

# ANALYTICAL REPORT

## PREPARED FOR

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Roux Environmental Eng & Geology DPC  
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## JOB DESCRIPTION

2828 W 28th Street

## JOB NUMBER

460-311096-1

# Eurofins Edison

## Job Notes

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## Authorization



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## Definitions/Glossary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                     |
|-----------|-------------------------------------------|
| *         | LCS or LCSD is outside acceptance limits. |
| J         | Indicates an estimated value.             |
| U         | Analyzed for but not detected.            |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description                     |
|-----------|-------------------------------------------|
| *         | LCS or LCSD is outside acceptance limits. |
| *         | MS or MSD is outside acceptance limits.   |
| J         | Indicates an estimated value.             |
| U         | Analyzed for but not detected.            |

#### GC Semi VOA

| Qualifier | Qualifier Description                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------------|
| *         | MS or MSD is outside acceptance limits.                                                                   |
| J         | Indicates an estimated value.                                                                             |
| p         | The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported. |
| U         | Analyzed for but not detected.                                                                            |

#### Metals

| Qualifier | Qualifier Description                                                                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4         | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| J         | Sample result is greater than the MDL but below the CRDL                                                                                                  |
| N         | Spiked sample recovery is not within control limits.                                                                                                      |
| U         | Indicates analyzed for but not detected.                                                                                                                  |

#### General Chemistry

| Qualifier | Qualifier Description                                                                                         |
|-----------|---------------------------------------------------------------------------------------------------------------|
| *         | Duplicate analysis not within control limits.                                                                 |
| H         | Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements. |
| J         | Sample result is greater than the MDL but below the CRDL                                                      |
| N         | Spiked sample recovery is not within control limits.                                                          |
| U         | Indicates analyzed for but not detected.                                                                      |

### Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| ☼              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| MPN            | Most Probable Number                                                                                        |

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## Definitions/Glossary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

### Glossary (Continued)

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

## Case Narrative

Client: Roux Environmental Eng & Geology DPC  
Project: 2828 W 28th Street

Job ID: 460-311096-1

**Job ID: 460-311096-1**

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### Job Narrative 460-311096-1

#### REVISION

The report being provided is a revision of the original report sent on 9/18/2024. The report (revision 1) is being revised due to Correcting compound list to Part 375 only..

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

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

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

#### **Receipt**

The samples were received on 9/10/2024 6:30 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 time was 1.1°C.

#### **Receipt Exceptions**

Per laboratory policy, the trip blank date/time was changed to reflect the latest date/time in the sampling event.

The following sample was received outside of holding time for Hexavalent Chromium: FB\_09092024 (460-311096-5).

#### **Method 8260D - Volatile Organic Compounds by GC/MS**

Samples RXSB-5\_0-2 (460-311096-1), RXSB-5\_4-6 (460-311096-2), RXSB-10\_0-2 (460-311096-3), RXSB-10\_4-6 (460-311096-4), FB\_09092024 (460-311096-5), RXSB-3\_0-2 (460-311096-6), RXSB-3\_4-6 (460-311096-7), RXSB-8\_0-2 (460-311096-8), RXSB-8\_4-6 (460-311096-9), RXSB-9\_0-2 (460-311096-10), RXSB-9\_4-6 (460-311096-11), DUP\_09092024 (460-311096-12) and TB\_09092024 (460-311096-13) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 9/10/2024 and analyzed on 9/12/2024 and 9/13/2024.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-995611 recovered outside control limits for the following analytes: Bromoform, Carbon tetrachloride and Dibromochloromethane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-995611 recovered above the upper control limit for 1,1,1-Trichloroethane, Bromoform, 1,1,2-Trichloro-1,2,2-trifluoroethane and Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-995292 recovered above the upper control limit for Bromoform and Methyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-995292 recovered outside control limits for the following analytes: Bromoform, Methyl acetate and Chloroethane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

#### **Method 8270E - Semivolatile Organic Compounds (GC/MS)**

Samples RXSB-5\_0-2 (460-311096-1), RXSB-5\_4-6 (460-311096-2), RXSB-10\_0-2 (460-311096-3), RXSB-10\_4-6 (460-311096-4), FB\_09092024 (460-311096-5), RXSB-3\_0-2 (460-311096-6), RXSB-3\_4-6 (460-311096-7), RXSB-8\_0-2 (460-311096-8), RXSB-8\_4-6 (460-311096-9), RXSB-9\_0-2 (460-311096-10), RXSB-9\_4-6 (460-311096-11) and DUP\_09092024 (460-311096-12) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 9/11/2024 and 9/12/2024 and analyzed on 9/12/2024 and 9/13/2024.

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## Case Narrative

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Sample RXSB-9\_4-6 (460-311096-11)[5x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) analyzed in batch 460-995535 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane] and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-995383 was outside the method criteria for the following analyte(s): Benzaldehyde and Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-995338 and analytical batch 460-995383 recovered outside control limits for the following analytes: 2,4-Dimethylphenol, 2,6-Dinitrotoluene, Benzo[g,h,i]perylene, Benzo[k]fluoranthene and Hexachlorocyclopentadiene. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been flagged and reported.

The continuing calibration verification (CCV) analyzed in batch 460-995400 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], 4-Nitrophenol, Benzaldehyde, Bis(2-chloroethyl)ether, Caprolactam, Di-n-octyl phthalate and N-Nitrosodi-n-propylamine. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-995337 and analytical batch 460-995400 recovered outside control limits for the following analytes: Hexachlorocyclopentadiene. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

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

Samples RXSB-5\_0-2 (460-311096-1), RXSB-5\_4-6 (460-311096-2), RXSB-10\_0-2 (460-311096-3), RXSB-10\_4-6 (460-311096-4), FB\_09092024 (460-311096-5), RXSB-3\_0-2 (460-311096-6), RXSB-3\_4-6 (460-311096-7), RXSB-8\_0-2 (460-311096-8), RXSB-8\_4-6 (460-311096-9), RXSB-9\_0-2 (460-311096-10), RXSB-9\_4-6 (460-311096-11) and DUP\_09092024 (460-311096-12) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 9/11/2024 and analyzed on 9/12/2024.

CCV1268 is outside control limits in the secondary column. There sample has been reported from the other column

(CCV 460-995378/20)

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

Samples RXSB-5\_0-2 (460-311096-1), RXSB-5\_4-6 (460-311096-2), RXSB-10\_0-2 (460-311096-3), RXSB-10\_4-6 (460-311096-4), FB\_09092024 (460-311096-5), RXSB-3\_0-2 (460-311096-6), RXSB-3\_4-6 (460-311096-7), RXSB-8\_0-2 (460-311096-8), RXSB-8\_4-6 (460-311096-9), RXSB-9\_0-2 (460-311096-10), RXSB-9\_4-6 (460-311096-11) and DUP\_09092024 (460-311096-12) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 9/11/2024 and analyzed on 9/12/2024.

The continuing calibration verification (CCV) associated with batch 460-995374 recovered below the lower control limit for Methoxychlor on the secondary column.

The CCV at the reporting limits was analyzed and the affected analyte was detected therefore the data is reported. Methoxychlor was within control limits on the primary column (CCVIS 460-995374/3).

The %RPD between the primary and confirmation column exceeded 40% for cis-Chlordane for the following samples: RXSB-5\_4-6 (460-311096-2) and RXSB-3\_0-2 (460-311096-6). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

#### Method 6020B - Metals (ICP/MS)

Samples RXSB-5\_0-2 (460-311096-1), RXSB-5\_4-6 (460-311096-2), RXSB-10\_0-2 (460-311096-3), RXSB-10\_4-6 (460-311096-4), RXSB-3\_0-2 (460-311096-6), RXSB-3\_4-6 (460-311096-7), RXSB-8\_0-2 (460-311096-8), RXSB-8\_4-6 (460-311096-9), RXSB-9\_0-2 (460-311096-10), RXSB-9\_4-6 (460-311096-11) and DUP\_09092024 (460-311096-12) were analyzed for Metals (ICP/MS). The samples were prepared and analyzed on 9/11/2024.

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## Case Narrative

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#### Method 6020B - Metals (ICP/MS) - Total Recoverable

Sample FB\_09092024 (460-311096-5) was analyzed for Metals (ICP/MS) - Total Recoverable. The sample was prepared on 9/11/2024 and analyzed on 9/12/2024.

#### Method 7470A - Mercury (CVAA)

Sample FB\_09092024 (460-311096-5) was analyzed for Mercury (CVAA). The sample was prepared and analyzed on 9/11/2024.

#### Method 7471B - Mercury (CVAA)

Samples RXSB-5\_0-2 (460-311096-1), RXSB-5\_4-6 (460-311096-2), RXSB-10\_0-2 (460-311096-3), RXSB-10\_4-6 (460-311096-4), RXSB-3\_0-2 (460-311096-6), RXSB-3\_4-6 (460-311096-7), RXSB-8\_0-2 (460-311096-8), RXSB-8\_4-6 (460-311096-9), RXSB-9\_0-2 (460-311096-10), RXSB-9\_4-6 (460-311096-11) and DUP\_09092024 (460-311096-12) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 9/13/2024 and 9/16/2024.

#### Method 7196A - Chromium, Hexavalent

Samples RXSB-5\_0-2 (460-311096-1), RXSB-5\_4-6 (460-311096-2), RXSB-10\_0-2 (460-311096-3), RXSB-10\_4-6 (460-311096-4), FB\_09092024 (460-311096-5), RXSB-3\_0-2 (460-311096-6), RXSB-3\_4-6 (460-311096-7), RXSB-8\_0-2 (460-311096-8), RXSB-8\_4-6 (460-311096-9), RXSB-9\_0-2 (460-311096-10), RXSB-9\_4-6 (460-311096-11) and DUP\_09092024 (460-311096-12) were analyzed for Chromium, Hexavalent. The samples were prepared on 9/17/2024 and analyzed on 9/11/2024 and 9/17/2024.

#### Method 7196A - Chromium, Trivalent (Colorimetric)

Samples RXSB-5\_0-2 (460-311096-1), RXSB-5\_4-6 (460-311096-2), RXSB-10\_0-2 (460-311096-3), RXSB-10\_4-6 (460-311096-4), FB\_09092024 (460-311096-5), RXSB-3\_0-2 (460-311096-6), RXSB-3\_4-6 (460-311096-7), RXSB-8\_0-2 (460-311096-8), RXSB-8\_4-6 (460-311096-9), RXSB-9\_0-2 (460-311096-10), RXSB-9\_4-6 (460-311096-11) and DUP\_09092024 (460-311096-12) were analyzed for Chromium, Trivalent (Colorimetric). The samples were analyzed on 9/12/2024 and 9/17/2024.

#### Method 9012B - Cyanide, Total and/or Amenable

Samples RXSB-5\_0-2 (460-311096-1), RXSB-5\_4-6 (460-311096-2), RXSB-10\_0-2 (460-311096-3), RXSB-10\_4-6 (460-311096-4), FB\_09092024 (460-311096-5), RXSB-3\_0-2 (460-311096-6), RXSB-3\_4-6 (460-311096-7), RXSB-8\_0-2 (460-311096-8), RXSB-8\_4-6 (460-311096-9), RXSB-9\_0-2 (460-311096-10), RXSB-9\_4-6 (460-311096-11) and DUP\_09092024 (460-311096-12) were analyzed for Cyanide, Total and/or Amenable. The samples were prepared and analyzed on 9/15/2024.

#### Method Moisture - Percent Moisture

Samples RXSB-5\_0-2 (460-311096-1), RXSB-5\_4-6 (460-311096-2), RXSB-10\_0-2 (460-311096-3), RXSB-10\_4-6 (460-311096-4), RXSB-3\_0-2 (460-311096-6), RXSB-3\_4-6 (460-311096-7), RXSB-8\_0-2 (460-311096-8), RXSB-8\_4-6 (460-311096-9), RXSB-9\_0-2 (460-311096-10), RXSB-9\_4-6 (460-311096-11) and DUP\_09092024 (460-311096-12) were analyzed for Percent Moisture. The samples were analyzed on 9/10/2024.

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# Detection Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-5\_0-2

Lab Sample ID: 460-311096-1

| Analyte                | Result | Qualifier | RL     | MDL     | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|--------|---------|-------|---------|---|--------|-----------|
| Acenaphthene           | 0.035  | J         | 0.34   | 0.0098  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Acenaphthylene         | 0.077  | J         | 0.34   | 0.0099  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Anthracene             | 0.13   | J         | 0.34   | 0.011   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene     | 0.58   |           | 0.034  | 0.026   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene         | 0.62   |           | 0.034  | 0.0092  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene   | 0.79   |           | 0.034  | 0.0089  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene   | 0.47   | *         | 0.34   | 0.010   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene   | 0.38   | *         | 0.034  | 0.0068  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene               | 0.65   |           | 0.34   | 0.015   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene  | 0.099  |           | 0.034  | 0.015   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenzofuran           | 0.021  | J         | 0.34   | 0.012   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene           | 1.3    |           | 0.34   | 0.012   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluorene               | 0.035  | J         | 0.34   | 0.010   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 0.46   |           | 0.034  | 0.013   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Naphthalene            | 0.017  | J         | 0.34   | 0.0060  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene           | 0.65   |           | 0.34   | 0.014   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene                 | 1.1    |           | 0.34   | 0.0086  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 4,4'-DDE               | 0.0040 | J         | 0.0070 | 0.00083 | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| 4,4'-DDT               | 0.0063 | J         | 0.0070 | 0.0013  | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| Arsenic                | 3.3    |           | 0.99   | 0.10    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Barium                 | 230    |           | 2.0    | 0.14    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Beryllium              | 0.11   | J         | 0.40   | 0.056   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Cadmium                | 0.78   | J         | 0.99   | 0.11    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Chromium               | 9.3    |           | 2.0    | 0.90    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Copper                 | 26.9   |           | 2.0    | 0.36    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Lead                   | 316    |           | 0.59   | 0.20    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Manganese              | 177    |           | 4.0    | 0.40    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Nickel                 | 10.7   |           | 2.0    | 0.47    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Selenium               | 0.17   | J         | 1.2    | 0.13    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Silver                 | 0.11   | J         | 0.40   | 0.088   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Zinc                   | 334    |           | 7.9    | 3.0     | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Mercury                | 0.15   |           | 0.018  | 0.0084  | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |
| Cr (III)               | 9.3    |           | 2.0    | 2.0     | mg/Kg | 1       | ✱ | 7196A  | Total/NA  |
| Cyanide, Total         | 0.13   | J         | 0.20   | 0.11    | mg/Kg | 1       | ✱ | 9012B  | Total/NA  |

Client Sample ID: RXSB-5\_4-6

Lab Sample ID: 460-311096-2

| Analyte               | Result | Qualifier | RL     | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------------------|--------|-----------|--------|--------|-------|---------|---|--------|-----------|
| Acetone               | 0.022  |           | 0.0071 | 0.0068 | mg/Kg | 1       | ✱ | 8260D  | Total/NA  |
| Acenaphthene          | 0.081  | J         | 0.35   | 0.010  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Acenaphthylene        | 0.19   | J         | 0.35   | 0.010  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Anthracene            | 0.50   |           | 0.35   | 0.011  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene    | 1.9    |           | 0.035  | 0.026  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene        | 2.0    |           | 0.035  | 0.0093 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene  | 2.5    |           | 0.035  | 0.0091 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene  | 1.4    | *         | 0.35   | 0.010  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene  | 1.1    | *         | 0.035  | 0.0069 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene              | 1.9    |           | 0.35   | 0.015  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene | 0.32   |           | 0.035  | 0.015  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenzofuran          | 0.076  | J         | 0.35   | 0.012  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene          | 4.0    |           | 0.35   | 0.012  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Edison

# Detection Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Client Sample ID: RXSB-5\_4-6 (Continued)

## Lab Sample ID: 460-311096-2

| Analyte                | Result | Qualifier | RL     | MDL     | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|--------|---------|-------|---------|---|--------|-----------|
| Fluorene               | 0.13   | J         | 0.35   | 0.010   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 1.4    |           | 0.035  | 0.014   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Naphthalene            | 0.040  | J         | 0.35   | 0.0061  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene           | 2.4    |           | 0.35   | 0.014   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene                 | 3.5    |           | 0.35   | 0.0087  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 4,4'-DDD               | 0.066  |           | 0.0071 | 0.0012  | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| 4,4'-DDE               | 0.021  |           | 0.0071 | 0.00084 | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| 4,4'-DDT               | 0.011  |           | 0.0071 | 0.0013  | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| Chlordane (technical)  | 0.093  |           | 0.071  | 0.017   | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| cis-Chlordane          | 0.016  | p         | 0.0071 | 0.0011  | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| Arsenic                | 2.3    |           | 0.98   | 0.10    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Barium                 | 786    |           | 2.0    | 0.14    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Beryllium              | 0.20   | J         | 0.39   | 0.056   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Cadmium                | 0.51   | J         | 0.98   | 0.11    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Chromium               | 19.6   |           | 2.0    | 0.89    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Copper                 | 18.6   |           | 2.0    | 0.36    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Lead                   | 724    |           | 0.59   | 0.20    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Manganese              | 122    |           | 3.9    | 0.39    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Nickel                 | 18.2   |           | 2.0    | 0.46    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Selenium               | 0.13   | J         | 1.2    | 0.12    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Silver                 | 0.090  | J         | 0.39   | 0.087   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Zinc                   | 493    |           | 7.8    | 3.0     | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Mercury                | 0.19   |           | 0.016  | 0.0077  | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |
| Cr (III)               | 19.6   |           | 2.0    | 2.0     | mg/Kg | 1       | ✱ | 7196A  | Total/NA  |
| Cyanide, Total         | 0.83   |           | 0.21   | 0.11    | mg/Kg | 1       | ✱ | 9012B  | Total/NA  |

## Client Sample ID: RXSB-10\_0-2

## Lab Sample ID: 460-311096-3

| Analyte                | Result  | Qualifier | RL     | MDL     | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|---------|-----------|--------|---------|-------|---------|---|--------|-----------|
| Toluene                | 0.00055 | J         | 0.0012 | 0.00028 | mg/Kg | 1       | ✱ | 8260D  | Total/NA  |
| Acenaphthene           | 0.076   | J         | 0.34   | 0.0097  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Acenaphthylene         | 0.18    | J         | 0.34   | 0.0097  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Anthracene             | 0.41    |           | 0.34   | 0.010   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene     | 2.9     |           | 0.034  | 0.026   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene         | 3.0     |           | 0.034  | 0.0090  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene   | 3.9     |           | 0.034  | 0.0088  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene   | 2.0     | *         | 0.34   | 0.010   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene   | 1.8     | *         | 0.034  | 0.0067  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene               | 2.9     |           | 0.34   | 0.014   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene  | 0.49    |           | 0.034  | 0.015   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenzofuran           | 0.043   | J         | 0.34   | 0.011   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene           | 5.8     |           | 0.34   | 0.012   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluorene               | 0.067   | J         | 0.34   | 0.0099  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 2.1     |           | 0.034  | 0.013   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Naphthalene            | 0.030   | J         | 0.34   | 0.0059  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene           | 2.2     |           | 0.34   | 0.014   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene                 | 5.0     |           | 0.34   | 0.0084  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 4,4'-DDT               | 0.0026  | J         | 0.0069 | 0.0013  | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| Arsenic                | 2.7     |           | 0.92   | 0.095   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Barium                 | 292     |           | 1.8    | 0.13    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Beryllium              | 0.13    | J         | 0.37   | 0.052   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Edison

## Detection Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

### Client Sample ID: RXSB-10\_0-2 (Continued)

### Lab Sample ID: 460-311096-3

| Analyte        | Result | Qualifier | RL    | MDL    | Unit  | Dil | Fac | D | Method | Prep Type |
|----------------|--------|-----------|-------|--------|-------|-----|-----|---|--------|-----------|
| Cadmium        | 0.44   | J         | 0.92  | 0.10   | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Chromium       | 8.1    |           | 1.8   | 0.84   | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Copper         | 16.4   |           | 1.8   | 0.34   | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Lead           | 1320   |           | 0.55  | 0.18   | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Manganese      | 98.0   |           | 3.7   | 0.37   | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Nickel         | 7.8    |           | 1.8   | 0.43   | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Selenium       | 0.16   | J         | 1.2   | 0.12   | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Silver         | 0.13   | J         | 0.37  | 0.082  | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Zinc           | 230    |           | 7.4   | 2.8    | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Mercury        | 0.17   |           | 0.017 | 0.0079 | mg/Kg | 1   | ☆   |   | 7471B  | Total/NA  |
| Cr (III)       | 8.1    |           | 2.0   | 2.0    | mg/Kg | 1   | ☆   |   | 7196A  | Total/NA  |
| Cyanide, Total | 0.14   | J         | 0.21  | 0.11   | mg/Kg | 1   | ☆   |   | 9012B  | Total/NA  |

### Client Sample ID: RXSB-10\_4-6

### Lab Sample ID: 460-311096-4

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | Dil | Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|-----|-----|---|--------|-----------|
| Acenaphthene           | 0.018  | J         | 0.34  | 0.0096 | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Acenaphthylene         | 0.062  | J         | 0.34  | 0.0096 | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Anthracene             | 0.076  | J         | 0.34  | 0.010  | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Benzo[a]anthracene     | 0.24   |           | 0.034 | 0.025  | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Benzo[a]pyrene         | 0.30   |           | 0.034 | 0.0090 | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Benzo[b]fluoranthene   | 0.37   |           | 0.034 | 0.0087 | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene   | 0.25   | J *       | 0.34  | 0.0099 | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Benzo[k]fluoranthene   | 0.14   | *         | 0.034 | 0.0066 | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Chrysene               | 0.26   | J         | 0.34  | 0.014  | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene  | 0.029  | J         | 0.034 | 0.015  | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Dibenzofuran           | 0.013  | J         | 0.34  | 0.011  | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Fluoranthene           | 0.55   |           | 0.34  | 0.012  | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Fluorene               | 0.021  | J         | 0.34  | 0.0099 | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 0.25   |           | 0.034 | 0.013  | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Naphthalene            | 0.012  | J         | 0.34  | 0.0058 | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Phenanthrene           | 0.31   | J         | 0.34  | 0.014  | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Pyrene                 | 0.46   |           | 0.34  | 0.0084 | mg/Kg | 1   | ☆   |   | 8270E  | Total/NA  |
| Arsenic                | 2.9    |           | 0.95  | 0.098  | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Barium                 | 122    |           | 1.9   | 0.14   | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Beryllium              | 0.12   | J         | 0.38  | 0.054  | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Cadmium                | 0.32   | J         | 0.95  | 0.11   | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Chromium               | 11.3   |           | 1.9   | 0.86   | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Copper                 | 12.3   |           | 1.9   | 0.35   | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Lead                   | 111    |           | 0.57  | 0.19   | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Manganese              | 60.6   |           | 3.8   | 0.38   | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Nickel                 | 7.8    |           | 1.9   | 0.45   | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Selenium               | 0.15   | J         | 1.2   | 0.12   | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Zinc                   | 99.3   |           | 7.6   | 2.9    | mg/Kg | 1   | ☆   |   | 6020B  | Total/NA  |
| Mercury                | 0.049  |           | 0.017 | 0.0079 | mg/Kg | 1   | ☆   |   | 7471B  | Total/NA  |
| Cr (III)               | 11.3   |           | 2.0   | 2.0    | mg/Kg | 1   | ☆   |   | 7196A  | Total/NA  |
| Cyanide, Total         | 0.24   |           | 0.21  | 0.12   | mg/Kg | 1   | ☆   |   | 9012B  | Total/NA  |

### Client Sample ID: FB\_09092024

### Lab Sample ID: 460-311096-5

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

# Detection Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-3\_0-2

Lab Sample ID: 460-311096-6

| Analyte                | Result  | Qualifier | RL     | MDL     | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|---------|-----------|--------|---------|-------|---------|---|--------|-----------|
| Toluene                | 0.00082 | J         | 0.0011 | 0.00026 | mg/Kg | 1       | ✱ | 8260D  | Total/NA  |
| Acenaphthene           | 0.051   | J         | 0.39   | 0.011   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Acenaphthylene         | 0.17    | J         | 0.39   | 0.011   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Anthracene             | 0.24    | J         | 0.39   | 0.012   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene     | 1.3     |           | 0.039  | 0.029   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene         | 1.4     |           | 0.039  | 0.010   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene   | 1.9     |           | 0.039  | 0.010   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene   | 1.1     | *         | 0.39   | 0.011   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene   | 0.69    | *         | 0.039  | 0.0076  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene               | 1.3     |           | 0.39   | 0.016   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene  | 0.14    |           | 0.039  | 0.017   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenzofuran           | 0.026   | J         | 0.39   | 0.013   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene           | 2.4     |           | 0.39   | 0.013   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluorene               | 0.044   | J         | 0.39   | 0.011   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 0.96    |           | 0.039  | 0.015   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Naphthalene            | 0.038   | J         | 0.39   | 0.0067  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene           | 1.1     |           | 0.39   | 0.016   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene                 | 2.3     |           | 0.39   | 0.0096  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 4,4'-DDE               | 0.0030  | J         | 0.0078 | 0.00092 | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| 4,4'-DDT               | 0.0046  | J         | 0.0078 | 0.0014  | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| cis-Chlordane          | 0.0035  | J p       | 0.0078 | 0.0012  | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| Arsenic                | 6.5     |           | 1.1    | 0.11    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Barium                 | 628     |           | 2.2    | 0.16    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Beryllium              | 0.41    | J         | 0.44   | 0.063   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Cadmium                | 1.1     |           | 1.1    | 0.12    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Chromium               | 17.0    |           | 2.2    | 1.0     | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Copper                 | 36.9    |           | 2.2    | 0.41    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Lead                   | 585     |           | 0.66   | 0.22    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Manganese              | 215     |           | 4.4    | 0.44    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Nickel                 | 22.8    |           | 2.2    | 0.52    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Selenium               | 0.30    | J         | 1.4    | 0.14    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Silver                 | 0.14    | J         | 0.44   | 0.098   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Zinc                   | 459     |           | 8.8    | 3.4     | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Mercury                | 0.19    |           | 0.020  | 0.0094  | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |
| Cr (III)               | 17.0    |           | 2.0    | 2.0     | mg/Kg | 1       | ✱ | 7196A  | Total/NA  |
| Cyanide, Total         | 0.26    |           | 0.23   | 0.13    | mg/Kg | 1       | ✱ | 9012B  | Total/NA  |

Client Sample ID: RXSB-3\_4-6

Lab Sample ID: 460-311096-7

| Analyte               | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|-----------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Acenaphthene          | 0.093  | J         | 0.35  | 0.010  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Acenaphthylene        | 0.25   | J         | 0.35  | 0.010  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Anthracene            | 0.36   |           | 0.35  | 0.011  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene    | 1.8    |           | 0.035 | 0.027  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene        | 2.0    |           | 0.035 | 0.0094 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene  | 2.5    |           | 0.035 | 0.0091 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene  | 0.86   | *         | 0.35  | 0.010  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene  | 1.2    | *         | 0.035 | 0.0069 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene              | 1.8    |           | 0.35  | 0.015  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene | 0.24   |           | 0.035 | 0.015  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenzofuran          | 0.080  | J         | 0.35  | 0.012  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Edison

# Detection Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Client Sample ID: RXSB-3\_4-6 (Continued)

## Lab Sample ID: 460-311096-7

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Fluoranthene           | 4.1    |           | 0.35  | 0.012  | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Fluorene               | 0.11   | J         | 0.35  | 0.010  | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 1.0    |           | 0.035 | 0.014  | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Naphthalene            | 0.061  | J         | 0.35  | 0.0061 | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Phenanthrene           | 2.2    |           | 0.35  | 0.014  | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Pyrene                 | 3.4    |           | 0.35  | 0.0088 | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Arsenic                | 4.5    |           | 0.98  | 0.10   | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Barium                 | 448    |           | 2.0   | 0.14   | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Beryllium              | 0.21   | J         | 0.39  | 0.056  | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Cadmium                | 1.0    |           | 0.98  | 0.11   | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Chromium               | 10.6   |           | 2.0   | 0.89   | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Copper                 | 73.8   |           | 2.0   | 0.36   | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Lead                   | 634    |           | 0.59  | 0.20   | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Manganese              | 117    |           | 3.9   | 0.40   | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Nickel                 | 12.2   |           | 2.0   | 0.46   | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Selenium               | 0.48   | J         | 1.2   | 0.13   | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Silver                 | 0.18   | J         | 0.39  | 0.087  | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Zinc                   | 503    |           | 7.8   | 3.0    | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Mercury                | 0.13   |           | 0.016 | 0.0075 | mg/Kg | 1       | ✖ | 7471B  | Total/NA  |
| Cr (III)               | 10.6   |           | 2.0   | 2.0    | mg/Kg | 1       | ✖ | 7196A  | Total/NA  |
| Cyanide, Total         | 0.33   |           | 0.23  | 0.13   | mg/Kg | 1       | ✖ | 9012B  | Total/NA  |

## Client Sample ID: RXSB-8\_0-2

## Lab Sample ID: 460-311096-8

| Analyte                | Result | Qualifier | RL     | MDL     | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|--------|---------|-------|---------|---|--------|-----------|
| Acenaphthene           | 0.027  | J         | 0.34   | 0.0096  | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Acenaphthylene         | 0.12   | J         | 0.34   | 0.0096  | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Anthracene             | 0.16   | J         | 0.34   | 0.010   | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Benzo[a]anthracene     | 0.80   |           | 0.034  | 0.025   | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Benzo[a]pyrene         | 0.85   |           | 0.034  | 0.0090  | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene   | 1.1    |           | 0.034  | 0.0087  | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene   | 0.43   | *         | 0.34   | 0.0099  | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene   | 0.52   | *         | 0.034  | 0.0066  | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Chrysene               | 0.88   |           | 0.34   | 0.014   | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene  | 0.083  |           | 0.034  | 0.015   | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Dibenzofuran           | 0.037  | J         | 0.34   | 0.011   | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Fluoranthene           | 1.6    |           | 0.34   | 0.012   | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Fluorene               | 0.038  | J         | 0.34   | 0.0099  | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 0.53   |           | 0.034  | 0.013   | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Naphthalene            | 0.026  | J         | 0.34   | 0.0058  | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Phenanthrene           | 0.92   |           | 0.34   | 0.014   | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| Pyrene                 | 1.3    |           | 0.34   | 0.0084  | mg/Kg | 1       | ✖ | 8270E  | Total/NA  |
| 4,4'-DDE               | 0.0041 | J         | 0.0068 | 0.00081 | mg/Kg | 1       | ✖ | 8081B  | Total/NA  |
| 4,4'-DDT               | 0.0034 | J         | 0.0068 | 0.0013  | mg/Kg | 1       | ✖ | 8081B  | Total/NA  |
| Arsenic                | 3.6    |           | 0.99   | 0.10    | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Barium                 | 388    |           | 2.0    | 0.14    | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Beryllium              | 0.12   | J         | 0.40   | 0.056   | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Cadmium                | 0.65   | J         | 0.99   | 0.11    | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Chromium               | 8.0    |           | 2.0    | 0.90    | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Copper                 | 31.0   |           | 2.0    | 0.36    | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |
| Lead                   | 370    |           | 0.59   | 0.20    | mg/Kg | 1       | ✖ | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Edison

# Detection Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Client Sample ID: RXSB-8\_0-2 (Continued)

## Lab Sample ID: 460-311096-8

| Analyte        | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Manganese      | 62.1   |           | 4.0   | 0.40   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Nickel         | 8.1    |           | 2.0   | 0.47   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Selenium       | 0.29   | J         | 1.2   | 0.13   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Silver         | 0.14   | J         | 0.40  | 0.088  | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Zinc           | 318    |           | 7.9   | 3.0    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Mercury        | 0.38   |           | 0.016 | 0.0077 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |
| Cr (III)       | 8.0    |           | 2.0   | 2.0    | mg/Kg | 1       | ✱ | 7196A  | Total/NA  |
| Cyanide, Total | 0.38   |           | 0.19  | 0.10   | mg/Kg | 1       | ✱ | 9012B  | Total/NA  |

## Client Sample ID: RXSB-8\_4-6

## Lab Sample ID: 460-311096-9

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Acenaphthene           | 0.021  | J         | 0.34  | 0.0096 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Acenaphthylene         | 0.034  | J         | 0.34  | 0.0096 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Anthracene             | 0.063  | J         | 0.34  | 0.010  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene     | 0.27   |           | 0.034 | 0.025  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene         | 0.28   |           | 0.034 | 0.0090 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene   | 0.35   |           | 0.034 | 0.0087 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene   | 0.18   | J *       | 0.34  | 0.0099 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene   | 0.14   | *         | 0.034 | 0.0066 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene               | 0.31   | J         | 0.34  | 0.014  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene  | 0.039  |           | 0.034 | 0.015  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene           | 0.56   |           | 0.34  | 0.012  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluorene               | 0.018  | J         | 0.34  | 0.0098 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 0.19   |           | 0.034 | 0.013  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Naphthalene            | 0.014  | J         | 0.34  | 0.0058 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene           | 0.31   | J         | 0.34  | 0.014  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene                 | 0.55   |           | 0.34  | 0.0084 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Arsenic                | 1.4    |           | 0.92  | 0.095  | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Barium                 | 323    |           | 1.8   | 0.13   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Cadmium                | 0.42   | J         | 0.92  | 0.10   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Chromium               | 4.4    |           | 1.8   | 0.84   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Copper                 | 13.6   |           | 1.8   | 0.34   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Lead                   | 320    |           | 0.55  | 0.18   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Manganese              | 30.3   |           | 3.7   | 0.37   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Nickel                 | 2.9    |           | 1.8   | 0.43   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Selenium               | 0.14   | J         | 1.2   | 0.12   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Silver                 | 0.092  | J         | 0.37  | 0.082  | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Zinc                   | 262    |           | 7.4   | 2.8    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Mercury                | 0.064  |           | 0.015 | 0.0072 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |
| Cr (III)               | 4.4    |           | 2.0   | 2.0    | mg/Kg | 1       | ✱ | 7196A  | Total/NA  |
| Cyanide, Total         | 0.19   | J         | 0.24  | 0.13   | mg/Kg | 1       | ✱ | 9012B  | Total/NA  |

## Client Sample ID: RXSB-9\_0-2

## Lab Sample ID: 460-311096-10

| Analyte              | Result | Qualifier | RL    | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Acenaphthene         | 0.050  | J         | 0.33  | 0.0095 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Acenaphthylene       | 0.16   | J         | 0.33  | 0.0096 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Anthracene           | 0.19   | J         | 0.33  | 0.010  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene   | 1.0    |           | 0.033 | 0.025  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene       | 1.1    |           | 0.033 | 0.0089 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene | 1.5    |           | 0.033 | 0.0087 | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Edison

# Detection Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Client Sample ID: RXSB-9\_0-2 (Continued)

## Lab Sample ID: 460-311096-10

| Analyte                | Result | Qualifier | RL     | MDL     | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|--------|---------|-------|---------|---|--------|-----------|
| Benzo[g,h,i]perylene   | 0.64   | *         | 0.33   | 0.0099  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene   | 0.74   | *         | 0.033  | 0.0066  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene               | 1.2    |           | 0.33   | 0.014   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene  | 0.18   |           | 0.033  | 0.014   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenzofuran           | 0.026  | J         | 0.33   | 0.011   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene           | 1.9    |           | 0.33   | 0.012   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluorene               | 0.047  | J         | 0.33   | 0.0098  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 0.74   |           | 0.033  | 0.013   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Naphthalene            | 0.023  | J         | 0.33   | 0.0058  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene           | 0.77   |           | 0.33   | 0.014   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene                 | 1.6    |           | 0.33   | 0.0083  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 4,4'-DDE               | 0.0099 |           | 0.0068 | 0.00080 | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| 4,4'-DDT               | 0.012  |           | 0.0068 | 0.0013  | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| Arsenic                | 3.2    |           | 0.90   | 0.093   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Barium                 | 357    |           | 1.8    | 0.13    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Beryllium              | 0.13   | J         | 0.36   | 0.051   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Cadmium                | 0.83   | J         | 0.90   | 0.10    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Chromium               | 11.4   |           | 1.8    | 0.82    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Copper                 | 35.1   |           | 1.8    | 0.33    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Lead                   | 449    |           | 0.54   | 0.18    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Manganese              | 74.6   |           | 3.6    | 0.36    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Nickel                 | 11.8   |           | 1.8    | 0.42    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Selenium               | 0.28   | J         | 1.1    | 0.12    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Silver                 | 0.26   | J         | 0.36   | 0.080   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Zinc                   | 385    |           | 7.2    | 2.7     | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Mercury                | 0.37   |           | 0.017  | 0.0081  | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |
| Cr (III)               | 11.4   |           | 2.0    | 2.0     | mg/Kg | 1       | ✱ | 7196A  | Total/NA  |
| Cyanide, Total         | 0.20   |           | 0.18   | 0.10    | mg/Kg | 1       | ✱ | 9012B  | Total/NA  |

## Client Sample ID: RXSB-9\_4-6

## Lab Sample ID: 460-311096-11

| Analyte                | Result | Qualifier | RL     | MDL     | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|--------|---------|-------|---------|---|--------|-----------|
| Acenaphthene           | 0.20   | J         | 0.33   | 0.0095  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Acenaphthylene         | 0.55   |           | 0.33   | 0.0096  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Anthracene             | 1.2    |           | 0.33   | 0.010   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene     | 5.6    |           | 0.033  | 0.025   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene         | 5.1    |           | 0.033  | 0.0089  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene   | 7.0    |           | 0.033  | 0.0086  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene   | 2.7    |           | 0.33   | 0.0099  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene   | 2.5    |           | 0.033  | 0.0066  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene               | 5.6    |           | 0.33   | 0.014   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene  | 0.81   |           | 0.033  | 0.014   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenzofuran           | 0.19   | J         | 0.33   | 0.011   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluorene               | 0.27   | J         | 0.33   | 0.0098  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 3.0    |           | 0.033  | 0.013   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Naphthalene            | 0.075  | J         | 0.33   | 0.0058  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene           | 6.1    |           | 0.33   | 0.014   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene - DL      | 13     |           | 1.7    | 0.058   | mg/Kg | 5       | ✱ | 8270E  | Total/NA  |
| Pyrene - DL            | 11     |           | 1.7    | 0.042   | mg/Kg | 5       | ✱ | 8270E  | Total/NA  |
| 4,4'-DDD               | 0.012  |           | 0.0068 | 0.0011  | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| 4,4'-DDE               | 0.0073 |           | 0.0068 | 0.00080 | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Edison

# Detection Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Client Sample ID: RXSB-9\_4-6 (Continued)

## Lab Sample ID: 460-311096-11

| Analyte        | Result | Qualifier | RL     | MDL    | Unit  | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|--------|--------|-------|---------|---|--------|-----------|
| 4,4'-DDT       | 0.022  |           | 0.0068 | 0.0012 | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| Arsenic        | 3.3    |           | 0.92   | 0.095  | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Barium         | 462    |           | 1.8    | 0.13   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Beryllium      | 0.21   | J         | 0.37   | 0.053  | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Cadmium        | 0.77   | J         | 0.92   | 0.10   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Chromium       | 14.1   |           | 1.8    | 0.84   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Copper         | 48.2   |           | 1.8    | 0.34   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Lead           | 633    |           | 0.55   | 0.18   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Manganese      | 107    |           | 3.7    | 0.37   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Nickel         | 14.8   |           | 1.8    | 0.43   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Selenium       | 0.28   | J         | 1.2    | 0.12   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Silver         | 0.18   | J         | 0.37   | 0.082  | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Zinc           | 379    |           | 7.4    | 2.8    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Mercury        | 0.27   |           | 0.017  | 0.0080 | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |
| Cr (III)       | 14.1   |           | 2.0    | 2.0    | mg/Kg | 1       | ✱ | 7196A  | Total/NA  |
| Cyanide, Total | 0.21   |           | 0.20   | 0.11   | mg/Kg | 1       | ✱ | 9012B  | Total/NA  |

## Client Sample ID: DUP\_09092024

## Lab Sample ID: 460-311096-12

| Analyte                | Result  | Qualifier | RL     | MDL     | Unit  | Dil Fac | D | Method | Prep Type |
|------------------------|---------|-----------|--------|---------|-------|---------|---|--------|-----------|
| Toluene                | 0.00080 | J         | 0.0011 | 0.00026 | mg/Kg | 1       | ✱ | 8260D  | Total/NA  |
| Acenaphthene           | 0.017   | J         | 0.34   | 0.0097  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Acenaphthylene         | 0.031   | J         | 0.34   | 0.0097  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Anthracene             | 0.060   | J         | 0.34   | 0.010   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]anthracene     | 0.31    |           | 0.034  | 0.026   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[a]pyrene         | 0.33    |           | 0.034  | 0.0091  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[b]fluoranthene   | 0.43    |           | 0.034  | 0.0088  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[g,h,i]perylene   | 0.17    | J         | 0.34   | 0.010   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Benzo[k]fluoranthene   | 0.14    |           | 0.034  | 0.0067  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Chrysene               | 0.30    | J         | 0.34   | 0.014   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Dibenz(a,h)anthracene  | 0.047   |           | 0.034  | 0.015   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluoranthene           | 0.59    |           | 0.34   | 0.012   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Fluorene               | 0.014   | J         | 0.34   | 0.0099  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Indeno[1,2,3-cd]pyrene | 0.18    |           | 0.034  | 0.013   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Phenanthrene           | 0.27    | J         | 0.34   | 0.014   | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| Pyrene                 | 0.56    |           | 0.34   | 0.0085  | mg/Kg | 1       | ✱ | 8270E  | Total/NA  |
| 4,4'-DDE               | 0.0027  | J         | 0.0069 | 0.00081 | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| 4,4'-DDT               | 0.0036  | J         | 0.0069 | 0.0013  | mg/Kg | 1       | ✱ | 8081B  | Total/NA  |
| Arsenic                | 2.1     |           | 0.90   | 0.092   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Barium                 | 187     |           | 1.8    | 0.13    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Beryllium              | 0.12    | J         | 0.36   | 0.051   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Cadmium                | 0.47    | J         | 0.90   | 0.10    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Chromium               | 7.3     |           | 1.8    | 0.81    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Copper                 | 18.0    |           | 1.8    | 0.33    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Lead                   | 259     |           | 0.54   | 0.18    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Manganese              | 68.2    |           | 3.6    | 0.36    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Nickel                 | 6.4     |           | 1.8    | 0.42    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Selenium               | 0.17    | J         | 1.1    | 0.11    | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Silver                 | 0.12    | J         | 0.36   | 0.080   | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Zinc                   | 209     |           | 7.2    | 2.7     | mg/Kg | 1       | ✱ | 6020B  | Total/NA  |
| Mercury                | 0.16    |           | 0.016  | 0.0075  | mg/Kg | 1       | ✱ | 7471B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Edison

## Detection Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

### Client Sample ID: DUP\_09092024 (Continued)

Lab Sample ID: 460-311096-12

| Analyte        | Result | Qualifier | RL   | MDL  | Unit  | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|------|------|-------|---------|---|--------|-----------|
| Cr (III)       | 7.3    |           | 2.0  | 2.0  | mg/Kg | 1       | ☼ | 7196A  | Total/NA  |
| Cyanide, Total | 0.11   | J         | 0.21 | 0.11 | mg/Kg | 1       | ☼ | 9012B  | Total/NA  |

### Client Sample ID: TB\_09092024

Lab Sample ID: 460-311096-13

| Analyte            | Result | Qualifier | RL  | MDL  | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|-----|------|------|---------|---|--------|-----------|
| Methylene Chloride | 0.51   | J         | 1.0 | 0.32 | ug/L | 1       |   | 8260D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Edison

# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-5\_0-2

Lab Sample ID: 460-311096-1

Date Collected: 09/09/24 08:55

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 95.3

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | 0.0012 | U         | 0.0012 | 0.00028 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| 1,1-Dichloroethane       | 0.0012 | U         | 0.0012 | 0.00025 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| 1,1-Dichloroethene       | 0.0012 | U         | 0.0012 | 0.00027 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| 1,2,4-Trimethylbenzene   | 0.0012 | U         | 0.0012 | 0.00030 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| 1,2-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00044 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| 1,2-Dichloroethane       | 0.0012 | U         | 0.0012 | 0.00036 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| 1,3,5-Trimethylbenzene   | 0.0012 | U         | 0.0012 | 0.00038 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| 1,3-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00044 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| 1,4-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00027 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| 2-Butanone (MEK)         | 0.0060 | U         | 0.0060 | 0.00044 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| Acetone                  | 0.0072 | U         | 0.0072 | 0.0069  | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| Benzene                  | 0.0012 | U         | 0.0012 | 0.00031 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| Carbon tetrachloride     | 0.0012 | U         | 0.0012 | 0.00047 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| Chlorobenzene            | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| Chloroform               | 0.0012 | U         | 0.0012 | 0.0012  | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| cis-1,2-Dichloroethene   | 0.0012 | U         | 0.0012 | 0.00043 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| Ethylbenzene             | 0.0012 | U         | 0.0012 | 0.00024 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| Methyl tert-butyl ether  | 0.0012 | U         | 0.0012 | 0.00062 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| Methylene Chloride       | 0.0024 | U         | 0.0024 | 0.0014  | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| m-Xylene & p-Xylene      | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| n-Butylbenzene           | 0.0012 | U         | 0.0012 | 0.00035 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| N-Propylbenzene          | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| o-Xylene                 | 0.0012 | U         | 0.0012 | 0.00023 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| sec-Butylbenzene         | 0.0012 | U         | 0.0012 | 0.00035 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| tert-Butylbenzene        | 0.0012 | U         | 0.0012 | 0.00033 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| Tetrachloroethene        | 0.0012 | U         | 0.0012 | 0.00037 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| Toluene                  | 0.0012 | U         | 0.0012 | 0.00028 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| trans-1,2-Dichloroethene | 0.0012 | U         | 0.0012 | 0.00030 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| Trichloroethene          | 0.0012 | U         | 0.0012 | 0.00039 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| Vinyl chloride           | 0.0012 | U         | 0.0012 | 0.00066 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| Xylenes, Total           | 0.0024 | U         | 0.0024 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:00 | 09/12/24 02:48 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 89        |           | 65 - 138 | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| 4-Bromofluorobenzene         | 104       |           | 71 - 128 | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 50 - 150 | 09/10/24 23:00 | 09/12/24 02:48 | 1       |
| Toluene-d8 (Surr)            | 94        |           | 71 - 126 | 09/10/24 23:00 | 09/12/24 02:48 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte              | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| 1,4-Dioxane          | 0.034  | U         | 0.034 | 0.030  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| 2-Methylphenol       | 0.34   | U         | 0.34  | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| 3 & 4 Methylphenol   | 0.34   | U         | 0.34  | 0.022  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Acenaphthene         | 0.035  | J         | 0.34  | 0.0098 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Acenaphthylene       | 0.077  | J         | 0.34  | 0.0099 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Anthracene           | 0.13   | J         | 0.34  | 0.011  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Benzo[a]anthracene   | 0.58   |           | 0.034 | 0.026  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Benzo[a]pyrene       | 0.62   |           | 0.034 | 0.0092 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Benzo[b]fluoranthene | 0.79   |           | 0.034 | 0.0089 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Benzo[g,h,i]perylene | 0.47   | *         | 0.34  | 0.010  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-5\_0-2

Lab Sample ID: 460-311096-1

Date Collected: 09/09/24 08:55

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 95.3

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Benzo[k]fluoranthene   | 0.38   | *         | 0.034 | 0.0068 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Chrysene               | 0.65   |           | 0.34  | 0.015  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Dibenz(a,h)anthracene  | 0.099  |           | 0.034 | 0.015  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Dibenzofuran           | 0.021  | J         | 0.34  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Fluoranthene           | 1.3    |           | 0.34  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Fluorene               | 0.035  | J         | 0.34  | 0.010  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Hexachlorobenzene      | 0.034  | U         | 0.034 | 0.016  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Indeno[1,2,3-cd]pyrene | 0.46   |           | 0.034 | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Naphthalene            | 0.017  | J         | 0.34  | 0.0060 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Pentachlorophenol      | 0.28   | U         | 0.28  | 0.071  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Phenanthrene           | 0.65   |           | 0.34  | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Phenol                 | 0.34   | U         | 0.34  | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Pyrene                 | 1.1    |           | 0.34  | 0.0086 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:15 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 90        |           | 24 - 137 | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| 2-Fluorobiphenyl            | 97        |           | 38 - 128 | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| 2-Fluorophenol (Surr)       | 96        |           | 31 - 133 | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Nitrobenzene-d5 (Surr)      | 97        |           | 31 - 120 | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Phenol-d5 (Surr)            | 101       |           | 35 - 132 | 09/11/24 20:46 | 09/12/24 07:15 | 1       |
| Terphenyl-d14 (Surr)        | 101       |           | 44 - 147 | 09/11/24 20:46 | 09/12/24 07:15 | 1       |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 4,4'-DDD              | 0.0070 | U         | 0.0070 | 0.0012  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| 4,4'-DDE              | 0.0040 | J         | 0.0070 | 0.00083 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| 4,4'-DDT              | 0.0063 | J         | 0.0070 | 0.0013  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| Aldrin                | 0.0070 | U         | 0.0070 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| alpha-BHC             | 0.0021 | U         | 0.0021 | 0.00071 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| beta-BHC              | 0.0021 | U         | 0.0021 | 0.00078 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| Chlordane (technical) | 0.070  | U         | 0.070  | 0.017   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| cis-Chlordane         | 0.0070 | U         | 0.0070 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| delta-BHC             | 0.0021 | U         | 0.0021 | 0.00043 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| Dieldrin              | 0.0021 | U         | 0.0021 | 0.00091 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| Endosulfan I          | 0.0070 | U         | 0.0070 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| Endosulfan II         | 0.0070 | U         | 0.0070 | 0.0018  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| Endosulfan sulfate    | 0.0070 | U         | 0.0070 | 0.00088 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| Endrin                | 0.0070 | U         | 0.0070 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| Endrin aldehyde       | 0.0070 | U         | 0.0070 | 0.0017  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| Endrin ketone         | 0.0070 | U         | 0.0070 | 0.0014  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| gamma-BHC (Lindane)   | 0.0021 | U         | 0.0021 | 0.00065 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| Heptachlor            | 0.0070 | U         | 0.0070 | 0.00083 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| Heptachlor epoxide    | 0.0070 | U         | 0.0070 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| Methoxychlor          | 0.0070 | U         | 0.0070 | 0.0016  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| Toxaphene             | 0.070  | U         | 0.070  | 0.025   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:29 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 49        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| DCB Decachlorobiphenyl | 50        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 05:29 | 1       |
| Tetrachloro-m-xylene   | 38        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 05:29 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-5\_0-2

Lab Sample ID: 460-311096-1

Date Collected: 09/09/24 08:55

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 95.3

## Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene | 39        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 05:29 | 1       |

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

| Analyte                          | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aroclor 1016                     | 0.070  | U         | 0.070 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:02 | 1       |
| Aroclor 1221                     | 0.070  | U         | 0.070 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:02 | 1       |
| Aroclor 1232                     | 0.070  | U         | 0.070 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:02 | 1       |
| Aroclor 1242                     | 0.070  | U         | 0.070 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:02 | 1       |
| Aroclor 1248                     | 0.070  | U         | 0.070 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:02 | 1       |
| Aroclor 1254                     | 0.070  | U         | 0.070 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:02 | 1       |
| Aroclor 1260                     | 0.070  | U         | 0.070 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:02 | 1       |
| Aroclor-1262                     | 0.070  | U         | 0.070 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:02 | 1       |
| Aroclor 1268                     | 0.070  | U         | 0.070 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:02 | 1       |
| Polychlorinated biphenyls, Total | 0.070  | U         | 0.070 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:02 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 35        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 00:02 | 1       |
| DCB Decachlorobiphenyl | 28        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 00:02 | 1       |
| Tetrachloro-m-xylene   | 26        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 00:02 | 1       |
| Tetrachloro-m-xylene   | 26        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 00:02 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic   | 3.3    |           | 0.99 | 0.10  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:31 | 1       |
| Barium    | 230    |           | 2.0  | 0.14  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:31 | 1       |
| Beryllium | 0.11   | J         | 0.40 | 0.056 | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:31 | 1       |
| Cadmium   | 0.78   | J         | 0.99 | 0.11  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:31 | 1       |
| Chromium  | 9.3    |           | 2.0  | 0.90  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:31 | 1       |
| Copper    | 26.9   |           | 2.0  | 0.36  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:31 | 1       |
| Lead      | 316    |           | 0.59 | 0.20  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:31 | 1       |
| Manganese | 177    |           | 4.0  | 0.40  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:31 | 1       |
| Nickel    | 10.7   |           | 2.0  | 0.47  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:31 | 1       |
| Selenium  | 0.17   | J         | 1.2  | 0.13  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:31 | 1       |
| Silver    | 0.11   | J         | 0.40 | 0.088 | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:31 | 1       |
| Zinc      | 334    |           | 7.9  | 3.0   | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:31 | 1       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.15   |           | 0.018 | 0.0084 | mg/Kg | ✱ | 09/13/24 01:13 | 09/13/24 06:24 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Cr (III) (SW846 7196A)          | 9.3    |           | 2.0  | 2.0  | mg/Kg | ✱ |                | 09/12/24 12:25 | 1       |
| Cr (VI) (SW846 7196A)           | 2.1    | U         | 2.1  | 0.88 | mg/Kg | ✱ | 09/17/24 10:16 | 09/17/24 14:50 | 1       |
| Cyanide, Total (SW846 9012B)    | 0.13   | J         | 0.20 | 0.11 | mg/Kg | ✱ | 09/15/24 14:31 | 09/15/24 17:16 | 1       |
| Percent Moisture (EPA Moisture) | 4.7    |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:00 | 1       |
| Percent Solids (EPA Moisture)   | 95.3   |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:00 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-5\_4-6

Lab Sample ID: 460-311096-2

Date Collected: 09/09/24 09:30

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 94.0

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | 0.0012 | U         | 0.0012 | 0.00028 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| 1,1-Dichloroethane       | 0.0012 | U         | 0.0012 | 0.00024 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| 1,1-Dichloroethene       | 0.0012 | U         | 0.0012 | 0.00027 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| 1,2,4-Trimethylbenzene   | 0.0012 | U         | 0.0012 | 0.00029 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| 1,2-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00043 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| 1,2-Dichloroethane       | 0.0012 | U         | 0.0012 | 0.00035 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| 1,3,5-Trimethylbenzene   | 0.0012 | U         | 0.0012 | 0.00037 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| 1,3-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00043 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| 1,4-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00027 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| 2-Butanone (MEK)         | 0.0059 | U         | 0.0059 | 0.00044 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| Acetone                  | 0.022  |           | 0.0071 | 0.0068  | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| Benzene                  | 0.0012 | U         | 0.0012 | 0.00031 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| Carbon tetrachloride     | 0.0012 | U         | 0.0012 | 0.00046 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| Chlorobenzene            | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| Chloroform               | 0.0012 | U         | 0.0012 | 0.0012  | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| cis-1,2-Dichloroethene   | 0.0012 | U         | 0.0012 | 0.00043 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| Ethylbenzene             | 0.0012 | U         | 0.0012 | 0.00024 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| Methyl tert-butyl ether  | 0.0012 | U         | 0.0012 | 0.00061 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| Methylene Chloride       | 0.0024 | U         | 0.0024 | 0.0014  | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| m-Xylene & p-Xylene      | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| n-Butylbenzene           | 0.0012 | U         | 0.0012 | 0.00035 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| N-Propylbenzene          | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| o-Xylene                 | 0.0012 | U         | 0.0012 | 0.00023 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| sec-Butylbenzene         | 0.0012 | U         | 0.0012 | 0.00034 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| tert-Butylbenzene        | 0.0012 | U         | 0.0012 | 0.00033 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| Tetrachloroethene        | 0.0012 | U         | 0.0012 | 0.00036 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| Toluene                  | 0.0012 | U         | 0.0012 | 0.00028 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| trans-1,2-Dichloroethene | 0.0012 | U         | 0.0012 | 0.00029 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| Trichloroethene          | 0.0012 | U         | 0.0012 | 0.00038 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| Vinyl chloride           | 0.0012 | U         | 0.0012 | 0.00065 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| Xylenes, Total           | 0.0024 | U         | 0.0024 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:01 | 09/12/24 03:12 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 90        |           | 65 - 138 | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| 4-Bromofluorobenzene         | 101       |           | 71 - 128 | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 50 - 150 | 09/10/24 23:01 | 09/12/24 03:12 | 1       |
| Toluene-d8 (Surr)            | 93        |           | 71 - 126 | 09/10/24 23:01 | 09/12/24 03:12 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte              | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| 1,4-Dioxane          | 0.035  | U         | 0.035 | 0.031  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| 2-Methylphenol       | 0.35   | U         | 0.35  | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| 3 & 4 Methylphenol   | 0.35   | U         | 0.35  | 0.022  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Acenaphthene         | 0.081  | J         | 0.35  | 0.010  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Acenaphthylene       | 0.19   | J         | 0.35  | 0.010  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Anthracene           | 0.50   |           | 0.35  | 0.011  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Benzo[a]anthracene   | 1.9    |           | 0.035 | 0.026  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Benzo[a]pyrene       | 2.0    |           | 0.035 | 0.0093 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Benzo[b]fluoranthene | 2.5    |           | 0.035 | 0.0091 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Benzo[g,h,i]perylene | 1.4    | *         | 0.35  | 0.010  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-5\_4-6

Lab Sample ID: 460-311096-2

Date Collected: 09/09/24 09:30

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 94.0

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Benzo[k]fluoranthene   | 1.1    | *         | 0.035 | 0.0069 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Chrysene               | 1.9    |           | 0.35  | 0.015  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Dibenz(a,h)anthracene  | 0.32   |           | 0.035 | 0.015  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Dibenzofuran           | 0.076  | J         | 0.35  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Fluoranthene           | 4.0    |           | 0.35  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Fluorene               | 0.13   | J         | 0.35  | 0.010  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Hexachlorobenzene      | 0.035  | U         | 0.035 | 0.017  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Indeno[1,2,3-cd]pyrene | 1.4    |           | 0.035 | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Naphthalene            | 0.040  | J         | 0.35  | 0.0061 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Pentachlorophenol      | 0.28   | U         | 0.28  | 0.072  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Phenanthrene           | 2.4    |           | 0.35  | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Phenol                 | 0.35   | U         | 0.35  | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Pyrene                 | 3.5    |           | 0.35  | 0.0087 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:33 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 88        |           | 24 - 137 | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| 2-Fluorobiphenyl            | 91        |           | 38 - 128 | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| 2-Fluorophenol (Surr)       | 91        |           | 31 - 133 | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Nitrobenzene-d5 (Surr)      | 92        |           | 31 - 120 | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Phenol-d5 (Surr)            | 95        |           | 35 - 132 | 09/11/24 20:46 | 09/12/24 07:33 | 1       |
| Terphenyl-d14 (Surr)        | 96        |           | 44 - 147 | 09/11/24 20:46 | 09/12/24 07:33 | 1       |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 4,4'-DDD              | 0.066  |           | 0.0071 | 0.0012  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| 4,4'-DDE              | 0.021  |           | 0.0071 | 0.00084 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| 4,4'-DDT              | 0.011  |           | 0.0071 | 0.0013  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| Aldrin                | 0.0071 | U         | 0.0071 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| alpha-BHC             | 0.0021 | U         | 0.0021 | 0.00072 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| beta-BHC              | 0.0021 | U         | 0.0021 | 0.00080 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| Chlordane (technical) | 0.093  |           | 0.071  | 0.017   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| cis-Chlordane         | 0.016  | p         | 0.0071 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| delta-BHC             | 0.0021 | U         | 0.0021 | 0.00044 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| Dieldrin              | 0.0021 | U         | 0.0021 | 0.00092 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| Endosulfan I          | 0.0071 | U         | 0.0071 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| Endosulfan II         | 0.0071 | U         | 0.0071 | 0.0018  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| Endosulfan sulfate    | 0.0071 | U         | 0.0071 | 0.00089 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| Endrin                | 0.0071 | U         | 0.0071 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| Endrin aldehyde       | 0.0071 | U         | 0.0071 | 0.0017  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| Endrin ketone         | 0.0071 | U         | 0.0071 | 0.0014  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| gamma-BHC (Lindane)   | 0.0021 | U         | 0.0021 | 0.00066 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| Heptachlor            | 0.0071 | U         | 0.0071 | 0.00084 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| Heptachlor epoxide    | 0.0071 | U         | 0.0071 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| Methoxychlor          | 0.0071 | U         | 0.0071 | 0.0016  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| Toxaphene             | 0.071  | U         | 0.071  | 0.026   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:42 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 55        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| DCB Decachlorobiphenyl | 53        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 05:42 | 1       |
| Tetrachloro-m-xylene   | 41        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 05:42 | 1       |

Eurofins Edison

# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-5\_4-6

Lab Sample ID: 460-311096-2

Date Collected: 09/09/24 09:30

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 94.0

## Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene | 42        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 05:42 | 1       |

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

| Analyte                          | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aroclor 1016                     | 0.071  | U         | 0.071 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:19 | 1       |
| Aroclor 1221                     | 0.071  | U         | 0.071 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:19 | 1       |
| Aroclor 1232                     | 0.071  | U         | 0.071 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:19 | 1       |
| Aroclor 1242                     | 0.071  | U         | 0.071 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:19 | 1       |
| Aroclor 1248                     | 0.071  | U         | 0.071 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:19 | 1       |
| Aroclor 1254                     | 0.071  | U         | 0.071 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:19 | 1       |
| Aroclor 1260                     | 0.071  | U         | 0.071 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:19 | 1       |
| Aroclor-1262                     | 0.071  | U         | 0.071 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:19 | 1       |
| Aroclor 1268                     | 0.071  | U         | 0.071 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:19 | 1       |
| Polychlorinated biphenyls, Total | 0.071  | U         | 0.071 | 0.019 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:19 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 44        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 00:19 | 1       |
| DCB Decachlorobiphenyl | 36        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 00:19 | 1       |
| Tetrachloro-m-xylene   | 31        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 00:19 | 1       |
| Tetrachloro-m-xylene   | 31        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 00:19 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic   | 2.3    |           | 0.98 | 0.10  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:33 | 1       |
| Barium    | 786    |           | 2.0  | 0.14  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:33 | 1       |
| Beryllium | 0.20   | J         | 0.39 | 0.056 | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:33 | 1       |
| Cadmium   | 0.51   | J         | 0.98 | 0.11  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:33 | 1       |
| Chromium  | 19.6   |           | 2.0  | 0.89  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:33 | 1       |
| Copper    | 18.6   |           | 2.0  | 0.36  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:33 | 1       |
| Lead      | 724    |           | 0.59 | 0.20  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:33 | 1       |
| Manganese | 122    |           | 3.9  | 0.39  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:33 | 1       |
| Nickel    | 18.2   |           | 2.0  | 0.46  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:33 | 1       |
| Selenium  | 0.13   | J         | 1.2  | 0.12  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:33 | 1       |
| Silver    | 0.090  | J         | 0.39 | 0.087 | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:33 | 1       |
| Zinc      | 493    |           | 7.8  | 3.0   | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:33 | 1       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.19   |           | 0.016 | 0.0077 | mg/Kg | ✱ | 09/13/24 01:13 | 09/13/24 06:26 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Cr (III) (SW846 7196A)          | 19.6   |           | 2.0  | 2.0  | mg/Kg | ✱ |                | 09/12/24 12:25 | 1       |
| Cr (VI) (SW846 7196A)           | 2.1    | U         | 2.1  | 0.90 | mg/Kg | ✱ | 09/17/24 10:16 | 09/17/24 14:50 | 1       |
| Cyanide, Total (SW846 9012B)    | 0.83   |           | 0.21 | 0.11 | mg/Kg | ✱ | 09/15/24 14:31 | 09/15/24 17:17 | 1       |
| Percent Moisture (EPA Moisture) | 6.0    |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:00 | 1       |
| Percent Solids (EPA Moisture)   | 94.0   |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:00 | 1       |

Eurofins Edison

# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-10\_0-2

Lab Sample ID: 460-311096-3

Date Collected: 09/09/24 10:10

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 97.0

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result         | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|----------------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | 0.0012         | U         | 0.0012 | 0.00028 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| 1,1-Dichloroethane       | 0.0012         | U         | 0.0012 | 0.00025 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| 1,1-Dichloroethene       | 0.0012         | U         | 0.0012 | 0.00027 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| 1,2,4-Trimethylbenzene   | 0.0012         | U         | 0.0012 | 0.00030 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| 1,2-Dichlorobenzene      | 0.0012         | U         | 0.0012 | 0.00043 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| 1,2-Dichloroethane       | 0.0012         | U         | 0.0012 | 0.00035 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| 1,3,5-Trimethylbenzene   | 0.0012         | U         | 0.0012 | 0.00038 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| 1,3-Dichlorobenzene      | 0.0012         | U         | 0.0012 | 0.00044 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| 1,4-Dichlorobenzene      | 0.0012         | U         | 0.0012 | 0.00027 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| 2-Butanone (MEK)         | 0.0060         | U         | 0.0060 | 0.00044 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| Acetone                  | 0.0072         | U         | 0.0072 | 0.0069  | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| Benzene                  | 0.0012         | U         | 0.0012 | 0.00031 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| Carbon tetrachloride     | 0.0012         | U         | 0.0012 | 0.00046 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| Chlorobenzene            | 0.0012         | U         | 0.0012 | 0.00021 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| Chloroform               | 0.0012         | U         | 0.0012 | 0.0012  | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| cis-1,2-Dichloroethene   | 0.0012         | U         | 0.0012 | 0.00043 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| Ethylbenzene             | 0.0012         | U         | 0.0012 | 0.00024 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| Methyl tert-butyl ether  | 0.0012         | U         | 0.0012 | 0.00061 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| Methylene Chloride       | 0.0024         | U         | 0.0024 | 0.0014  | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| m-Xylene & p-Xylene      | 0.0012         | U         | 0.0012 | 0.00021 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| n-Butylbenzene           | 0.0012         | U         | 0.0012 | 0.00035 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| N-Propylbenzene          | 0.0012         | U         | 0.0012 | 0.00021 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| o-Xylene                 | 0.0012         | U         | 0.0012 | 0.00023 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| sec-Butylbenzene         | 0.0012         | U         | 0.0012 | 0.00035 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| tert-Butylbenzene        | 0.0012         | U         | 0.0012 | 0.00033 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| Tetrachloroethene        | 0.0012         | U         | 0.0012 | 0.00037 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| <b>Toluene</b>           | <b>0.00055</b> | <b>J</b>  | 0.0012 | 0.00028 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| trans-1,2-Dichloroethene | 0.0012         | U         | 0.0012 | 0.00030 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| Trichloroethene          | 0.0012         | U         | 0.0012 | 0.00038 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| Vinyl chloride           | 0.0012         | U         | 0.0012 | 0.00065 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| Xylenes, Total           | 0.0024         | U         | 0.0024 | 0.00021 | mg/Kg | ✱ | 09/10/24 23:02 | 09/12/24 03:37 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 89        |           | 65 - 138 | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| 4-Bromofluorobenzene         | 101       |           | 71 - 128 | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| Dibromofluoromethane (Surr)  | 98        |           | 50 - 150 | 09/10/24 23:02 | 09/12/24 03:37 | 1       |
| Toluene-d8 (Surr)            | 93        |           | 71 - 126 | 09/10/24 23:02 | 09/12/24 03:37 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                     | Result       | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| 1,4-Dioxane                 | 0.034        | U         | 0.034 | 0.030  | mg/Kg | ✱ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| 2-Methylphenol              | 0.34         | U         | 0.34  | 0.013  | mg/Kg | ✱ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| 3 & 4 Methylphenol          | 0.34         | U         | 0.34  | 0.021  | mg/Kg | ✱ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| <b>Acenaphthene</b>         | <b>0.076</b> | <b>J</b>  | 0.34  | 0.0097 | mg/Kg | ✱ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| <b>Acenaphthylene</b>       | <b>0.18</b>  | <b>J</b>  | 0.34  | 0.0097 | mg/Kg | ✱ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| <b>Anthracene</b>           | <b>0.41</b>  |           | 0.34  | 0.010  | mg/Kg | ✱ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| <b>Benzo[a]anthracene</b>   | <b>2.9</b>   |           | 0.034 | 0.026  | mg/Kg | ✱ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| <b>Benzo[a]pyrene</b>       | <b>3.0</b>   |           | 0.034 | 0.0090 | mg/Kg | ✱ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| <b>Benzo[b]fluoranthene</b> | <b>3.9</b>   |           | 0.034 | 0.0088 | mg/Kg | ✱ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| <b>Benzo[g,h,i]perylene</b> | <b>2.0</b>   | *         | 0.34  | 0.010  | mg/Kg | ✱ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-10\_0-2

Lab Sample ID: 460-311096-3

Date Collected: 09/09/24 10:10

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 97.0

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Benzo[k]fluoranthene   | 1.8    | *         | 0.034 | 0.0067 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| Chrysene               | 2.9    |           | 0.34  | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| Dibenz(a,h)anthracene  | 0.49   |           | 0.034 | 0.015  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| Dibenzofuran           | 0.043  | J         | 0.34  | 0.011  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| Fluoranthene           | 5.8    |           | 0.34  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| Fluorene               | 0.067  | J         | 0.34  | 0.0099 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| Hexachlorobenzene      | 0.034  | U         | 0.034 | 0.016  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| Indeno[1,2,3-cd]pyrene | 2.1    |           | 0.034 | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| Naphthalene            | 0.030  | J         | 0.34  | 0.0059 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| Pentachlorophenol      | 0.27   | U         | 0.27  | 0.070  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| Phenanthrene           | 2.2    |           | 0.34  | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| Phenol                 | 0.34   | U         | 0.34  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| Pyrene                 | 5.0    |           | 0.34  | 0.0084 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 07:50 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 90        |           | 24 - 137 | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| 2-Fluorobiphenyl            | 95        |           | 38 - 128 | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| 2-Fluorophenol (Surr)       | 95        |           | 31 - 133 | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| Nitrobenzene-d5 (Surr)      | 97        |           | 31 - 120 | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| Phenol-d5 (Surr)            | 100       |           | 35 - 132 | 09/11/24 20:46 | 09/12/24 07:50 | 1       |
| Terphenyl-d14 (Surr)        | 99        |           | 44 - 147 | 09/11/24 20:46 | 09/12/24 07:50 | 1       |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 4,4'-DDD              | 0.0069 | U         | 0.0069 | 0.0012  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| 4,4'-DDE              | 0.0069 | U         | 0.0069 | 0.00081 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| 4,4'-DDT              | 0.0026 | J         | 0.0069 | 0.0013  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| Aldrin                | 0.0069 | U         | 0.0069 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| alpha-BHC             | 0.0021 | U         | 0.0021 | 0.00070 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| beta-BHC              | 0.0021 | U         | 0.0021 | 0.00077 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| Chlordane (technical) | 0.069  | U         | 0.069  | 0.017   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| cis-Chlordane         | 0.0069 | U         | 0.0069 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| delta-BHC             | 0.0021 | U         | 0.0021 | 0.00042 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| Dieldrin              | 0.0021 | U         | 0.0021 | 0.00089 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| Endosulfan I          | 0.0069 | U         | 0.0069 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| Endosulfan II         | 0.0069 | U         | 0.0069 | 0.0018  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| Endosulfan sulfate    | 0.0069 | U         | 0.0069 | 0.00086 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| Endrin                | 0.0069 | U         | 0.0069 | 0.00099 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| Endrin aldehyde       | 0.0069 | U         | 0.0069 | 0.0016  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| Endrin ketone         | 0.0069 | U         | 0.0069 | 0.0013  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| gamma-BHC (Lindane)   | 0.0021 | U         | 0.0021 | 0.00064 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| Heptachlor            | 0.0069 | U         | 0.0069 | 0.00081 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| Heptachlor epoxide    | 0.0069 | U         | 0.0069 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| Methoxychlor          | 0.0069 | U         | 0.0069 | 0.0016  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| Toxaphene             | 0.069  | U         | 0.069  | 0.025   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 05:55 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 78        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| DCB Decachlorobiphenyl | 73        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 05:55 | 1       |
| Tetrachloro-m-xylene   | 61        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 05:55 | 1       |

Eurofins Edison

# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-10\_0-2

Lab Sample ID: 460-311096-3

Date Collected: 09/09/24 10:10

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 97.0

## Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene | 62        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 05:55 | 1       |

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

| Analyte                          | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aroclor 1016                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:36 | 1       |
| Aroclor 1221                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:36 | 1       |
| Aroclor 1232                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:36 | 1       |
| Aroclor 1242                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:36 | 1       |
| Aroclor 1248                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:36 | 1       |
| Aroclor 1254                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:36 | 1       |
| Aroclor 1260                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:36 | 1       |
| Aroclor-1262                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:36 | 1       |
| Aroclor 1268                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:36 | 1       |
| Polychlorinated biphenyls, Total | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:36 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 51        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 00:36 | 1       |
| DCB Decachlorobiphenyl | 42        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 00:36 | 1       |
| Tetrachloro-m-xylene   | 44        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 00:36 | 1       |
| Tetrachloro-m-xylene   | 44        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 00:36 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic   | 2.7    |           | 0.92 | 0.095 | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:38 | 1       |
| Barium    | 292    |           | 1.8  | 0.13  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:38 | 1       |
| Beryllium | 0.13   | J         | 0.37 | 0.052 | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:38 | 1       |
| Cadmium   | 0.44   | J         | 0.92 | 0.10  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:38 | 1       |
| Chromium  | 8.1    |           | 1.8  | 0.84  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:38 | 1       |
| Copper    | 16.4   |           | 1.8  | 0.34  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:38 | 1       |
| Lead      | 1320   |           | 0.55 | 0.18  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:38 | 1       |
| Manganese | 98.0   |           | 3.7  | 0.37  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:38 | 1       |
| Nickel    | 7.8    |           | 1.8  | 0.43  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:38 | 1       |
| Selenium  | 0.16   | J         | 1.2  | 0.12  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:38 | 1       |
| Silver    | 0.13   | J         | 0.37 | 0.082 | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:38 | 1       |
| Zinc      | 230    |           | 7.4  | 2.8   | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:38 | 1       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.17   |           | 0.017 | 0.0079 | mg/Kg | ✱ | 09/13/24 01:13 | 09/13/24 06:27 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Cr (III) (SW846 7196A)          | 8.1    |           | 2.0  | 2.0  | mg/Kg | ✱ |                | 09/12/24 12:25 | 1       |
| Cr (VI) (SW846 7196A)           | 2.0    | U         | 2.0  | 0.86 | mg/Kg | ✱ | 09/17/24 10:16 | 09/17/24 14:50 | 1       |
| Cyanide, Total (SW846 9012B)    | 0.14   | J         | 0.21 | 0.11 | mg/Kg | ✱ | 09/15/24 14:31 | 09/15/24 17:17 | 1       |
| Percent Moisture (EPA Moisture) | 3.0    |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:00 | 1       |
| Percent Solids (EPA Moisture)   | 97.0   |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:00 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-10\_4-6

Lab Sample ID: 460-311096-4

Date Collected: 09/09/24 10:25

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 97.7

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane    | 0.0012 | U         | 0.0012 | 0.00027 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| 1,1-Dichloroethane       | 0.0012 | U         | 0.0012 | 0.00024 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| 1,1-Dichloroethene       | 0.0012 | U         | 0.0012 | 0.00027 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| 1,2,4-Trimethylbenzene   | 0.0012 | U         | 0.0012 | 0.00029 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| 1,2-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00043 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| 1,2-Dichloroethane       | 0.0012 | U         | 0.0012 | 0.00035 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| 1,3,5-Trimethylbenzene   | 0.0012 | U         | 0.0012 | 0.00037 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| 1,3-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00043 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| 1,4-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00027 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| 2-Butanone (MEK)         | 0.0059 | U         | 0.0059 | 0.00043 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| Acetone                  | 0.0071 | U         | 0.0071 | 0.0067  | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| Benzene                  | 0.0012 | U         | 0.0012 | 0.00030 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| Carbon tetrachloride     | 0.0012 | U         | 0.0012 | 0.00046 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| Chlorobenzene            | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| Chloroform               | 0.0012 | U         | 0.0012 | 0.0011  | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| cis-1,2-Dichloroethene   | 0.0012 | U         | 0.0012 | 0.00042 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| Ethylbenzene             | 0.0012 | U         | 0.0012 | 0.00023 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| Methyl tert-butyl ether  | 0.0012 | U         | 0.0012 | 0.00060 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| Methylene Chloride       | 0.0024 | U         | 0.0024 | 0.0014  | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| m-Xylene & p-Xylene      | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| n-Butylbenzene           | 0.0012 | U         | 0.0012 | 0.00035 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| N-Propylbenzene          | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| o-Xylene                 | 0.0012 | U         | 0.0012 | 0.00023 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| sec-Butylbenzene         | 0.0012 | U         | 0.0012 | 0.00034 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| tert-Butylbenzene        | 0.0012 | U         | 0.0012 | 0.00033 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| Tetrachloroethene        | 0.0012 | U         | 0.0012 | 0.00036 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| Toluene                  | 0.0012 | U         | 0.0012 | 0.00028 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| trans-1,2-Dichloroethene | 0.0012 | U         | 0.0012 | 0.00029 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| Trichloroethene          | 0.0012 | U         | 0.0012 | 0.00038 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| Vinyl chloride           | 0.0012 | U         | 0.0012 | 0.00064 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| Xylenes, Total           | 0.0024 | U         | 0.0024 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:03 | 09/12/24 04:02 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 91        |           | 65 - 138 | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| 4-Bromofluorobenzene         | 100       |           | 71 - 128 | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| Dibromofluoromethane (Surr)  | 100       |           | 50 - 150 | 09/10/24 23:03 | 09/12/24 04:02 | 1       |
| Toluene-d8 (Surr)            | 92        |           | 71 - 126 | 09/10/24 23:03 | 09/12/24 04:02 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte              | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| 1,4-Dioxane          | 0.034  | U         | 0.034 | 0.029  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| 2-Methylphenol       | 0.34   | U         | 0.34  | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| 3 & 4 Methylphenol   | 0.34   | U         | 0.34  | 0.021  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Acenaphthene         | 0.018  | J         | 0.34  | 0.0096 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Acenaphthylene       | 0.062  | J         | 0.34  | 0.0096 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Anthracene           | 0.076  | J         | 0.34  | 0.010  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Benzo[a]anthracene   | 0.24   |           | 0.034 | 0.025  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Benzo[a]pyrene       | 0.30   |           | 0.034 | 0.0090 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Benzo[b]fluoranthene | 0.37   |           | 0.034 | 0.0087 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Benzo[g,h,i]perylene | 0.25   | J *       | 0.34  | 0.0099 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-10\_4-6

Lab Sample ID: 460-311096-4

Date Collected: 09/09/24 10:25

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 97.7

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Benzo[k]fluoranthene   | 0.14   | *         | 0.034 | 0.0066 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Chrysene               | 0.26   | J         | 0.34  | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Dibenz(a,h)anthracene  | 0.029  | J         | 0.034 | 0.015  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Dibenzofuran           | 0.013  | J         | 0.34  | 0.011  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Fluoranthene           | 0.55   |           | 0.34  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Fluorene               | 0.021  | J         | 0.34  | 0.0099 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Hexachlorobenzene      | 0.034  | U         | 0.034 | 0.016  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Indeno[1,2,3-cd]pyrene | 0.25   |           | 0.034 | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Naphthalene            | 0.012  | J         | 0.34  | 0.0058 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Pentachlorophenol      | 0.27   | U         | 0.27  | 0.069  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Phenanthrene           | 0.31   | J         | 0.34  | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Phenol                 | 0.34   | U         | 0.34  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Pyrene                 | 0.46   |           | 0.34  | 0.0084 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:42 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 91        |           | 24 - 137 | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| 2-Fluorobiphenyl            | 96        |           | 38 - 128 | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| 2-Fluorophenol (Surr)       | 96        |           | 31 - 133 | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Nitrobenzene-d5 (Surr)      | 98        |           | 31 - 120 | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Phenol-d5 (Surr)            | 100       |           | 35 - 132 | 09/11/24 20:46 | 09/12/24 08:42 | 1       |
| Terphenyl-d14 (Surr)        | 98        |           | 44 - 147 | 09/11/24 20:46 | 09/12/24 08:42 | 1       |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 4,4'-DDD              | 0.0069 | U         | 0.0069 | 0.0012  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| 4,4'-DDE              | 0.0069 | U         | 0.0069 | 0.00081 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| 4,4'-DDT              | 0.0069 | U         | 0.0069 | 0.0013  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| Aldrin                | 0.0069 | U         | 0.0069 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| alpha-BHC             | 0.0020 | U         | 0.0020 | 0.00070 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| beta-BHC              | 0.0020 | U         | 0.0020 | 0.00077 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| Chlordane (technical) | 0.069  | U         | 0.069  | 0.017   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| cis-Chlordane         | 0.0069 | U         | 0.0069 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| delta-BHC             | 0.0020 | U         | 0.0020 | 0.00042 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| Dieldrin              | 0.0020 | U         | 0.0020 | 0.00089 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| Endosulfan I          | 0.0069 | U         | 0.0069 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| Endosulfan II         | 0.0069 | U         | 0.0069 | 0.0018  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| Endosulfan sulfate    | 0.0069 | U         | 0.0069 | 0.00086 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| Endrin                | 0.0069 | U         | 0.0069 | 0.00098 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| Endrin aldehyde       | 0.0069 | U         | 0.0069 | 0.0016  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| Endrin ketone         | 0.0069 | U         | 0.0069 | 0.0013  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| gamma-BHC (Lindane)   | 0.0020 | U         | 0.0020 | 0.00063 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| Heptachlor            | 0.0069 | U         | 0.0069 | 0.00081 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| Heptachlor epoxide    | 0.0069 | U         | 0.0069 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| Methoxychlor          | 0.0069 | U         | 0.0069 | 0.0016  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| Toxaphene             | 0.069  | U         | 0.069  | 0.025   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:08 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 89        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| DCB Decachlorobiphenyl | 81        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 06:08 | 1       |
| Tetrachloro-m-xylene   | 66        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 06:08 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-10\_4-6

Lab Sample ID: 460-311096-4

Date Collected: 09/09/24 10:25

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 97.7

## Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

| Surrogate            | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------------|-----------|-----------|----------|----------------|----------------|---------|
| Tetrachloro-m-xylene | 67        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 06:08 | 1       |

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

| Analyte                          | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aroclor 1016                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:52 | 1       |
| Aroclor 1221                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:52 | 1       |
| Aroclor 1232                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:52 | 1       |
| Aroclor 1242                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:52 | 1       |
| Aroclor 1248                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:52 | 1       |
| Aroclor 1254                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:52 | 1       |
| Aroclor 1260                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:52 | 1       |
| Aroclor-1262                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:52 | 1       |
| Aroclor 1268                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:52 | 1       |
| Polychlorinated biphenyls, Total | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 00:52 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 56        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 00:52 | 1       |
| DCB Decachlorobiphenyl | 43        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 00:52 | 1       |
| Tetrachloro-m-xylene   | 49        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 00:52 | 1       |
| Tetrachloro-m-xylene   | 47        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 00:52 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic   | 2.9    |           | 0.95 | 0.098 | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:48 | 1       |
| Barium    | 122    |           | 1.9  | 0.14  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:48 | 1       |
| Beryllium | 0.12   | J         | 0.38 | 0.054 | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:48 | 1       |
| Cadmium   | 0.32   | J         | 0.95 | 0.11  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:48 | 1       |
| Chromium  | 11.3   |           | 1.9  | 0.86  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:48 | 1       |
| Copper    | 12.3   |           | 1.9  | 0.35  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:48 | 1       |
| Lead      | 111    |           | 0.57 | 0.19  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:48 | 1       |
| Manganese | 60.6   |           | 3.8  | 0.38  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:48 | 1       |
| Nickel    | 7.8    |           | 1.9  | 0.45  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:48 | 1       |
| Selenium  | 0.15   | J         | 1.2  | 0.12  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:48 | 1       |
| Silver    | 0.38   | U         | 0.38 | 0.084 | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:48 | 1       |
| Zinc      | 99.3   |           | 7.6  | 2.9   | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 20:48 | 1       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.049  |           | 0.017 | 0.0079 | mg/Kg | ✱ | 09/13/24 01:13 | 09/13/24 06:29 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Cr (III) (SW846 7196A)          | 11.3   |           | 2.0  | 2.0  | mg/Kg | ✱ |                | 09/12/24 12:25 | 1       |
| Cr (VI) (SW846 7196A)           | 2.0    | U         | 2.0  | 0.85 | mg/Kg | ✱ | 09/17/24 10:16 | 09/17/24 14:50 | 1       |
| Cyanide, Total (SW846 9012B)    | 0.24   |           | 0.21 | 0.12 | mg/Kg | ✱ | 09/15/24 14:31 | 09/15/24 17:22 | 1       |
| Percent Moisture (EPA Moisture) | 2.3    |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:00 | 1       |
| Percent Solids (EPA Moisture)   | 97.7   |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:00 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: FB\_09092024

Lab Sample ID: 460-311096-5

Date Collected: 09/09/24 11:35

Matrix: Water

Date Received: 09/10/24 18:30

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                  | Result | Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane    | 1.0    | U         | 1.0 | 0.24 | ug/L |   |          | 09/13/24 08:57 | 1       |
| 1,1-Dichloroethane       | 1.0    | U         | 1.0 | 0.26 | ug/L |   |          | 09/13/24 08:57 | 1       |
| 1,1-Dichloroethene       | 1.0    | U         | 1.0 | 0.26 | ug/L |   |          | 09/13/24 08:57 | 1       |
| 1,2,4-Trimethylbenzene   | 1.0    | U         | 1.0 | 0.37 | ug/L |   |          | 09/13/24 08:57 | 1       |
| 1,2-Dichlorobenzene      | 1.0    | U         | 1.0 | 0.21 | ug/L |   |          | 09/13/24 08:57 | 1       |
| 1,2-Dichloroethane       | 1.0    | U         | 1.0 | 0.43 | ug/L |   |          | 09/13/24 08:57 | 1       |
| 1,3,5-Trimethylbenzene   | 1.0    | U         | 1.0 | 0.33 | ug/L |   |          | 09/13/24 08:57 | 1       |
| 1,3-Dichlorobenzene      | 1.0    | U         | 1.0 | 0.34 | ug/L |   |          | 09/13/24 08:57 | 1       |
| 1,4-Dichlorobenzene      | 1.0    | U         | 1.0 | 0.33 | ug/L |   |          | 09/13/24 08:57 | 1       |
| 2-Butanone (MEK)         | 5.0    | U         | 5.0 | 1.9  | ug/L |   |          | 09/13/24 08:57 | 1       |
| Acetone                  | 5.0    | U         | 5.0 | 4.4  | ug/L |   |          | 09/13/24 08:57 | 1       |
| Benzene                  | 1.0    | U         | 1.0 | 0.20 | ug/L |   |          | 09/13/24 08:57 | 1       |
| Carbon tetrachloride     | 1.0    | U *       | 1.0 | 0.21 | ug/L |   |          | 09/13/24 08:57 | 1       |
| Chlorobenzene            | 1.0    | U         | 1.0 | 0.38 | ug/L |   |          | 09/13/24 08:57 | 1       |
| Chloroform               | 1.0    | U         | 1.0 | 0.33 | ug/L |   |          | 09/13/24 08:57 | 1       |
| cis-1,2-Dichloroethene   | 1.0    | U         | 1.0 | 0.22 | ug/L |   |          | 09/13/24 08:57 | 1       |
| Ethylbenzene             | 1.0    | U         | 1.0 | 0.30 | ug/L |   |          | 09/13/24 08:57 | 1       |
| Methyl tert-butyl ether  | 1.0    | U         | 1.0 | 0.22 | ug/L |   |          | 09/13/24 08:57 | 1       |
| Methylene Chloride       | 1.0    | U         | 1.0 | 0.32 | ug/L |   |          | 09/13/24 08:57 | 1       |
| m-Xylene & p-Xylene      | 1.0    | U         | 1.0 | 0.30 | ug/L |   |          | 09/13/24 08:57 | 1       |
| n-Butylbenzene           | 1.0    | U         | 1.0 | 0.32 | ug/L |   |          | 09/13/24 08:57 | 1       |
| N-Propylbenzene          | 1.0    | U         | 1.0 | 0.32 | ug/L |   |          | 09/13/24 08:57 | 1       |
| o-Xylene                 | 1.0    | U         | 1.0 | 0.36 | ug/L |   |          | 09/13/24 08:57 | 1       |
| sec-Butylbenzene         | 1.0    | U         | 1.0 | 0.37 | ug/L |   |          | 09/13/24 08:57 | 1       |
| tert-Butylbenzene        | 1.0    | U         | 1.0 | 0.34 | ug/L |   |          | 09/13/24 08:57 | 1       |
| Tetrachloroethene        | 1.0    | U         | 1.0 | 0.25 | ug/L |   |          | 09/13/24 08:57 | 1       |
| Toluene                  | 1.0    | U         | 1.0 | 0.38 | ug/L |   |          | 09/13/24 08:57 | 1       |
| trans-1,2-Dichloroethene | 1.0    | U         | 1.0 | 0.24 | ug/L |   |          | 09/13/24 08:57 | 1       |
| Trichloroethene          | 1.0    | U         | 1.0 | 0.31 | ug/L |   |          | 09/13/24 08:57 | 1       |
| Vinyl chloride           | 1.0    | U         | 1.0 | 0.17 | ug/L |   |          | 09/13/24 08:57 | 1       |
| Xylenes, Total           | 2.0    | U         | 2.0 | 0.65 | ug/L |   |          | 09/13/24 08:57 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 95        |           | 70 - 128 |          | 09/13/24 08:57 | 1       |
| 4-Bromofluorobenzene         | 98        |           | 76 - 120 |          | 09/13/24 08:57 | 1       |
| Dibromofluoromethane (Surr)  | 105       |           | 77 - 132 |          | 09/13/24 08:57 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |          | 09/13/24 08:57 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte              | Result | Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| 2-Methylphenol       | 10     | U         | 10  | 0.67 | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| 3 & 4 Methylphenol   | 10     | U         | 10  | 0.64 | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Acenaphthene         | 10     | U         | 10  | 1.1  | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Acenaphthylene       | 10     | U         | 10  | 0.82 | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Anthracene           | 10     | U         | 10  | 1.3  | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Benzo[a]anthracene   | 1.0    | U         | 1.0 | 0.59 | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Benzo[a]pyrene       | 1.0    | U         | 1.0 | 0.41 | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Benzo[b]fluoranthene | 2.0    | U         | 2.0 | 0.68 | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Benzo[g,h,i]perylene | 10     | U         | 10  | 0.70 | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Benzo[k]fluoranthene | 1.0    | U         | 1.0 | 0.67 | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: FB\_09092024

Lab Sample ID: 460-311096-5

Date Collected: 09/09/24 11:35

Matrix: Water

Date Received: 09/10/24 18:30

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                | Result | Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| Chrysene               | 2.0    | U         | 2.0 | 0.91 | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Dibenz(a,h)anthracene  | 1.0    | U         | 1.0 | 0.72 | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Dibenzofuran           | 10     | U         | 10  | 1.1  | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Fluoranthene           | 10     | U         | 10  | 0.84 | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Fluorene               | 10     | U         | 10  | 0.91 | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Hexachlorobenzene      | 1.0    | U         | 1.0 | 0.40 | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Indeno[1,2,3-cd]pyrene | 2.0    | U         | 2.0 | 0.94 | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Naphthalene            | 2.0    | U         | 2.0 | 0.54 | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Pentachlorophenol      | 20     | U         | 20  | 1.4  | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Phenanthrene           | 10     | U         | 10  | 1.3  | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Phenol                 | 10     | U         | 10  | 0.29 | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Pyrene                 | 10     | U         | 10  | 1.6  | ug/L |   | 09/12/24 12:22 | 09/13/24 03:43 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 114       |           | 37 - 150 | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| 2-Fluorobiphenyl            | 105       |           | 46 - 139 | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| 2-Fluorophenol (Surr)       | 56        |           | 16 - 80  | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Nitrobenzene-d5 (Surr)      | 107       |           | 51 - 145 | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Phenol-d5 (Surr)            | 36        |           | 10 - 56  | 09/12/24 12:22 | 09/13/24 03:43 | 1       |
| Terphenyl-d14 (Surr)        | 79        |           | 13 - 159 | 09/12/24 12:22 | 09/13/24 03:43 | 1       |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte               | Result | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|-------|--------|------|---|----------------|----------------|---------|
| 4,4'-DDD              | 0.020  | U         | 0.020 | 0.0060 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| 4,4'-DDE              | 0.020  | U         | 0.020 | 0.0020 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| 4,4'-DDT              | 0.020  | U         | 0.020 | 0.0040 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| Aldrin                | 0.020  | U         | 0.020 | 0.0030 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| alpha-BHC             | 0.020  | U         | 0.020 | 0.0070 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| beta-BHC              | 0.020  | U         | 0.020 | 0.015  | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| Chlordane (technical) | 0.50   | U         | 0.50  | 0.055  | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| cis-Chlordane         | 0.020  | U         | 0.020 | 0.0020 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| delta-BHC             | 0.020  | U         | 0.020 | 0.0050 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| Dieldrin              | 0.020  | U         | 0.020 | 0.0030 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| Endosulfan I          | 0.020  | U         | 0.020 | 0.0020 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| Endosulfan II         | 0.020  | U         | 0.020 | 0.0040 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| Endosulfan sulfate    | 0.020  | U         | 0.020 | 0.0060 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| Endrin                | 0.020  | U         | 0.020 | 0.0040 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| Endrin aldehyde       | 0.020  | U         | 0.020 | 0.0080 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| Endrin ketone         | 0.020  | U         | 0.020 | 0.0080 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| gamma-BHC (Lindane)   | 0.020  | U         | 0.020 | 0.012  | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| Heptachlor            | 0.020  | U         | 0.020 | 0.0030 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| Heptachlor epoxide    | 0.020  | U         | 0.020 | 0.0050 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| Methoxychlor          | 0.020  | U         | 0.020 | 0.0040 | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| Toxaphene             | 0.50   | U         | 0.50  | 0.11   | ug/L |   | 09/11/24 20:10 | 09/12/24 05:03 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 99        |           | 30 - 131 | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| DCB Decachlorobiphenyl | 93        |           | 30 - 131 | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| Tetrachloro-m-xylene   | 83        |           | 34 - 120 | 09/11/24 20:10 | 09/12/24 05:03 | 1       |
| Tetrachloro-m-xylene   | 81        |           | 34 - 120 | 09/11/24 20:10 | 09/12/24 05:03 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: FB\_09092024

Lab Sample ID: 460-311096-5

Date Collected: 09/09/24 11:35

Matrix: Water

Date Received: 09/10/24 18:30

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

| Analyte                          | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Aroclor 1016                     | 0.40   | U         | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 07:41 | 1       |
| Aroclor 1221                     | 0.40   | U         | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 07:41 | 1       |
| Aroclor 1232                     | 0.40   | U         | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 07:41 | 1       |
| Aroclor 1242                     | 0.40   | U         | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 07:41 | 1       |
| Aroclor 1248                     | 0.40   | U         | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 07:41 | 1       |
| Aroclor 1254                     | 0.40   | U         | 0.40 | 0.11 | ug/L |   | 09/11/24 20:11 | 09/12/24 07:41 | 1       |
| Aroclor 1260                     | 0.40   | U         | 0.40 | 0.11 | ug/L |   | 09/11/24 20:11 | 09/12/24 07:41 | 1       |
| Aroclor-1262                     | 0.40   | U         | 0.40 | 0.11 | ug/L |   | 09/11/24 20:11 | 09/12/24 07:41 | 1       |
| Aroclor 1268                     | 0.40   | U         | 0.40 | 0.11 | ug/L |   | 09/11/24 20:11 | 09/12/24 07:41 | 1       |
| Polychlorinated biphenyls, Total | 0.40   | U         | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 07:41 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 82        |           | 18 - 145 | 09/11/24 20:11 | 09/12/24 07:41 | 1       |
| DCB Decachlorobiphenyl | 68        |           | 18 - 145 | 09/11/24 20:11 | 09/12/24 07:41 | 1       |
| Tetrachloro-m-xylene   | 67        |           | 21 - 124 | 09/11/24 20:11 | 09/12/24 07:41 | 1       |
| Tetrachloro-m-xylene   | 71        |           | 21 - 124 | 09/11/24 20:11 | 09/12/24 07:41 | 1       |

## Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte   | Result | Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|------|------|---|----------------|----------------|---------|
| Arsenic   | 2.0    | U         | 2.0  | 1.2  | ug/L |   | 09/11/24 18:55 | 09/12/24 13:40 | 1       |
| Barium    | 4.0    | U         | 4.0  | 0.93 | ug/L |   | 09/11/24 18:55 | 09/12/24 13:40 | 1       |
| Beryllium | 0.80   | U         | 0.80 | 0.12 | ug/L |   | 09/11/24 18:55 | 09/12/24 13:40 | 1       |
| Cadmium   | 2.0    | U         | 2.0  | 0.38 | ug/L |   | 09/11/24 18:55 | 09/12/24 13:40 | 1       |
| Chromium  | 4.0    | U         | 4.0  | 1.7  | ug/L |   | 09/11/24 18:55 | 09/12/24 13:40 | 1       |
| Copper    | 4.0    | U         | 4.0  | 2.0  | ug/L |   | 09/11/24 18:55 | 09/12/24 13:40 | 1       |
| Lead      | 1.2    | U         | 1.2  | 0.42 | ug/L |   | 09/11/24 18:55 | 09/12/24 13:40 | 1       |
| Manganese | 8.0    | U         | 8.0  | 0.84 | ug/L |   | 09/11/24 18:55 | 09/12/24 13:40 | 1       |
| Nickel    | 4.0    | U         | 4.0  | 1.4  | ug/L |   | 09/11/24 18:55 | 09/12/24 13:40 | 1       |
| Selenium  | 2.5    | U         | 2.5  | 0.43 | ug/L |   | 09/11/24 18:55 | 09/12/24 13:40 | 1       |
| Silver    | 2.0    | U         | 2.0  | 1.3  | ug/L |   | 09/11/24 18:55 | 09/12/24 13:40 | 1       |
| Zinc      | 16.0   | U         | 16.0 | 4.2  | ug/L |   | 09/11/24 18:55 | 09/12/24 13:40 | 1       |

## Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| Mercury | 0.20   | U         | 0.20 | 0.091 | ug/L |   | 09/11/24 12:35 | 09/11/24 14:50 | 1       |

## General Chemistry

| Analyte                      | Result | Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------|-----------|-------|--------|------|---|----------------|----------------|---------|
| Cr (III) (SW846 7196A)       | 10.0   | U         | 10.0  | 10.0   | ug/L |   |                | 09/17/24 17:04 | 1       |
| Cr (VI) (SW846 7196A)        | 10.0   | U H       | 10.0  | 8.1    | ug/L |   |                | 09/11/24 08:40 | 1       |
| Cyanide, Total (SW846 9012B) | 0.010  | U         | 0.010 | 0.0040 | mg/L |   | 09/15/24 16:08 | 09/15/24 18:26 | 1       |

Client Sample ID: RXSB-3\_0-2

Lab Sample ID: 460-311096-6

Date Collected: 09/09/24 12:25

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 85.5

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane | 0.0011 | U         | 0.0011 | 0.00025 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| 1,1-Dichloroethane    | 0.0011 | U         | 0.0011 | 0.00023 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| 1,1-Dichloroethene    | 0.0011 | U         | 0.0011 | 0.00025 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |

Eurofins Edison

# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-3\_0-2

Lab Sample ID: 460-311096-6

Date Collected: 09/09/24 12:25

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 85.5

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result         | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|----------------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 1,2,4-Trimethylbenzene   | 0.0011         | U         | 0.0011 | 0.00027 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| 1,2-Dichlorobenzene      | 0.0011         | U         | 0.0011 | 0.00039 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| 1,2-Dichloroethane       | 0.0011         | U         | 0.0011 | 0.00032 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| 1,3,5-Trimethylbenzene   | 0.0011         | U         | 0.0011 | 0.00034 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| 1,3-Dichlorobenzene      | 0.0011         | U         | 0.0011 | 0.00040 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| 1,4-Dichlorobenzene      | 0.0011         | U         | 0.0011 | 0.00025 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| 2-Butanone (MEK)         | 0.0055         | U         | 0.0055 | 0.00040 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| Acetone                  | 0.0066         | U         | 0.0066 | 0.0063  | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| Benzene                  | 0.0011         | U         | 0.0011 | 0.00028 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| Carbon tetrachloride     | 0.0011         | U         | 0.0011 | 0.00042 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| Chlorobenzene            | 0.0011         | U         | 0.0011 | 0.00019 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| Chloroform               | 0.0011         | U         | 0.0011 | 0.0011  | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| cis-1,2-Dichloroethene   | 0.0011         | U         | 0.0011 | 0.00039 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| Ethylbenzene             | 0.0011         | U         | 0.0011 | 0.00022 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| Methyl tert-butyl ether  | 0.0011         | U         | 0.0011 | 0.00056 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| Methylene Chloride       | 0.0022         | U         | 0.0022 | 0.0013  | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| m-Xylene & p-Xylene      | 0.0011         | U         | 0.0011 | 0.00019 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| n-Butylbenzene           | 0.0011         | U         | 0.0011 | 0.00032 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| N-Propylbenzene          | 0.0011         | U         | 0.0011 | 0.00019 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| o-Xylene                 | 0.0011         | U         | 0.0011 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| sec-Butylbenzene         | 0.0011         | U         | 0.0011 | 0.00031 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| tert-Butylbenzene        | 0.0011         | U         | 0.0011 | 0.00030 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| Tetrachloroethene        | 0.0011         | U         | 0.0011 | 0.00033 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| <b>Toluene</b>           | <b>0.00082</b> | <b>J</b>  | 0.0011 | 0.00026 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| trans-1,2-Dichloroethene | 0.0011         | U         | 0.0011 | 0.00027 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| Trichloroethene          | 0.0011         | U         | 0.0011 | 0.00035 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| Vinyl chloride           | 0.0011         | U         | 0.0011 | 0.00060 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| Xylenes, Total           | 0.0022         | U         | 0.0022 | 0.00019 | mg/Kg | ☆ | 09/10/24 23:04 | 09/12/24 04:27 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 92        |           | 65 - 138 | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| 4-Bromofluorobenzene         | 101       |           | 71 - 128 | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| Dibromofluoromethane (Surr)  | 98        |           | 50 - 150 | 09/10/24 23:04 | 09/12/24 04:27 | 1       |
| Toluene-d8 (Surr)            | 92        |           | 71 - 126 | 09/10/24 23:04 | 09/12/24 04:27 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                      | Result       | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|--------------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| 1,4-Dioxane                  | 0.039        | U         | 0.039 | 0.034  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| 2-Methylphenol               | 0.39         | U         | 0.39  | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| 3 & 4 Methylphenol           | 0.39         | U         | 0.39  | 0.024  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| <b>Acenaphthene</b>          | <b>0.051</b> | <b>J</b>  | 0.39  | 0.011  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| <b>Acenaphthylene</b>        | <b>0.17</b>  | <b>J</b>  | 0.39  | 0.011  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| <b>Anthracene</b>            | <b>0.24</b>  | <b>J</b>  | 0.39  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| <b>Benzo[a]anthracene</b>    | <b>1.3</b>   |           | 0.039 | 0.029  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| <b>Benzo[a]pyrene</b>        | <b>1.4</b>   |           | 0.039 | 0.010  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| <b>Benzo[b]fluoranthene</b>  | <b>1.9</b>   |           | 0.039 | 0.010  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| <b>Benzo[g,h,i]perylene</b>  | <b>1.1</b>   | *         | 0.39  | 0.011  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| <b>Benzo[k]fluoranthene</b>  | <b>0.69</b>  | *         | 0.039 | 0.0076 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| <b>Chrysene</b>              | <b>1.3</b>   |           | 0.39  | 0.016  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| <b>Dibenz(a,h)anthracene</b> | <b>0.14</b>  |           | 0.039 | 0.017  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-3\_0-2

Lab Sample ID: 460-311096-6

Date Collected: 09/09/24 12:25

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 85.5

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Dibenzofuran           | 0.026  | J         | 0.39  | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| Fluoranthene           | 2.4    |           | 0.39  | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| Fluorene               | 0.044  | J         | 0.39  | 0.011  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| Hexachlorobenzene      | 0.039  | U         | 0.039 | 0.018  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| Indeno[1,2,3-cd]pyrene | 0.96   |           | 0.039 | 0.015  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| Naphthalene            | 0.038  | J         | 0.39  | 0.0067 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| Pentachlorophenol      | 0.31   | U         | 0.31  | 0.079  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| Phenanthrene           | 1.1    |           | 0.39  | 0.016  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| Phenol                 | 0.39   | U         | 0.39  | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| Pyrene                 | 2.3    |           | 0.39  | 0.0096 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:25 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 92        |           | 24 - 137 | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| 2-Fluorobiphenyl            | 96        |           | 38 - 128 | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| 2-Fluorophenol (Surr)       | 96        |           | 31 - 133 | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| Nitrobenzene-d5 (Surr)      | 97        |           | 31 - 120 | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| Phenol-d5 (Surr)            | 101       |           | 35 - 132 | 09/11/24 20:46 | 09/12/24 08:25 | 1       |
| Terphenyl-d14 (Surr)        | 97        |           | 44 - 147 | 09/11/24 20:46 | 09/12/24 08:25 | 1       |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 4,4'-DDD              | 0.0078 | U         | 0.0078 | 0.0013  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| 4,4'-DDE              | 0.0030 | J         | 0.0078 | 0.00092 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| 4,4'-DDT              | 0.0046 | J         | 0.0078 | 0.0014  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| Aldrin                | 0.0078 | U         | 0.0078 | 0.0012  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| alpha-BHC             | 0.0023 | U         | 0.0023 | 0.00079 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| beta-BHC              | 0.0023 | U         | 0.0023 | 0.00088 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| Chlordane (technical) | 0.078  | U         | 0.078  | 0.019   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| cis-Chlordane         | 0.0035 | J p       | 0.0078 | 0.0012  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| delta-BHC             | 0.0023 | U         | 0.0023 | 0.00048 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| Dieldrin              | 0.0023 | U         | 0.0023 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| Endosulfan I          | 0.0078 | U         | 0.0078 | 0.0012  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| Endosulfan II         | 0.0078 | U         | 0.0078 | 0.0020  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| Endosulfan sulfate    | 0.0078 | U         | 0.0078 | 0.00098 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| Endrin                | 0.0078 | U         | 0.0078 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| Endrin aldehyde       | 0.0078 | U         | 0.0078 | 0.0018  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| Endrin ketone         | 0.0078 | U         | 0.0078 | 0.0015  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| gamma-BHC (Lindane)   | 0.0023 | U         | 0.0023 | 0.00072 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| Heptachlor            | 0.0078 | U         | 0.0078 | 0.00092 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| Heptachlor epoxide    | 0.0078 | U         | 0.0078 | 0.0012  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| Methoxychlor          | 0.0078 | U         | 0.0078 | 0.0018  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| Toxaphene             | 0.078  | U         | 0.078  | 0.028   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:21 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 54        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| DCB Decachlorobiphenyl | 54        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| Tetrachloro-m-xylene   | 43        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 06:21 | 1       |
| Tetrachloro-m-xylene   | 44        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 06:21 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-3\_0-2

Lab Sample ID: 460-311096-6

Date Collected: 09/09/24 12:25

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 85.5

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

| Analyte                          | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aroclor 1016                     | 0.078  | U         | 0.078 | 0.021 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:09 | 1       |
| Aroclor 1221                     | 0.078  | U         | 0.078 | 0.021 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:09 | 1       |
| Aroclor 1232                     | 0.078  | U         | 0.078 | 0.021 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:09 | 1       |
| Aroclor 1242                     | 0.078  | U         | 0.078 | 0.021 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:09 | 1       |
| Aroclor 1248                     | 0.078  | U         | 0.078 | 0.021 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:09 | 1       |
| Aroclor 1254                     | 0.078  | U         | 0.078 | 0.021 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:09 | 1       |
| Aroclor 1260                     | 0.078  | U         | 0.078 | 0.021 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:09 | 1       |
| Aroclor-1262                     | 0.078  | U         | 0.078 | 0.021 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:09 | 1       |
| Aroclor 1268                     | 0.078  | U         | 0.078 | 0.021 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:09 | 1       |
| Polychlorinated biphenyls, Total | 0.078  | U         | 0.078 | 0.021 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:09 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 42        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 01:09 | 1       |
| DCB Decachlorobiphenyl | 34        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 01:09 | 1       |
| Tetrachloro-m-xylene   | 32        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 01:09 | 1       |
| Tetrachloro-m-xylene   | 32        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 01:09 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic   | 6.5    |           | 1.1  | 0.11  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:51 | 1       |
| Barium    | 628    |           | 2.2  | 0.16  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:51 | 1       |
| Beryllium | 0.41   | J         | 0.44 | 0.063 | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:51 | 1       |
| Cadmium   | 1.1    |           | 1.1  | 0.12  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:51 | 1       |
| Chromium  | 17.0   |           | 2.2  | 1.0   | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:51 | 1       |
| Copper    | 36.9   |           | 2.2  | 0.41  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:51 | 1       |
| Lead      | 585    |           | 0.66 | 0.22  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:51 | 1       |
| Manganese | 215    |           | 4.4  | 0.44  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:51 | 1       |
| Nickel    | 22.8   |           | 2.2  | 0.52  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:51 | 1       |
| Selenium  | 0.30   | J         | 1.4  | 0.14  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:51 | 1       |
| Silver    | 0.14   | J         | 0.44 | 0.098 | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:51 | 1       |
| Zinc      | 459    |           | 8.8  | 3.4   | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:51 | 1       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.19   |           | 0.020 | 0.0094 | mg/Kg | ☆ | 09/13/24 01:13 | 09/13/24 06:31 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Cr (III) (SW846 7196A)          | 17.0   |           | 2.0  | 2.0  | mg/Kg | ☆ |                | 09/12/24 12:25 | 1       |
| Cr (VI) (SW846 7196A)           | 2.3    | U         | 2.3  | 0.97 | mg/Kg | ☆ | 09/17/24 10:16 | 09/17/24 14:50 | 1       |
| Cyanide, Total (SW846 9012B)    | 0.26   |           | 0.23 | 0.13 | mg/Kg | ☆ | 09/15/24 14:31 | 09/15/24 17:23 | 1       |
| Percent Moisture (EPA Moisture) | 14.5   |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:01 | 1       |
| Percent Solids (EPA Moisture)   | 85.5   |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:01 | 1       |

Client Sample ID: RXSB-3\_4-6

Lab Sample ID: 460-311096-7

Date Collected: 09/09/24 12:30

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 93.5

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane | 0.0012 | U         | 0.0012 | 0.00029 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-3\_4-6

Lab Sample ID: 460-311096-7

Date Collected: 09/09/24 12:30

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 93.5

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 1,1-Dichloroethane       | 0.0012 | U         | 0.0012 | 0.00026 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| 1,1-Dichloroethene       | 0.0012 | U         | 0.0012 | 0.00028 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| 1,2,4-Trimethylbenzene   | 0.0012 | U         | 0.0012 | 0.00031 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| 1,2-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00045 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| 1,2-Dichloroethane       | 0.0012 | U         | 0.0012 | 0.00037 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| 1,3,5-Trimethylbenzene   | 0.0012 | U         | 0.0012 | 0.00039 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| 1,3-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00046 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| 1,4-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00028 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| 2-Butanone (MEK)         | 0.0062 | U         | 0.0062 | 0.00046 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| Acetone                  | 0.0075 | U         | 0.0075 | 0.0071  | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| Benzene                  | 0.0012 | U         | 0.0012 | 0.00032 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| Carbon tetrachloride     | 0.0012 | U         | 0.0012 | 0.00048 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| Chlorobenzene            | 0.0012 | U         | 0.0012 | 0.00022 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| Chloroform               | 0.0012 | U         | 0.0012 | 0.0012  | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| cis-1,2-Dichloroethene   | 0.0012 | U         | 0.0012 | 0.00045 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| Ethylbenzene             | 0.0012 | U         | 0.0012 | 0.00025 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| Methyl tert-butyl ether  | 0.0012 | U         | 0.0012 | 0.00064 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| Methylene Chloride       | 0.0025 | U         | 0.0025 | 0.0014  | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| m-Xylene & p-Xylene      | 0.0012 | U         | 0.0012 | 0.00022 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| n-Butylbenzene           | 0.0012 | U         | 0.0012 | 0.00037 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| N-Propylbenzene          | 0.0012 | U         | 0.0012 | 0.00022 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| o-Xylene                 | 0.0012 | U         | 0.0012 | 0.00024 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| sec-Butylbenzene         | 0.0012 | U         | 0.0012 | 0.00036 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| tert-Butylbenzene        | 0.0012 | U         | 0.0012 | 0.00034 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| Tetrachloroethene        | 0.0012 | U         | 0.0012 | 0.00038 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| Toluene                  | 0.0012 | U         | 0.0012 | 0.00029 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| trans-1,2-Dichloroethene | 0.0012 | U         | 0.0012 | 0.00031 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| Trichloroethene          | 0.0012 | U         | 0.0012 | 0.00040 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| Vinyl chloride           | 0.0012 | U         | 0.0012 | 0.00068 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| Xylenes, Total           | 0.0025 | U         | 0.0025 | 0.00022 | mg/Kg | ☆ | 09/10/24 23:05 | 09/12/24 04:52 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 92        |           | 65 - 138 | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| 4-Bromofluorobenzene         | 99        |           | 71 - 128 | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| Dibromofluoromethane (Surr)  | 99        |           | 50 - 150 | 09/10/24 23:05 | 09/12/24 04:52 | 1       |
| Toluene-d8 (Surr)            | 91        |           | 71 - 126 | 09/10/24 23:05 | 09/12/24 04:52 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte              | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| 1,4-Dioxane          | 0.035  | U         | 0.035 | 0.031  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| 2-Methylphenol       | 0.35   | U         | 0.35  | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| 3 & 4 Methylphenol   | 0.35   | U         | 0.35  | 0.022  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Acenaphthene         | 0.093  | J         | 0.35  | 0.010  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Acenaphthylene       | 0.25   | J         | 0.35  | 0.010  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Anthracene           | 0.36   |           | 0.35  | 0.011  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Benzo[a]anthracene   | 1.8    |           | 0.035 | 0.027  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Benzo[a]pyrene       | 2.0    |           | 0.035 | 0.0094 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Benzo[b]fluoranthene | 2.5    |           | 0.035 | 0.0091 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Benzo[g,h,i]perylene | 0.86   | *         | 0.35  | 0.010  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Benzo[k]fluoranthene | 1.2    | *         | 0.035 | 0.0069 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-3\_4-6

Lab Sample ID: 460-311096-7

Date Collected: 09/09/24 12:30

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 93.5

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Chrysene               | 1.8    |           | 0.35  | 0.015  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Dibenz(a,h)anthracene  | 0.24   |           | 0.035 | 0.015  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Dibenzofuran           | 0.080  | J         | 0.35  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Fluoranthene           | 4.1    |           | 0.35  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Fluorene               | 0.11   | J         | 0.35  | 0.010  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Hexachlorobenzene      | 0.035  | U         | 0.035 | 0.017  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Indeno[1,2,3-cd]pyrene | 1.0    |           | 0.035 | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Naphthalene            | 0.061  | J         | 0.35  | 0.0061 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Pentachlorophenol      | 0.28   | U         | 0.28  | 0.072  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Phenanthrene           | 2.2    |           | 0.35  | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Phenol                 | 0.35   | U         | 0.35  | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Pyrene                 | 3.4    |           | 0.35  | 0.0088 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:17 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 89        |           | 24 - 137 | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| 2-Fluorobiphenyl            | 94        |           | 38 - 128 | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| 2-Fluorophenol (Surr)       | 93        |           | 31 - 133 | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Nitrobenzene-d5 (Surr)      | 97        |           | 31 - 120 | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Phenol-d5 (Surr)            | 97        |           | 35 - 132 | 09/11/24 20:46 | 09/12/24 09:17 | 1       |
| Terphenyl-d14 (Surr)        | 93        |           | 44 - 147 | 09/11/24 20:46 | 09/12/24 09:17 | 1       |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 4,4'-DDD              | 0.0072 | U         | 0.0072 | 0.0012  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| 4,4'-DDE              | 0.0072 | U         | 0.0072 | 0.00084 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| 4,4'-DDT              | 0.0072 | U         | 0.0072 | 0.0013  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| Aldrin                | 0.0072 | U         | 0.0072 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| alpha-BHC             | 0.0021 | U         | 0.0021 | 0.00073 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| beta-BHC              | 0.0021 | U         | 0.0021 | 0.00080 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| Chlordane (technical) | 0.072  | U         | 0.072  | 0.017   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| cis-Chlordane         | 0.0072 | U         | 0.0072 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| delta-BHC             | 0.0021 | U         | 0.0021 | 0.00044 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| Dieldrin              | 0.0021 | U         | 0.0021 | 0.00093 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| Endosulfan I          | 0.0072 | U         | 0.0072 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| Endosulfan II         | 0.0072 | U         | 0.0072 | 0.0018  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| Endosulfan sulfate    | 0.0072 | U         | 0.0072 | 0.00090 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| Endrin                | 0.0072 | U         | 0.0072 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| Endrin aldehyde       | 0.0072 | U         | 0.0072 | 0.0017  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| Endrin ketone         | 0.0072 | U         | 0.0072 | 0.0014  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| gamma-BHC (Lindane)   | 0.0021 | U         | 0.0021 | 0.00066 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| Heptachlor            | 0.0072 | U         | 0.0072 | 0.00084 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| Heptachlor epoxide    | 0.0072 | U         | 0.0072 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| Methoxychlor          | 0.0072 | U         | 0.0072 | 0.0016  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| Toxaphene             | 0.072  | U         | 0.072  | 0.026   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:34 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 57        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| DCB Decachlorobiphenyl | 59        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| Tetrachloro-m-xylene   | 45        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 06:34 | 1       |
| Tetrachloro-m-xylene   | 47        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 06:34 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-3\_4-6

Lab Sample ID: 460-311096-7

Date Collected: 09/09/24 12:30

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 93.5

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

| Analyte                          | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aroclor 1016                     | 0.072  | U         | 0.072 | 0.019 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:25 | 1       |
| Aroclor 1221                     | 0.072  | U         | 0.072 | 0.019 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:25 | 1       |
| Aroclor 1232                     | 0.072  | U         | 0.072 | 0.019 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:25 | 1       |
| Aroclor 1242                     | 0.072  | U         | 0.072 | 0.019 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:25 | 1       |
| Aroclor 1248                     | 0.072  | U         | 0.072 | 0.019 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:25 | 1       |
| Aroclor 1254                     | 0.072  | U         | 0.072 | 0.019 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:25 | 1       |
| Aroclor 1260                     | 0.072  | U         | 0.072 | 0.019 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:25 | 1       |
| Aroclor-1262                     | 0.072  | U         | 0.072 | 0.019 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:25 | 1       |
| Aroclor 1268                     | 0.072  | U         | 0.072 | 0.019 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:25 | 1       |
| Polychlorinated biphenyls, Total | 0.072  | U         | 0.072 | 0.019 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:25 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 44        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 01:25 | 1       |
| DCB Decachlorobiphenyl | 34        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 01:25 | 1       |
| Tetrachloro-m-xylene   | 33        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 01:25 | 1       |
| Tetrachloro-m-xylene   | 32        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 01:25 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic   | 4.5    |           | 0.98 | 0.10  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:53 | 1       |
| Barium    | 448    |           | 2.0  | 0.14  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:53 | 1       |
| Beryllium | 0.21   | J         | 0.39 | 0.056 | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:53 | 1       |
| Cadmium   | 1.0    |           | 0.98 | 0.11  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:53 | 1       |
| Chromium  | 10.6   |           | 2.0  | 0.89  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:53 | 1       |
| Copper    | 73.8   |           | 2.0  | 0.36  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:53 | 1       |
| Lead      | 634    |           | 0.59 | 0.20  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:53 | 1       |
| Manganese | 117    |           | 3.9  | 0.40  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:53 | 1       |
| Nickel    | 12.2   |           | 2.0  | 0.46  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:53 | 1       |
| Selenium  | 0.48   | J         | 1.2  | 0.13  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:53 | 1       |
| Silver    | 0.18   | J         | 0.39 | 0.087 | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:53 | 1       |
| Zinc      | 503    |           | 7.8  | 3.0   | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:53 | 1       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.13   |           | 0.016 | 0.0075 | mg/Kg | ☆ | 09/16/24 00:42 | 09/16/24 04:24 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Cr (III) (SW846 7196A)          | 10.6   |           | 2.0  | 2.0  | mg/Kg | ☆ |                | 09/12/24 12:25 | 1       |
| Cr (VI) (SW846 7196A)           | 2.1    | U         | 2.1  | 0.88 | mg/Kg | ☆ | 09/17/24 10:16 | 09/17/24 14:50 | 1       |
| Cyanide, Total (SW846 9012B)    | 0.33   |           | 0.23 | 0.13 | mg/Kg | ☆ | 09/15/24 14:31 | 09/15/24 17:24 | 1       |
| Percent Moisture (EPA Moisture) | 6.5    |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:01 | 1       |
| Percent Solids (EPA Moisture)   | 93.5   |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:01 | 1       |

Client Sample ID: RXSB-8\_0-2

Lab Sample ID: 460-311096-8

Date Collected: 09/09/24 13:20

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 97.9

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane | 0.0012 | U         | 0.0012 | 0.00027 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-8\_0-2

Lab Sample ID: 460-311096-8

Date Collected: 09/09/24 13:20

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 97.9

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 1,1-Dichloroethane       | 0.0012 | U         | 0.0012 | 0.00024 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| 1,1-Dichloroethene       | 0.0012 | U         | 0.0012 | 0.00027 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| 1,2,4-Trimethylbenzene   | 0.0012 | U         | 0.0012 | 0.00029 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| 1,2-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00043 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| 1,2-Dichloroethane       | 0.0012 | U         | 0.0012 | 0.00035 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| 1,3,5-Trimethylbenzene   | 0.0012 | U         | 0.0012 | 0.00037 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| 1,3-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00043 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| 1,4-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00027 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| 2-Butanone (MEK)         | 0.0059 | U         | 0.0059 | 0.00043 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| Acetone                  | 0.0071 | U         | 0.0071 | 0.0067  | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| Benzene                  | 0.0012 | U         | 0.0012 | 0.00030 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| Carbon tetrachloride     | 0.0012 | U         | 0.0012 | 0.00046 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| Chlorobenzene            | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| Chloroform               | 0.0012 | U         | 0.0012 | 0.0011  | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| cis-1,2-Dichloroethene   | 0.0012 | U         | 0.0012 | 0.00042 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| Ethylbenzene             | 0.0012 | U         | 0.0012 | 0.00023 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| Methyl tert-butyl ether  | 0.0012 | U         | 0.0012 | 0.00060 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| Methylene Chloride       | 0.0024 | U         | 0.0024 | 0.0013  | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| m-Xylene & p-Xylene      | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| n-Butylbenzene           | 0.0012 | U         | 0.0012 | 0.00035 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| N-Propylbenzene          | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| o-Xylene                 | 0.0012 | U         | 0.0012 | 0.00023 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| sec-Butylbenzene         | 0.0012 | U         | 0.0012 | 0.00034 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| tert-Butylbenzene        | 0.0012 | U         | 0.0012 | 0.00033 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| Tetrachloroethene        | 0.0012 | U         | 0.0012 | 0.00036 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| Toluene                  | 0.0012 | U         | 0.0012 | 0.00028 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| trans-1,2-Dichloroethene | 0.0012 | U         | 0.0012 | 0.00029 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| Trichloroethene          | 0.0012 | U         | 0.0012 | 0.00038 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| Vinyl chloride           | 0.0012 | U         | 0.0012 | 0.00064 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| Xylenes, Total           | 0.0024 | U         | 0.0024 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:06 | 09/12/24 05:16 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 92        |           | 65 - 138 | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| 4-Bromofluorobenzene         | 101       |           | 71 - 128 | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 50 - 150 | 09/10/24 23:06 | 09/12/24 05:16 | 1       |
| Toluene-d8 (Surr)            | 94        |           | 71 - 126 | 09/10/24 23:06 | 09/12/24 05:16 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte              | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| 1,4-Dioxane          | 0.034  | U         | 0.034 | 0.029  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| 2-Methylphenol       | 0.34   | U         | 0.34  | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| 3 & 4 Methylphenol   | 0.34   | U         | 0.34  | 0.021  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Acenaphthene         | 0.027  | J         | 0.34  | 0.0096 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Acenaphthylene       | 0.12   | J         | 0.34  | 0.0096 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Anthracene           | 0.16   | J         | 0.34  | 0.010  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Benzo[a]anthracene   | 0.80   |           | 0.034 | 0.025  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Benzo[a]pyrene       | 0.85   |           | 0.034 | 0.0090 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Benzo[b]fluoranthene | 1.1    |           | 0.034 | 0.0087 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Benzo[g,h,i]perylene | 0.43   | *         | 0.34  | 0.0099 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Benzo[k]fluoranthene | 0.52   | *         | 0.034 | 0.0066 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-8\_0-2

Lab Sample ID: 460-311096-8

Date Collected: 09/09/24 13:20

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 97.9

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Chrysene               | 0.88   |           | 0.34  | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Dibenz(a,h)anthracene  | 0.083  |           | 0.034 | 0.015  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Dibenzofuran           | 0.037  | J         | 0.34  | 0.011  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Fluoranthene           | 1.6    |           | 0.34  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Fluorene               | 0.038  | J         | 0.34  | 0.0099 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Hexachlorobenzene      | 0.034  | U         | 0.034 | 0.016  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Indeno[1,2,3-cd]pyrene | 0.53   |           | 0.034 | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Naphthalene            | 0.026  | J         | 0.34  | 0.0058 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Pentachlorophenol      | 0.27   | U         | 0.27  | 0.069  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Phenanthrene           | 0.92   |           | 0.34  | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Phenol                 | 0.34   | U         | 0.34  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Pyrene                 | 1.3    |           | 0.34  | 0.0084 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:59 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 91        |           | 24 - 137 | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| 2-Fluorobiphenyl            | 98        |           | 38 - 128 | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| 2-Fluorophenol (Surr)       | 98        |           | 31 - 133 | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Nitrobenzene-d5 (Surr)      | 99        |           | 31 - 120 | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Phenol-d5 (Surr)            | 102       |           | 35 - 132 | 09/11/24 20:46 | 09/12/24 08:59 | 1       |
| Terphenyl-d14 (Surr)        | 98        |           | 44 - 147 | 09/11/24 20:46 | 09/12/24 08:59 | 1       |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 4,4'-DDD              | 0.0068 | U         | 0.0068 | 0.0012  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| 4,4'-DDE              | 0.0041 | J         | 0.0068 | 0.00081 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| 4,4'-DDT              | 0.0034 | J         | 0.0068 | 0.0013  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| Aldrin                | 0.0068 | U         | 0.0068 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| alpha-BHC             | 0.0020 | U         | 0.0020 | 0.00069 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| beta-BHC              | 0.0020 | U         | 0.0020 | 0.00076 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| Chlordane (technical) | 0.068  | U         | 0.068  | 0.017   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| cis-Chlordane         | 0.0068 | U         | 0.0068 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| delta-BHC             | 0.0020 | U         | 0.0020 | 0.00042 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| Dieldrin              | 0.0020 | U         | 0.0020 | 0.00089 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| Endosulfan I          | 0.0068 | U         | 0.0068 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| Endosulfan II         | 0.0068 | U         | 0.0068 | 0.0018  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| Endosulfan sulfate    | 0.0068 | U         | 0.0068 | 0.00086 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| Endrin                | 0.0068 | U         | 0.0068 | 0.00098 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| Endrin aldehyde       | 0.0068 | U         | 0.0068 | 0.0016  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| Endrin ketone         | 0.0068 | U         | 0.0068 | 0.0013  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| gamma-BHC (Lindane)   | 0.0020 | U         | 0.0020 | 0.00063 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| Heptachlor            | 0.0068 | U         | 0.0068 | 0.00081 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| Heptachlor epoxide    | 0.0068 | U         | 0.0068 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| Methoxychlor          | 0.0068 | U         | 0.0068 | 0.0016  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| Toxaphene             | 0.068  | U         | 0.068  | 0.025   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 06:47 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 115       |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| DCB Decachlorobiphenyl | 110       |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| Tetrachloro-m-xylene   | 91        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 06:47 | 1       |
| Tetrachloro-m-xylene   | 91        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 06:47 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-8\_0-2

Lab Sample ID: 460-311096-8

Date Collected: 09/09/24 13:20

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 97.9

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

| Analyte                          | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aroclor 1016                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:42 | 1       |
| Aroclor 1221                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:42 | 1       |
| Aroclor 1232                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:42 | 1       |
| Aroclor 1242                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:42 | 1       |
| Aroclor 1248                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:42 | 1       |
| Aroclor 1254                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:42 | 1       |
| Aroclor 1260                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:42 | 1       |
| Aroclor-1262                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:42 | 1       |
| Aroclor 1268                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:42 | 1       |
| Polychlorinated biphenyls, Total | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:42 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 77        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 01:42 | 1       |
| DCB Decachlorobiphenyl | 66        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 01:42 | 1       |
| Tetrachloro-m-xylene   | 63        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 01:42 | 1       |
| Tetrachloro-m-xylene   | 65        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 01:42 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic   | 3.6    |           | 0.99 | 0.10  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:56 | 1       |
| Barium    | 388    |           | 2.0  | 0.14  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:56 | 1       |
| Beryllium | 0.12   | J         | 0.40 | 0.056 | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:56 | 1       |
| Cadmium   | 0.65   | J         | 0.99 | 0.11  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:56 | 1       |
| Chromium  | 8.0    |           | 2.0  | 0.90  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:56 | 1       |
| Copper    | 31.0   |           | 2.0  | 0.36  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:56 | 1       |
| Lead      | 370    |           | 0.59 | 0.20  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:56 | 1       |
| Manganese | 62.1   |           | 4.0  | 0.40  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:56 | 1       |
| Nickel    | 8.1    |           | 2.0  | 0.47  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:56 | 1       |
| Selenium  | 0.29   | J         | 1.2  | 0.13  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:56 | 1       |
| Silver    | 0.14   | J         | 0.40 | 0.088 | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:56 | 1       |
| Zinc      | 318    |           | 7.9  | 3.0   | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:56 | 1       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.38   |           | 0.016 | 0.0077 | mg/Kg | ☆ | 09/16/24 00:42 | 09/16/24 04:26 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Cr (III) (SW846 7196A)          | 8.0    |           | 2.0  | 2.0  | mg/Kg | ☆ |                | 09/12/24 12:25 | 1       |
| Cr (VI) (SW846 7196A)           | 2.0    | U         | 2.0  | 0.84 | mg/Kg | ☆ | 09/17/24 10:16 | 09/17/24 14:50 | 1       |
| Cyanide, Total (SW846 9012B)    | 0.38   |           | 0.19 | 0.10 | mg/Kg | ☆ | 09/15/24 14:31 | 09/15/24 17:25 | 1       |
| Percent Moisture (EPA Moisture) | 2.1    |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:01 | 1       |
| Percent Solids (EPA Moisture)   | 97.9   |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:01 | 1       |

Client Sample ID: RXSB-8\_4-6

Lab Sample ID: 460-311096-9

Date Collected: 09/09/24 13:25

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 98.3

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane | 0.0013 | U         | 0.0013 | 0.00031 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-8\_4-6

Lab Sample ID: 460-311096-9

Date Collected: 09/09/24 13:25

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 98.3

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 1,1-Dichloroethane       | 0.0013 | U         | 0.0013 | 0.00028 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| 1,1-Dichloroethene       | 0.0013 | U         | 0.0013 | 0.00030 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| 1,2,4-Trimethylbenzene   | 0.0013 | U         | 0.0013 | 0.00033 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| 1,2-Dichlorobenzene      | 0.0013 | U         | 0.0013 | 0.00049 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| 1,2-Dichloroethane       | 0.0013 | U         | 0.0013 | 0.00040 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| 1,3,5-Trimethylbenzene   | 0.0013 | U         | 0.0013 | 0.00042 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| 1,3-Dichlorobenzene      | 0.0013 | U         | 0.0013 | 0.00049 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| 1,4-Dichlorobenzene      | 0.0013 | U         | 0.0013 | 0.00030 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| 2-Butanone (MEK)         | 0.0067 | U         | 0.0067 | 0.00050 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| Acetone                  | 0.0081 | U         | 0.0081 | 0.0077  | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| Benzene                  | 0.0013 | U         | 0.0013 | 0.00035 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| Carbon tetrachloride     | 0.0013 | U         | 0.0013 | 0.00052 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| Chlorobenzene            | 0.0013 | U         | 0.0013 | 0.00024 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| Chloroform               | 0.0013 | U         | 0.0013 | 0.0013  | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| cis-1,2-Dichloroethene   | 0.0013 | U         | 0.0013 | 0.00048 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| Ethylbenzene             | 0.0013 | U         | 0.0013 | 0.00027 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| Methyl tert-butyl ether  | 0.0013 | U         | 0.0013 | 0.00069 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| Methylene Chloride       | 0.0027 | U         | 0.0027 | 0.0015  | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| m-Xylene & p-Xylene      | 0.0013 | U         | 0.0013 | 0.00023 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| n-Butylbenzene           | 0.0013 | U         | 0.0013 | 0.00040 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| N-Propylbenzene          | 0.0013 | U         | 0.0013 | 0.00024 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| o-Xylene                 | 0.0013 | U         | 0.0013 | 0.00026 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| sec-Butylbenzene         | 0.0013 | U         | 0.0013 | 0.00039 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| tert-Butylbenzene        | 0.0013 | U         | 0.0013 | 0.00037 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| Tetrachloroethene        | 0.0013 | U         | 0.0013 | 0.00041 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| Toluene                  | 0.0013 | U         | 0.0013 | 0.00031 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| trans-1,2-Dichloroethene | 0.0013 | U         | 0.0013 | 0.00033 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| Trichloroethene          | 0.0013 | U         | 0.0013 | 0.00043 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| Vinyl chloride           | 0.0013 | U         | 0.0013 | 0.00073 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| Xylenes, Total           | 0.0027 | U         | 0.0027 | 0.00023 | mg/Kg | ☆ | 09/10/24 23:07 | 09/12/24 05:41 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 91        |           | 65 - 138 | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| 4-Bromofluorobenzene         | 99        |           | 71 - 128 | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| Dibromofluoromethane (Surr)  | 100       |           | 50 - 150 | 09/10/24 23:07 | 09/12/24 05:41 | 1       |
| Toluene-d8 (Surr)            | 92        |           | 71 - 126 | 09/10/24 23:07 | 09/12/24 05:41 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte              | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| 1,4-Dioxane          | 0.034  | U         | 0.034 | 0.029  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| 2-Methylphenol       | 0.34   | U         | 0.34  | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| 3 & 4 Methylphenol   | 0.34   | U         | 0.34  | 0.021  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Acenaphthene         | 0.021  | J         | 0.34  | 0.0096 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Acenaphthylene       | 0.034  | J         | 0.34  | 0.0096 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Anthracene           | 0.063  | J         | 0.34  | 0.010  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Benzo[a]anthracene   | 0.27   |           | 0.034 | 0.025  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Benzo[a]pyrene       | 0.28   |           | 0.034 | 0.0090 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Benzo[b]fluoranthene | 0.35   |           | 0.034 | 0.0087 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Benzo[g,h,i]perylene | 0.18   | J *       | 0.34  | 0.0099 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Benzo[k]fluoranthene | 0.14   | *         | 0.034 | 0.0066 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-8\_4-6

Lab Sample ID: 460-311096-9

Date Collected: 09/09/24 13:25

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 98.3

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Chrysene               | 0.31   | J         | 0.34  | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Dibenz(a,h)anthracene  | 0.039  |           | 0.034 | 0.015  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Dibenzofuran           | 0.34   | U         | 0.34  | 0.011  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Fluoranthene           | 0.56   |           | 0.34  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Fluorene               | 0.018  | J         | 0.34  | 0.0098 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Hexachlorobenzene      | 0.034  | U         | 0.034 | 0.016  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Indeno[1,2,3-cd]pyrene | 0.19   |           | 0.034 | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Naphthalene            | 0.014  | J         | 0.34  | 0.0058 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Pentachlorophenol      | 0.27   | U         | 0.27  | 0.069  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Phenanthrene           | 0.31   | J         | 0.34  | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Phenol                 | 0.34   | U         | 0.34  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Pyrene                 | 0.55   |           | 0.34  | 0.0084 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 08:07 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 88        |           | 24 - 137 | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| 2-Fluorobiphenyl            | 93        |           | 38 - 128 | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| 2-Fluorophenol (Surr)       | 92        |           | 31 - 133 | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Nitrobenzene-d5 (Surr)      | 92        |           | 31 - 120 | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Phenol-d5 (Surr)            | 95        |           | 35 - 132 | 09/11/24 20:46 | 09/12/24 08:07 | 1       |
| Terphenyl-d14 (Surr)        | 95        |           | 44 - 147 | 09/11/24 20:46 | 09/12/24 08:07 | 1       |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 4,4'-DDD              | 0.0068 | U         | 0.0068 | 0.0012  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| 4,4'-DDE              | 0.0068 | U         | 0.0068 | 0.00080 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| 4,4'-DDT              | 0.0068 | U         | 0.0068 | 0.0012  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| Aldrin                | 0.0068 | U         | 0.0068 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| alpha-BHC             | 0.0020 | U         | 0.0020 | 0.00069 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| beta-BHC              | 0.0020 | U         | 0.0020 | 0.00076 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| Chlordane (technical) | 0.068  | U         | 0.068  | 0.016   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| cis-Chlordane         | 0.0068 | U         | 0.0068 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| delta-BHC             | 0.0020 | U         | 0.0020 | 0.00042 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| Dieldrin              | 0.0020 | U         | 0.0020 | 0.00088 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| Endosulfan I          | 0.0068 | U         | 0.0068 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| Endosulfan II         | 0.0068 | U         | 0.0068 | 0.0017  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| Endosulfan sulfate    | 0.0068 | U         | 0.0068 | 0.00085 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| Endrin                | 0.0068 | U         | 0.0068 | 0.00097 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| Endrin aldehyde       | 0.0068 | U         | 0.0068 | 0.0016  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| Endrin ketone         | 0.0068 | U         | 0.0068 | 0.0013  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| gamma-BHC (Lindane)   | 0.0020 | U         | 0.0020 | 0.00063 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| Heptachlor            | 0.0068 | U         | 0.0068 | 0.00080 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| Heptachlor epoxide    | 0.0068 | U         | 0.0068 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| Methoxychlor          | 0.0068 | U         | 0.0068 | 0.0016  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| Toxaphene             | 0.068  | U         | 0.068  | 0.025   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:00 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 60        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| DCB Decachlorobiphenyl | 61        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| Tetrachloro-m-xylene   | 47        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 07:00 | 1       |
| Tetrachloro-m-xylene   | 49        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 07:00 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-8\_4-6

Lab Sample ID: 460-311096-9

Date Collected: 09/09/24 13:25

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 98.3

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

| Analyte                          | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aroclor 1016                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:59 | 1       |
| Aroclor 1221                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:59 | 1       |
| Aroclor 1232                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:59 | 1       |
| Aroclor 1242                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:59 | 1       |
| Aroclor 1248                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:59 | 1       |
| Aroclor 1254                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:59 | 1       |
| Aroclor 1260                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:59 | 1       |
| Aroclor-1262                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:59 | 1       |
| Aroclor 1268                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:59 | 1       |
| Polychlorinated biphenyls, Total | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 01:59 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 43        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 01:59 | 1       |
| DCB Decachlorobiphenyl | 33        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 01:59 | 1       |
| Tetrachloro-m-xylene   | 35        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 01:59 | 1       |
| Tetrachloro-m-xylene   | 34        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 01:59 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic   | 1.4    |           | 0.92 | 0.095 | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:58 | 1       |
| Barium    | 323    |           | 1.8  | 0.13  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:58 | 1       |
| Beryllium | 0.37   | U         | 0.37 | 0.053 | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:58 | 1       |
| Cadmium   | 0.42   | J         | 0.92 | 0.10  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:58 | 1       |
| Chromium  | 4.4    |           | 1.8  | 0.84  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:58 | 1       |
| Copper    | 13.6   |           | 1.8  | 0.34  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:58 | 1       |
| Lead      | 320    |           | 0.55 | 0.18  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:58 | 1       |
| Manganese | 30.3   |           | 3.7  | 0.37  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:58 | 1       |
| Nickel    | 2.9    |           | 1.8  | 0.43  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:58 | 1       |
| Selenium  | 0.14   | J         | 1.2  | 0.12  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:58 | 1       |
| Silver    | 0.092  | J         | 0.37 | 0.082 | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:58 | 1       |
| Zinc      | 262    |           | 7.4  | 2.8   | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 20:58 | 1       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.064  |           | 0.015 | 0.0072 | mg/Kg | ☆ | 09/16/24 00:42 | 09/16/24 04:32 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Cr (III) (SW846 7196A)          | 4.4    |           | 2.0  | 2.0  | mg/Kg | ☆ |                | 09/12/24 12:25 | 1       |
| Cr (VI) (SW846 7196A)           | 2.0    | U         | 2.0  | 0.84 | mg/Kg | ☆ | 09/17/24 10:16 | 09/17/24 14:50 | 1       |
| Cyanide, Total (SW846 9012B)    | 0.19   | J         | 0.24 | 0.13 | mg/Kg | ☆ | 09/15/24 14:31 | 09/15/24 17:26 | 1       |
| Percent Moisture (EPA Moisture) | 1.7    |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:01 | 1       |
| Percent Solids (EPA Moisture)   | 98.3   |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:01 | 1       |

Client Sample ID: RXSB-9\_0-2

Lab Sample ID: 460-311096-10

Date Collected: 09/09/24 14:05

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 98.3

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane | 0.0012 | U         | 0.0012 | 0.00028 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-9\_0-2

Lab Sample ID: 460-311096-10

Date Collected: 09/09/24 14:05

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 98.3

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 1,1-Dichloroethane       | 0.0012 | U         | 0.0012 | 0.00025 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| 1,1-Dichloroethene       | 0.0012 | U         | 0.0012 | 0.00027 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| 1,2,4-Trimethylbenzene   | 0.0012 | U         | 0.0012 | 0.00030 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| 1,2-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00044 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| 1,2-Dichloroethane       | 0.0012 | U         | 0.0012 | 0.00036 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| 1,3,5-Trimethylbenzene   | 0.0012 | U         | 0.0012 | 0.00038 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| 1,3-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00044 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| 1,4-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00027 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| 2-Butanone (MEK)         | 0.0060 | U         | 0.0060 | 0.00044 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| Acetone                  | 0.0072 | U         | 0.0072 | 0.0069  | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| Benzene                  | 0.0012 | U         | 0.0012 | 0.00031 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| Carbon tetrachloride     | 0.0012 | U         | 0.0012 | 0.00047 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| Chlorobenzene            | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| Chloroform               | 0.0012 | U         | 0.0012 | 0.0012  | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| cis-1,2-Dichloroethene   | 0.0012 | U         | 0.0012 | 0.00043 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| Ethylbenzene             | 0.0012 | U         | 0.0012 | 0.00024 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| Methyl tert-butyl ether  | 0.0012 | U         | 0.0012 | 0.00062 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| Methylene Chloride       | 0.0024 | U         | 0.0024 | 0.0014  | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| m-Xylene & p-Xylene      | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| n-Butylbenzene           | 0.0012 | U         | 0.0012 | 0.00036 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| N-Propylbenzene          | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| o-Xylene                 | 0.0012 | U         | 0.0012 | 0.00023 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| sec-Butylbenzene         | 0.0012 | U         | 0.0012 | 0.00035 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| tert-Butylbenzene        | 0.0012 | U         | 0.0012 | 0.00033 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| Tetrachloroethene        | 0.0012 | U         | 0.0012 | 0.00037 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| Toluene                  | 0.0012 | U         | 0.0012 | 0.00028 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| trans-1,2-Dichloroethene | 0.0012 | U         | 0.0012 | 0.00030 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| Trichloroethene          | 0.0012 | U         | 0.0012 | 0.00039 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| Vinyl chloride           | 0.0012 | U         | 0.0012 | 0.00066 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| Xylenes, Total           | 0.0024 | U         | 0.0024 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:08 | 09/12/24 06:05 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 90        |           | 65 - 138 | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| 4-Bromofluorobenzene         | 100       |           | 71 - 128 | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| Dibromofluoromethane (Surr)  | 100       |           | 50 - 150 | 09/10/24 23:08 | 09/12/24 06:05 | 1       |
| Toluene-d8 (Surr)            | 93        |           | 71 - 126 | 09/10/24 23:08 | 09/12/24 06:05 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte              | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| 1,4-Dioxane          | 0.033  | U         | 0.033 | 0.029  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| 2-Methylphenol       | 0.33   | U         | 0.33  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| 3 & 4 Methylphenol   | 0.33   | U         | 0.33  | 0.021  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Acenaphthene         | 0.050  | J         | 0.33  | 0.0095 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Acenaphthylene       | 0.16   | J         | 0.33  | 0.0096 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Anthracene           | 0.19   | J         | 0.33  | 0.010  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Benzo[a]anthracene   | 1.0    |           | 0.033 | 0.025  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Benzo[a]pyrene       | 1.1    |           | 0.033 | 0.0089 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Benzo[b]fluoranthene | 1.5    |           | 0.033 | 0.0087 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Benzo[g,h,i]perylene | 0.64   | *         | 0.33  | 0.0099 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Benzo[k]fluoranthene | 0.74   | *         | 0.033 | 0.0066 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-9\_0-2

Lab Sample ID: 460-311096-10

Date Collected: 09/09/24 14:05

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 98.3

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Chrysene               | 1.2    |           | 0.33  | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Dibenz(a,h)anthracene  | 0.18   |           | 0.033 | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Dibenzofuran           | 0.026  | J         | 0.33  | 0.011  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Fluoranthene           | 1.9    |           | 0.33  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Fluorene               | 0.047  | J         | 0.33  | 0.0098 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Hexachlorobenzene      | 0.033  | U         | 0.033 | 0.016  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Indeno[1,2,3-cd]pyrene | 0.74   |           | 0.033 | 0.013  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Naphthalene            | 0.023  | J         | 0.33  | 0.0058 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Pentachlorophenol      | 0.27   | U         | 0.27  | 0.069  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Phenanthrene           | 0.77   |           | 0.33  | 0.014  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Phenol                 | 0.33   | U         | 0.33  | 0.012  | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Pyrene                 | 1.6    |           | 0.33  | 0.0083 | mg/Kg | ☆ | 09/11/24 20:46 | 09/12/24 09:34 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 89        |           | 24 - 137 | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| 2-Fluorobiphenyl            | 93        |           | 38 - 128 | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| 2-Fluorophenol (Surr)       | 89        |           | 31 - 133 | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Nitrobenzene-d5 (Surr)      | 92        |           | 31 - 120 | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Phenol-d5 (Surr)            | 95        |           | 35 - 132 | 09/11/24 20:46 | 09/12/24 09:34 | 1       |
| Terphenyl-d14 (Surr)        | 95        |           | 44 - 147 | 09/11/24 20:46 | 09/12/24 09:34 | 1       |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 4,4'-DDD              | 0.0068 | U         | 0.0068 | 0.0012  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| 4,4'-DDE              | 0.0099 |           | 0.0068 | 0.00080 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| 4,4'-DDT              | 0.012  |           | 0.0068 | 0.0013  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| Aldrin                | 0.0068 | U         | 0.0068 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| alpha-BHC             | 0.0020 | U         | 0.0020 | 0.00069 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| beta-BHC              | 0.0020 | U         | 0.0020 | 0.00076 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| Chlordane (technical) | 0.068  | U         | 0.068  | 0.016   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| cis-Chlordane         | 0.0068 | U         | 0.0068 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| delta-BHC             | 0.0020 | U         | 0.0020 | 0.00042 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| Dieldrin              | 0.0020 | U         | 0.0020 | 0.00088 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| Endosulfan I          | 0.0068 | U         | 0.0068 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| Endosulfan II         | 0.0068 | U         | 0.0068 | 0.0017  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| Endosulfan sulfate    | 0.0068 | U         | 0.0068 | 0.00085 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| Endrin                | 0.0068 | U         | 0.0068 | 0.00098 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| Endrin aldehyde       | 0.0068 | U         | 0.0068 | 0.0016  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| Endrin ketone         | 0.0068 | U         | 0.0068 | 0.0013  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| gamma-BHC (Lindane)   | 0.0020 | U         | 0.0020 | 0.00063 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| Heptachlor            | 0.0068 | U         | 0.0068 | 0.00080 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| Heptachlor epoxide    | 0.0068 | U         | 0.0068 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| Methoxychlor          | 0.0068 | U         | 0.0068 | 0.0016  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| Toxaphene             | 0.068  | U         | 0.068  | 0.025   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:13 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 83        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| DCB Decachlorobiphenyl | 76        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| Tetrachloro-m-xylene   | 52        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 07:13 | 1       |
| Tetrachloro-m-xylene   | 53        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 07:13 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-9\_0-2

Lab Sample ID: 460-311096-10

Date Collected: 09/09/24 14:05

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 98.3

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

| Analyte                          | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aroclor 1016                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:15 | 1       |
| Aroclor 1221                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:15 | 1       |
| Aroclor 1232                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:15 | 1       |
| Aroclor 1242                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:15 | 1       |
| Aroclor 1248                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:15 | 1       |
| Aroclor 1254                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:15 | 1       |
| Aroclor 1260                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:15 | 1       |
| Aroclor-1262                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:15 | 1       |
| Aroclor 1268                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:15 | 1       |
| Polychlorinated biphenyls, Total | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:15 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 59        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 02:15 | 1       |
| DCB Decachlorobiphenyl | 46        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 02:15 | 1       |
| Tetrachloro-m-xylene   | 38        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 02:15 | 1       |
| Tetrachloro-m-xylene   | 37        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 02:15 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic   | 3.2    |           | 0.90 | 0.093 | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:00 | 1       |
| Barium    | 357    |           | 1.8  | 0.13  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:00 | 1       |
| Beryllium | 0.13   | J         | 0.36 | 0.051 | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:00 | 1       |
| Cadmium   | 0.83   | J         | 0.90 | 0.10  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:00 | 1       |
| Chromium  | 11.4   |           | 1.8  | 0.82  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:00 | 1       |
| Copper    | 35.1   |           | 1.8  | 0.33  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:00 | 1       |
| Lead      | 449    |           | 0.54 | 0.18  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:00 | 1       |
| Manganese | 74.6   |           | 3.6  | 0.36  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:00 | 1       |
| Nickel    | 11.8   |           | 1.8  | 0.42  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:00 | 1       |
| Selenium  | 0.28   | J         | 1.1  | 0.12  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:00 | 1       |
| Silver    | 0.26   | J         | 0.36 | 0.080 | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:00 | 1       |
| Zinc      | 385    |           | 7.2  | 2.7   | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:00 | 1       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.37   |           | 0.017 | 0.0081 | mg/Kg | ☆ | 09/16/24 00:42 | 09/16/24 04:33 | 1       |

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Cr (III) (SW846 7196A)          | 11.4   |           | 2.0  | 2.0  | mg/Kg | ☆ |                | 09/12/24 12:25 | 1       |
| Cr (VI) (SW846 7196A)           | 2.0    | U         | 2.0  | 0.85 | mg/Kg | ☆ | 09/17/24 10:16 | 09/17/24 14:50 | 1       |
| Cyanide, Total (SW846 9012B)    | 0.20   |           | 0.18 | 0.10 | mg/Kg | ☆ | 09/15/24 14:31 | 09/15/24 17:28 | 1       |
| Percent Moisture (EPA Moisture) | 1.7    |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:01 | 1       |
| Percent Solids (EPA Moisture)   | 98.3   |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:01 | 1       |

Client Sample ID: RXSB-9\_4-6

Lab Sample ID: 460-311096-11

Date Collected: 09/09/24 14:10

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 98.7

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane | 0.0012 | U         | 0.0012 | 0.00027 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-9\_4-6

Lab Sample ID: 460-311096-11

Date Collected: 09/09/24 14:10

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 98.7

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte                  | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 1,1-Dichloroethane       | 0.0012 | U         | 0.0012 | 0.00024 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| 1,1-Dichloroethene       | 0.0012 | U         | 0.0012 | 0.00026 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| 1,2,4-Trimethylbenzene   | 0.0012 | U         | 0.0012 | 0.00029 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| 1,2-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00042 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| 1,2-Dichloroethane       | 0.0012 | U         | 0.0012 | 0.00035 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| 1,3,5-Trimethylbenzene   | 0.0012 | U         | 0.0012 | 0.00037 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| 1,3-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00043 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| 1,4-Dichlorobenzene      | 0.0012 | U         | 0.0012 | 0.00026 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| 2-Butanone (MEK)         | 0.0059 | U         | 0.0059 | 0.00043 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| Acetone                  | 0.0071 | U         | 0.0071 | 0.0067  | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| Benzene                  | 0.0012 | U         | 0.0012 | 0.00030 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| Carbon tetrachloride     | 0.0012 | U         | 0.0012 | 0.00045 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| Chlorobenzene            | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| Chloroform               | 0.0012 | U         | 0.0012 | 0.0011  | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| cis-1,2-Dichloroethene   | 0.0012 | U         | 0.0012 | 0.00042 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| Ethylbenzene             | 0.0012 | U         | 0.0012 | 0.00023 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| Methyl tert-butyl ether  | 0.0012 | U         | 0.0012 | 0.00060 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| Methylene Chloride       | 0.0024 | U         | 0.0024 | 0.0013  | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| m-Xylene & p-Xylene      | 0.0012 | U         | 0.0012 | 0.00020 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| n-Butylbenzene           | 0.0012 | U         | 0.0012 | 0.00035 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| N-Propylbenzene          | 0.0012 | U         | 0.0012 | 0.00021 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| o-Xylene                 | 0.0012 | U         | 0.0012 | 0.00023 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| sec-Butylbenzene         | 0.0012 | U         | 0.0012 | 0.00034 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| tert-Butylbenzene        | 0.0012 | U         | 0.0012 | 0.00032 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| Tetrachloroethene        | 0.0012 | U         | 0.0012 | 0.00036 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| Toluene                  | 0.0012 | U         | 0.0012 | 0.00028 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| trans-1,2-Dichloroethene | 0.0012 | U         | 0.0012 | 0.00029 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| Trichloroethene          | 0.0012 | U         | 0.0012 | 0.00038 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| Vinyl chloride           | 0.0012 | U         | 0.0012 | 0.00064 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| Xylenes, Total           | 0.0024 | U         | 0.0024 | 0.00020 | mg/Kg | ☆ | 09/10/24 23:09 | 09/12/24 06:29 | 1       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 92        |           | 65 - 138 | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| 4-Bromofluorobenzene         | 102       |           | 71 - 128 | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| Dibromofluoromethane (Surr)  | 101       |           | 50 - 150 | 09/10/24 23:09 | 09/12/24 06:29 | 1       |
| Toluene-d8 (Surr)            | 93        |           | 71 - 126 | 09/10/24 23:09 | 09/12/24 06:29 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte              | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| 1,4-Dioxane          | 0.033  | U         | 0.033 | 0.029  | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| 2-Methylphenol       | 0.33   | U         | 0.33  | 0.012  | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| 3 & 4 Methylphenol   | 0.33   | U         | 0.33  | 0.021  | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Acenaphthene         | 0.20   | J         | 0.33  | 0.0095 | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Acenaphthylene       | 0.55   |           | 0.33  | 0.0096 | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Anthracene           | 1.2    |           | 0.33  | 0.010  | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Benzo[a]anthracene   | 5.6    |           | 0.033 | 0.025  | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Benzo[a]pyrene       | 5.1    |           | 0.033 | 0.0089 | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Benzo[b]fluoranthene | 7.0    |           | 0.033 | 0.0086 | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Benzo[g,h,i]perylene | 2.7    |           | 0.33  | 0.0099 | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Benzo[k]fluoranthene | 2.5    |           | 0.033 | 0.0066 | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-9\_4-6

Lab Sample ID: 460-311096-11

Date Collected: 09/09/24 14:10

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 98.7

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Chrysene               | 5.6    |           | 0.33  | 0.014  | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Dibenz(a,h)anthracene  | 0.81   |           | 0.033 | 0.014  | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Dibenzofuran           | 0.19   | J         | 0.33  | 0.011  | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Fluorene               | 0.27   | J         | 0.33  | 0.0098 | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Hexachlorobenzene      | 0.033  | U         | 0.033 | 0.016  | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Indeno[1,2,3-cd]pyrene | 3.0    |           | 0.033 | 0.013  | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Naphthalene            | 0.075  | J         | 0.33  | 0.0058 | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Pentachlorophenol      | 0.27   | U         | 0.27  | 0.068  | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Phenanthrene           | 6.1    |           | 0.33  | 0.014  | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Phenol                 | 0.33   | U         | 0.33  | 0.012  | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 15:39 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 89        |           | 24 - 137 | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| 2-Fluorobiphenyl            | 98        |           | 38 - 128 | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| 2-Fluorophenol (Surr)       | 101       |           | 31 - 133 | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Nitrobenzene-d5 (Surr)      | 99        |           | 31 - 120 | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Phenol-d5 (Surr)            | 102       |           | 35 - 132 | 09/11/24 20:42 | 09/12/24 15:39 | 1       |
| Terphenyl-d14 (Surr)        | 96        |           | 44 - 147 | 09/11/24 20:42 | 09/12/24 15:39 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - DL

| Analyte      | Result | Qualifier | RL  | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------|--------|-----------|-----|-------|-------|---|----------------|----------------|---------|
| Fluoranthene | 13     |           | 1.7 | 0.058 | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 17:11 | 5       |
| Pyrene       | 11     |           | 1.7 | 0.042 | mg/Kg | ☆ | 09/11/24 20:42 | 09/12/24 17:11 | 5       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 99        |           | 24 - 137 | 09/11/24 20:42 | 09/12/24 17:11 | 5       |
| 2-Fluorobiphenyl            | 102       |           | 38 - 128 | 09/11/24 20:42 | 09/12/24 17:11 | 5       |
| 2-Fluorophenol (Surr)       | 100       |           | 31 - 133 | 09/11/24 20:42 | 09/12/24 17:11 | 5       |
| Nitrobenzene-d5 (Surr)      | 104       |           | 31 - 120 | 09/11/24 20:42 | 09/12/24 17:11 | 5       |
| Phenol-d5 (Surr)            | 105       |           | 35 - 132 | 09/11/24 20:42 | 09/12/24 17:11 | 5       |
| Terphenyl-d14 (Surr)        | 105       |           | 44 - 147 | 09/11/24 20:42 | 09/12/24 17:11 | 5       |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 4,4'-DDD              | 0.012  |           | 0.0068 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| 4,4'-DDE              | 0.0073 |           | 0.0068 | 0.00080 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| 4,4'-DDT              | 0.022  |           | 0.0068 | 0.0012  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| Aldrin                | 0.0068 | U         | 0.0068 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| alpha-BHC             | 0.0020 | U         | 0.0020 | 0.00069 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| beta-BHC              | 0.0020 | U         | 0.0020 | 0.00076 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| Chlordane (technical) | 0.068  | U         | 0.068  | 0.016   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| cis-Chlordane         | 0.0068 | U         | 0.0068 | 0.0011  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| delta-BHC             | 0.0020 | U         | 0.0020 | 0.00041 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| Dieldrin              | 0.0020 | U         | 0.0020 | 0.00088 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| Endosulfan I          | 0.0068 | U         | 0.0068 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| Endosulfan II         | 0.0068 | U         | 0.0068 | 0.0017  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| Endosulfan sulfate    | 0.0068 | U         | 0.0068 | 0.00085 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| Endrin                | 0.0068 | U         | 0.0068 | 0.00097 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| Endrin aldehyde       | 0.0068 | U         | 0.0068 | 0.0016  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| Endrin ketone         | 0.0068 | U         | 0.0068 | 0.0013  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: RXSB-9\_4-6

Lab Sample ID: 460-311096-11

Date Collected: 09/09/24 14:10

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 98.7

## Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte             | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| gamma-BHC (Lindane) | 0.0020 | U         | 0.0020 | 0.00063 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| Heptachlor          | 0.0068 | U         | 0.0068 | 0.00080 | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| Heptachlor epoxide  | 0.0068 | U         | 0.0068 | 0.0010  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| Methoxychlor        | 0.0068 | U         | 0.0068 | 0.0015  | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| Toxaphene           | 0.068  | U         | 0.068  | 0.024   | mg/Kg | ☆ | 09/11/24 16:56 | 09/12/24 07:26 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 76        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| DCB Decachlorobiphenyl | 71        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| Tetrachloro-m-xylene   | 53        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 07:26 | 1       |
| Tetrachloro-m-xylene   | 56        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 07:26 | 1       |

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

| Analyte                          | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aroclor 1016                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:32 | 1       |
| Aroclor 1221                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:32 | 1       |
| Aroclor 1232                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:32 | 1       |
| Aroclor 1242                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:32 | 1       |
| Aroclor 1248                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:32 | 1       |
| Aroclor 1254                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:32 | 1       |
| Aroclor 1260                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:32 | 1       |
| Aroclor-1262                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:32 | 1       |
| Aroclor 1268                     | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:32 | 1       |
| Polychlorinated biphenyls, Total | 0.068  | U         | 0.068 | 0.018 | mg/Kg | ☆ | 09/11/24 16:52 | 09/12/24 02:32 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 61        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 02:32 | 1       |
| DCB Decachlorobiphenyl | 48        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 02:32 | 1       |
| Tetrachloro-m-xylene   | 44        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 02:32 | 1       |
| Tetrachloro-m-xylene   | 44        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 02:32 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic   | 3.3    |           | 0.92 | 0.095 | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:03 | 1       |
| Barium    | 462    |           | 1.8  | 0.13  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:03 | 1       |
| Beryllium | 0.21   | J         | 0.37 | 0.053 | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:03 | 1       |
| Cadmium   | 0.77   | J         | 0.92 | 0.10  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:03 | 1       |
| Chromium  | 14.1   |           | 1.8  | 0.84  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:03 | 1       |
| Copper    | 48.2   |           | 1.8  | 0.34  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:03 | 1       |
| Lead      | 633    |           | 0.55 | 0.18  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:03 | 1       |
| Manganese | 107    |           | 3.7  | 0.37  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:03 | 1       |
| Nickel    | 14.8   |           | 1.8  | 0.43  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:03 | 1       |
| Selenium  | 0.28   | J         | 1.2  | 0.12  | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:03 | 1       |
| Silver    | 0.18   | J         | 0.37 | 0.082 | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:03 | 1       |
| Zinc      | 379    |           | 7.4  | 2.8   | mg/Kg | ☆ | 09/11/24 07:50 | 09/11/24 21:03 | 1       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.27   |           | 0.017 | 0.0080 | mg/Kg | ☆ | 09/16/24 00:42 | 09/16/24 04:35 | 1       |

Eurofins Edison

# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

**Client Sample ID: RXSB-9\_4-6**

**Lab Sample ID: 460-311096-11**

**Date Collected: 09/09/24 14:10**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

**Percent Solids: 98.7**

## General Chemistry

| Analyte                                | Result      | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------------|-------------|-----------|------|------|-------|---|----------------|----------------|---------|
| <b>Cr (III) (SW846 7196A)</b>          | <b>14.1</b> |           | 2.0  | 2.0  | mg/Kg | ☆ |                | 09/12/24 12:25 | 1       |
| Cr (VI) (SW846 7196A)                  | 2.0         | U         | 2.0  | 0.85 | mg/Kg | ☆ | 09/17/24 10:16 | 09/17/24 14:50 | 1       |
| <b>Cyanide, Total (SW846 9012B)</b>    | <b>0.21</b> |           | 0.20 | 0.11 | mg/Kg | ☆ | 09/15/24 14:31 | 09/15/24 17:29 | 1       |
| <b>Percent Moisture (EPA Moisture)</b> | <b>1.3</b>  |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:01 | 1       |
| <b>Percent Solids (EPA Moisture)</b>   | <b>98.7</b> |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:01 | 1       |

**Client Sample ID: DUP\_09092024**

**Lab Sample ID: 460-311096-12**

**Date Collected: 09/09/24 12:00**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

**Percent Solids: 97.0**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                      | Result         | Qualifier | RL       | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|----------------|-----------|----------|---------|-------|---|----------------|----------------|---------|
| 1,1,1-Trichloroethane        | 0.0011         | U         | 0.0011   | 0.00026 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| 1,1-Dichloroethane           | 0.0011         | U         | 0.0011   | 0.00023 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| 1,1-Dichloroethene           | 0.0011         | U         | 0.0011   | 0.00025 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| 1,2,4-Trimethylbenzene       | 0.0011         | U         | 0.0011   | 0.00027 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| 1,2-Dichlorobenzene          | 0.0011         | U         | 0.0011   | 0.00040 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| 1,2-Dichloroethane           | 0.0011         | U         | 0.0011   | 0.00033 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| 1,3,5-Trimethylbenzene       | 0.0011         | U         | 0.0011   | 0.00035 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| 1,3-Dichlorobenzene          | 0.0011         | U         | 0.0011   | 0.00040 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| 1,4-Dichlorobenzene          | 0.0011         | U         | 0.0011   | 0.00025 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| 2-Butanone (MEK)             | 0.0055         | U         | 0.0055   | 0.00041 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| Acetone                      | 0.0066         | U         | 0.0066   | 0.0063  | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| Benzene                      | 0.0011         | U         | 0.0011   | 0.00029 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| Carbon tetrachloride         | 0.0011         | U         | 0.0011   | 0.00043 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| Chlorobenzene                | 0.0011         | U         | 0.0011   | 0.00020 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| Chloroform                   | 0.0011         | U         | 0.0011   | 0.0011  | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| cis-1,2-Dichloroethene       | 0.0011         | U         | 0.0011   | 0.00040 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| Ethylbenzene                 | 0.0011         | U         | 0.0011   | 0.00022 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| Methyl tert-butyl ether      | 0.0011         | U         | 0.0011   | 0.00057 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| Methylene Chloride           | 0.0022         | U         | 0.0022   | 0.0013  | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| m-Xylene & p-Xylene          | 0.0011         | U         | 0.0011   | 0.00019 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| n-Butylbenzene               | 0.0011         | U         | 0.0011   | 0.00033 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| N-Propylbenzene              | 0.0011         | U         | 0.0011   | 0.00019 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| o-Xylene                     | 0.0011         | U         | 0.0011   | 0.00021 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| sec-Butylbenzene             | 0.0011         | U         | 0.0011   | 0.00032 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| tert-Butylbenzene            | 0.0011         | U         | 0.0011   | 0.00031 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| Tetrachloroethene            | 0.0011         | U         | 0.0011   | 0.00034 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| <b>Toluene</b>               | <b>0.00080</b> | <b>J</b>  | 0.0011   | 0.00026 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| trans-1,2-Dichloroethene     | 0.0011         | U         | 0.0011   | 0.00027 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| Trichloroethene              | 0.0011         | U         | 0.0011   | 0.00036 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| Vinyl chloride               | 0.0011         | U         | 0.0011   | 0.00060 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| Xylenes, Total               | 0.0022         | U         | 0.0022   | 0.00019 | mg/Kg | ☆ | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| Surrogate                    | %Recovery      | Qualifier | Limits   |         |       |   | Prepared       | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 89             |           | 65 - 138 |         |       |   | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| 4-Bromofluorobenzene         | 99             |           | 71 - 128 |         |       |   | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| Dibromofluoromethane (Surr)  | 101            |           | 50 - 150 |         |       |   | 09/10/24 23:10 | 09/12/24 06:53 | 1       |
| Toluene-d8 (Surr)            | 92             |           | 71 - 126 |         |       |   | 09/10/24 23:10 | 09/12/24 06:53 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: DUP\_09092024

Lab Sample ID: 460-311096-12

Date Collected: 09/09/24 12:00

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 97.0

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| 1,4-Dioxane            | 0.034  | U         | 0.034 | 0.030  | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| 2-Methylphenol         | 0.34   | U         | 0.34  | 0.013  | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| 3 & 4 Methylphenol     | 0.34   | U         | 0.34  | 0.021  | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Acenaphthene           | 0.017  | J         | 0.34  | 0.0097 | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Acenaphthylene         | 0.031  | J         | 0.34  | 0.0097 | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Anthracene             | 0.060  | J         | 0.34  | 0.010  | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Benzo[a]anthracene     | 0.31   |           | 0.034 | 0.026  | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Benzo[a]pyrene         | 0.33   |           | 0.034 | 0.0091 | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Benzo[b]fluoranthene   | 0.43   |           | 0.034 | 0.0088 | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Benzo[g,h,i]perylene   | 0.17   | J         | 0.34  | 0.010  | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Benzo[k]fluoranthene   | 0.14   |           | 0.034 | 0.0067 | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Chrysene               | 0.30   | J         | 0.34  | 0.014  | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Dibenz(a,h)anthracene  | 0.047  |           | 0.034 | 0.015  | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Dibenzofuran           | 0.34   | U         | 0.34  | 0.011  | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Fluoranthene           | 0.59   |           | 0.34  | 0.012  | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Fluorene               | 0.014  | J         | 0.34  | 0.0099 | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Hexachlorobenzene      | 0.034  | U         | 0.034 | 0.016  | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Indeno[1,2,3-cd]pyrene | 0.18   |           | 0.034 | 0.013  | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Naphthalene            | 0.34   | U         | 0.34  | 0.0059 | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Pentachlorophenol      | 0.27   | U         | 0.27  | 0.070  | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Phenanthrene           | 0.27   | J         | 0.34  | 0.014  | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Phenol                 | 0.34   | U         | 0.34  | 0.012  | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Pyrene                 | 0.56   |           | 0.34  | 0.0085 | mg/Kg | ✱ | 09/11/24 20:42 | 09/12/24 16:02 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 90        |           | 24 - 137 | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| 2-Fluorobiphenyl            | 102       |           | 38 - 128 | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| 2-Fluorophenol (Surr)       | 106       |           | 31 - 133 | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Nitrobenzene-d5 (Surr)      | 106       |           | 31 - 120 | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Phenol-d5 (Surr)            | 107       |           | 35 - 132 | 09/11/24 20:42 | 09/12/24 16:02 | 1       |
| Terphenyl-d14 (Surr)        | 99        |           | 44 - 147 | 09/11/24 20:42 | 09/12/24 16:02 | 1       |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte               | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| 4,4'-DDD              | 0.0069 | U         | 0.0069 | 0.0012  | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| 4,4'-DDE              | 0.0027 | J         | 0.0069 | 0.00081 | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| 4,4'-DDT              | 0.0036 | J         | 0.0069 | 0.0013  | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| Aldrin                | 0.0069 | U         | 0.0069 | 0.0010  | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| alpha-BHC             | 0.0021 | U         | 0.0021 | 0.00070 | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| beta-BHC              | 0.0021 | U         | 0.0021 | 0.00077 | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| Chlordane (technical) | 0.069  | U         | 0.069  | 0.017   | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| cis-Chlordane         | 0.0069 | U         | 0.0069 | 0.0011  | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| delta-BHC             | 0.0021 | U         | 0.0021 | 0.00042 | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| Dieldrin              | 0.0021 | U         | 0.0021 | 0.00089 | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| Endosulfan I          | 0.0069 | U         | 0.0069 | 0.0010  | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| Endosulfan II         | 0.0069 | U         | 0.0069 | 0.0018  | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| Endosulfan sulfate    | 0.0069 | U         | 0.0069 | 0.00086 | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| Endrin                | 0.0069 | U         | 0.0069 | 0.00098 | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| Endrin aldehyde       | 0.0069 | U         | 0.0069 | 0.0016  | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| Endrin ketone         | 0.0069 | U         | 0.0069 | 0.0013  | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Client Sample ID: DUP\_09092024

Lab Sample ID: 460-311096-12

Date Collected: 09/09/24 12:00

Matrix: Solid

Date Received: 09/10/24 18:30

Percent Solids: 97.0

## Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte             | Result | Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
| gamma-BHC (Lindane) | 0.0021 | U         | 0.0021 | 0.00064 | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| Heptachlor          | 0.0069 | U         | 0.0069 | 0.00081 | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| Heptachlor epoxide  | 0.0069 | U         | 0.0069 | 0.0010  | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| Methoxychlor        | 0.0069 | U         | 0.0069 | 0.0016  | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| Toxaphene           | 0.069  | U         | 0.069  | 0.025   | mg/Kg | ✱ | 09/11/24 16:56 | 09/12/24 07:39 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 52        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| DCB Decachlorobiphenyl | 52        |           | 17 - 150 | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| Tetrachloro-m-xylene   | 40        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 07:39 | 1       |
| Tetrachloro-m-xylene   | 41        |           | 21 - 150 | 09/11/24 16:56 | 09/12/24 07:39 | 1       |

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

| Analyte                          | Result | Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|--------|-----------|-------|-------|-------|---|----------------|----------------|---------|
| Aroclor 1016                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 02:49 | 1       |
| Aroclor 1221                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 02:49 | 1       |
| Aroclor 1232                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 02:49 | 1       |
| Aroclor 1242                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 02:49 | 1       |
| Aroclor 1248                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 02:49 | 1       |
| Aroclor 1254                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 02:49 | 1       |
| Aroclor 1260                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 02:49 | 1       |
| Aroclor-1262                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 02:49 | 1       |
| Aroclor 1268                     | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 02:49 | 1       |
| Polychlorinated biphenyls, Total | 0.069  | U         | 0.069 | 0.018 | mg/Kg | ✱ | 09/11/24 16:52 | 09/12/24 02:49 | 1       |

| Surrogate              | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 38        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 02:49 | 1       |
| DCB Decachlorobiphenyl | 31        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 02:49 | 1       |
| Tetrachloro-m-xylene   | 30        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 02:49 | 1       |
| Tetrachloro-m-xylene   | 30        |           | 20 - 150 | 09/11/24 16:52 | 09/12/24 02:49 | 1       |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte   | Result | Qualifier | RL   | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic   | 2.1    |           | 0.90 | 0.092 | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 21:08 | 1       |
| Barium    | 187    |           | 1.8  | 0.13  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 21:08 | 1       |
| Beryllium | 0.12   | J         | 0.36 | 0.051 | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 21:08 | 1       |
| Cadmium   | 0.47   | J         | 0.90 | 0.10  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 21:08 | 1       |
| Chromium  | 7.3    |           | 1.8  | 0.81  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 21:08 | 1       |
| Copper    | 18.0   |           | 1.8  | 0.33  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 21:08 | 1       |
| Lead      | 259    |           | 0.54 | 0.18  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 21:08 | 1       |
| Manganese | 68.2   |           | 3.6  | 0.36  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 21:08 | 1       |
| Nickel    | 6.4    |           | 1.8  | 0.42  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 21:08 | 1       |
| Selenium  | 0.17   | J         | 1.1  | 0.11  | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 21:08 | 1       |
| Silver    | 0.12   | J         | 0.36 | 0.080 | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 21:08 | 1       |
| Zinc      | 209    |           | 7.2  | 2.7   | mg/Kg | ✱ | 09/11/24 07:50 | 09/11/24 21:08 | 1       |

## Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.16   |           | 0.016 | 0.0075 | mg/Kg | ✱ | 09/16/24 00:42 | 09/16/24 04:37 | 1       |

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# Client Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

**Client Sample ID: DUP\_09092024**

**Lab Sample ID: 460-311096-12**

**Date Collected: 09/09/24 12:00**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

**Percent Solids: 97.0**

## General Chemistry

| Analyte                         | Result | Qualifier | RL   | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------------------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Cr (III) (SW846 7196A)          | 7.3    |           | 2.0  | 2.0  | mg/Kg | ☼ |                | 09/12/24 12:25 | 1       |
| Cr (VI) (SW846 7196A)           | 2.0    | U         | 2.0  | 0.85 | mg/Kg | ☼ | 09/17/24 10:16 | 09/17/24 14:50 | 1       |
| Cyanide, Total (SW846 9012B)    | 0.11   | J         | 0.21 | 0.11 | mg/Kg | ☼ | 09/15/24 14:31 | 09/15/24 17:30 | 1       |
| Percent Moisture (EPA Moisture) | 3.0    |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:01 | 1       |
| Percent Solids (EPA Moisture)   | 97.0   |           | 1.0  | 1.0  | %     |   |                | 09/10/24 21:01 | 1       |

**Client Sample ID: TB\_09092024**

**Lab Sample ID: 460-311096-13**

**Date Collected: 09/09/24 14:10**

**Matrix: Water**

**Date Received: 09/10/24 18:30**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte                      | Result    | Qualifier | RL       | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane        | 1.0       | U         | 1.0      | 0.24 | ug/L |   |          | 09/13/24 09:16 | 1       |
| 1,1-Dichloroethane           | 1.0       | U         | 1.0      | 0.26 | ug/L |   |          | 09/13/24 09:16 | 1       |
| 1,1-Dichloroethene           | 1.0       | U         | 1.0      | 0.26 | ug/L |   |          | 09/13/24 09:16 | 1       |
| 1,2,4-Trimethylbenzene       | 1.0       | U         | 1.0      | 0.37 | ug/L |   |          | 09/13/24 09:16 | 1       |
| 1,2-Dichlorobenzene          | 1.0       | U         | 1.0      | 0.21 | ug/L |   |          | 09/13/24 09:16 | 1       |
| 1,2-Dichloroethane           | 1.0       | U         | 1.0      | 0.43 | ug/L |   |          | 09/13/24 09:16 | 1       |
| 1,3,5-Trimethylbenzene       | 1.0       | U         | 1.0      | 0.33 | ug/L |   |          | 09/13/24 09:16 | 1       |
| 1,3-Dichlorobenzene          | 1.0       | U         | 1.0      | 0.34 | ug/L |   |          | 09/13/24 09:16 | 1       |
| 1,4-Dichlorobenzene          | 1.0       | U         | 1.0      | 0.33 | ug/L |   |          | 09/13/24 09:16 | 1       |
| 2-Butanone (MEK)             | 5.0       | U         | 5.0      | 1.9  | ug/L |   |          | 09/13/24 09:16 | 1       |
| Acetone                      | 5.0       | U         | 5.0      | 4.4  | ug/L |   |          | 09/13/24 09:16 | 1       |
| Benzene                      | 1.0       | U         | 1.0      | 0.20 | ug/L |   |          | 09/13/24 09:16 | 1       |
| Carbon tetrachloride         | 1.0       | U *       | 1.0      | 0.21 | ug/L |   |          | 09/13/24 09:16 | 1       |
| Chlorobenzene                | 1.0       | U         | 1.0      | 0.38 | ug/L |   |          | 09/13/24 09:16 | 1       |
| Chloroform                   | 1.0       | U         | 1.0      | 0.33 | ug/L |   |          | 09/13/24 09:16 | 1       |
| cis-1,2-Dichloroethene       | 1.0       | U         | 1.0      | 0.22 | ug/L |   |          | 09/13/24 09:16 | 1       |
| Ethylbenzene                 | 1.0       | U         | 1.0      | 0.30 | ug/L |   |          | 09/13/24 09:16 | 1       |
| Methyl tert-butyl ether      | 1.0       | U         | 1.0      | 0.22 | ug/L |   |          | 09/13/24 09:16 | 1       |
| Methylene Chloride           | 0.51      | J         | 1.0      | 0.32 | ug/L |   |          | 09/13/24 09:16 | 1       |
| m-Xylene & p-Xylene          | 1.0       | U         | 1.0      | 0.30 | ug/L |   |          | 09/13/24 09:16 | 1       |
| n-Butylbenzene               | 1.0       | U         | 1.0      | 0.32 | ug/L |   |          | 09/13/24 09:16 | 1       |
| N-Propylbenzene              | 1.0       | U         | 1.0      | 0.32 | ug/L |   |          | 09/13/24 09:16 | 1       |
| o-Xylene                     | 1.0       | U         | 1.0      | 0.36 | ug/L |   |          | 09/13/24 09:16 | 1       |
| sec-Butylbenzene             | 1.0       | U         | 1.0      | 0.37 | ug/L |   |          | 09/13/24 09:16 | 1       |
| tert-Butylbenzene            | 1.0       | U         | 1.0      | 0.34 | ug/L |   |          | 09/13/24 09:16 | 1       |
| Tetrachloroethene            | 1.0       | U         | 1.0      | 0.25 | ug/L |   |          | 09/13/24 09:16 | 1       |
| Toluene                      | 1.0       | U         | 1.0      | 0.38 | ug/L |   |          | 09/13/24 09:16 | 1       |
| trans-1,2-Dichloroethene     | 1.0       | U         | 1.0      | 0.24 | ug/L |   |          | 09/13/24 09:16 | 1       |
| Trichloroethene              | 1.0       | U         | 1.0      | 0.31 | ug/L |   |          | 09/13/24 09:16 | 1       |
| Vinyl chloride               | 1.0       | U         | 1.0      | 0.17 | ug/L |   |          | 09/13/24 09:16 | 1       |
| Xylenes, Total               | 2.0       | U         | 2.0      | 0.65 | ug/L |   |          | 09/13/24 09:16 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 97        |           | 70 - 128 |      |      |   |          | 09/13/24 09:16 | 1       |
| 4-Bromofluorobenzene         | 100       |           | 76 - 120 |      |      |   |          | 09/13/24 09:16 | 1       |
| Dibromofluoromethane (Surr)  | 104       |           | 77 - 132 |      |      |   |          | 09/13/24 09:16 | 1       |
| Toluene-d8 (Surr)            | 99        |           | 80 - 120 |      |      |   |          | 09/13/24 09:16 | 1       |

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# Surrogate Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID      | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|--------------------|------------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                    |                        | DCA<br>(65-138)                                | BFB<br>(71-128) | DBFM<br>(50-150) | TOL<br>(71-126) |
| 460-311096-1       | RXSB-5_0-2             | 89                                             | 104             | 97               | 94              |
| 460-311096-2       | RXSB-5_4-6             | 90                                             | 101             | 97               | 93              |
| 460-311096-3       | RXSB-10_0-2            | 89                                             | 101             | 98               | 93              |
| 460-311096-4       | RXSB-10_4-6            | 91                                             | 100             | 100              | 92              |
| 460-311096-6       | RXSB-3_0-2             | 92                                             | 101             | 98               | 92              |
| 460-311096-7       | RXSB-3_4-6             | 92                                             | 99              | 99               | 91              |
| 460-311096-8       | RXSB-8_0-2             | 92                                             | 101             | 101              | 94              |
| 460-311096-9       | RXSB-8_4-6             | 91                                             | 99              | 100              | 92              |
| 460-311096-10      | RXSB-9_0-2             | 90                                             | 100             | 100              | 93              |
| 460-311096-11      | RXSB-9_4-6             | 92                                             | 102             | 101              | 93              |
| 460-311096-12      | DUP_09092024           | 89                                             | 99              | 101              | 92              |
| LB3 460-995140/1-A | Method Blank           | 90                                             | 103             | 99               | 97              |
| LCS 460-995292/3   | Lab Control Sample     | 89                                             | 102             | 98               | 94              |
| LCSD 460-995292/4  | Lab Control Sample Dup | 89                                             | 104             | 99               | 98              |
| MB 460-995292/7    | Method Blank           | 96                                             | 100             | 105              | 96              |

### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID     | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                  |                 |
|-------------------|------------------------|------------------------------------------------|-----------------|------------------|-----------------|
|                   |                        | DCA<br>(70-128)                                | BFB<br>(76-120) | DBFM<br>(77-132) | TOL<br>(80-120) |
| 460-311096-5      | FB_09092024            | 95                                             | 98              | 105              | 99              |
| 460-311096-13     | TB_09092024            | 97                                             | 100             | 104              | 99              |
| LCS 460-995611/4  | Lab Control Sample     | 97                                             | 103             | 105              | 100             |
| LCSD 460-995611/5 | Lab Control Sample Dup | 98                                             | 103             | 104              | 101             |
| MB 460-995611/8   | Method Blank           | 99                                             | 100             | 104              | 99              |

### Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                 |                  |
|---------------|------------------|------------------------------------------------|-----------------|-----------------|-----------------|-----------------|------------------|
|               |                  | TBP<br>(24-137)                                | FBP<br>(38-128) | 2FP<br>(31-133) | NBZ<br>(31-120) | PHL<br>(35-132) | TPHL<br>(44-147) |
| 460-311096-1  | RXSB-5_0-2       | 90                                             | 97              | 96              | 97              | 101             | 101              |
| 460-311096-2  | RXSB-5_4-6       | 88                                             | 91              | 91              | 92              | 95              | 96               |
| 460-311096-3  | RXSB-10_0-2      | 90                                             | 95              | 95              | 97              | 100             | 99               |
| 460-311096-4  | RXSB-10_4-6      | 91                                             | 96              | 96              | 98              | 100             | 98               |
| 460-311096-6  | RXSB-3_0-2       | 92                                             | 96              | 96              | 97              | 101             | 97               |

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# Surrogate Summary

Client: Roux Environmental Eng & Geology DPC

Job ID: 460-311096-1

Project/Site: 2828 W 28th Street

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID       | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |                 |                 |                  |
|---------------------|------------------------|------------------------------------------------|-----------------|-----------------|-----------------|-----------------|------------------|
|                     |                        | TBP<br>(24-137)                                | FBP<br>(38-128) | 2FP<br>(31-133) | NBZ<br>(31-120) | PHL<br>(35-132) | TPHL<br>(44-147) |
| 460-311096-7        | RXSB-3_4-6             | 89                                             | 94              | 93              | 97              | 97              | 93               |
| 460-311096-8        | RXSB-8_0-2             | 91                                             | 98              | 98              | 99              | 102             | 98               |
| 460-311096-9        | RXSB-8_4-6             | 88                                             | 93              | 92              | 92              | 95              | 95               |
| 460-311096-10       | RXSB-9_0-2             | 89                                             | 93              | 89              | 92              | 95              | 95               |
| 460-311096-11       | RXSB-9_4-6             | 89                                             | 98              | 101             | 99              | 102             | 96               |
| 460-311096-11 - DL  | RXSB-9_4-6             | 99                                             | 102             | 100             | 104             | 105             | 105              |
| 460-311096-12       | DUP_09092024           | 90                                             | 102             | 106             | 106             | 107             | 99               |
| LCS 460-995337/2-A  | Lab Control Sample     | 75                                             | 77              | 90              | 88              | 93              | 85               |
| LCS 460-995338/2-A  | Lab Control Sample     | 102                                            | 104             | 105             | 109             | 110             | 105              |
| LCSD 460-995337/3-A | Lab Control Sample Dup | 81                                             | 80              | 90              | 90              | 96              | 86               |
| LCSD 460-995338/3-A | Lab Control Sample Dup | 98                                             | 101             | 101             | 105             | 107             | 102              |
| MB 460-995337/1-A   | Method Blank           | 80                                             | 78              | 91              | 90              | 96              | 89               |
| MB 460-995338/1-A   | Method Blank           | 90                                             | 102             | 101             | 107             | 105             | 105              |

### Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID        | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                |                 |                |                  |
|----------------------|------------------------|------------------------------------------------|-----------------|----------------|-----------------|----------------|------------------|
|                      |                        | TBP<br>(37-150)                                | FBP<br>(46-139) | 2FP<br>(16-80) | NBZ<br>(51-145) | PHL<br>(10-56) | TPHL<br>(13-159) |
| 460-311096-5         | FB_09092024            | 114                                            | 105             | 56             | 107             | 36             | 79               |
| 460-311121-H-6-B MS  | Matrix Spike           | 115                                            | 95              | 57             | 99              | 42             | 58               |
| 460-311121-H-6-C MSD | Matrix Spike Duplicate | 99                                             | 79              | 58             | 82              | 44             | 41               |
| LCS 460-995477/2-A   | Lab Control Sample     | 126                                            | 105             | 74             | 110             | 55             | 101              |
| LCSD 460-995477/3-A  | Lab Control Sample Dup | 127                                            | 104             | 74             | 113             | 55             | 101              |
| MB 460-995477/1-A    | Method Blank           | 117                                            | 115             | 67             | 112             | 47             | 111              |

### Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID        | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                   |                  |                  |
|----------------------|------------------------|------------------------------------------------|-------------------|------------------|------------------|
|                      |                        | DCBP1<br>(17-150)                              | DCBP2<br>(17-150) | TCX1<br>(21-150) | TCX2<br>(21-150) |
| 460-311069-B-1-E MS  | Matrix Spike           | 113                                            | 100               | 81               | 80               |
| 460-311069-B-1-F MSD | Matrix Spike Duplicate | 133                                            | 119               | 94               | 93               |
| 460-311096-1         | RXSB-5_0-2             | 50                                             | 49                | 39               | 38               |

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# Surrogate Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

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

Matrix: Solid

Prep Type: Total/NA

|                     |                        | Percent Surrogate Recovery (Acceptance Limits) |                   |                  |                  |
|---------------------|------------------------|------------------------------------------------|-------------------|------------------|------------------|
| Lab Sample ID       | Client Sample ID       | DCBP1<br>(17-150)                              | DCBP2<br>(17-150) | TCX1<br>(21-150) | TCX2<br>(21-150) |
| 460-311096-2        | RXSB-5_4-6             | 53                                             | 55                | 42               | 41               |
| 460-311096-3        | RXSB-10_0-2            | 73                                             | 78                | 62               | 61               |
| 460-311096-4        | RXSB-10_4-6            | 81                                             | 89                | 67               | 66               |
| 460-311096-6        | RXSB-3_0-2             | 54                                             | 54                | 44               | 43               |
| 460-311096-7        | RXSB-3_4-6             | 59                                             | 57                | 47               | 45               |
| 460-311096-8        | RXSB-8_0-2             | 110                                            | 115               | 91               | 91               |
| 460-311096-9        | RXSB-8_4-6             | 61                                             | 60                | 49               | 47               |
| 460-311096-10       | RXSB-9_0-2             | 76                                             | 83                | 53               | 52               |
| 460-311096-11       | RXSB-9_4-6             | 71                                             | 76                | 56               | 53               |
| 460-311096-12       | DUP_09092024           | 52                                             | 52                | 41               | 40               |
| LCS 460-995291/2-A  | Lab Control Sample     | 90                                             | 85                | 85               | 78               |
| LCSD 460-995291/3-A | Lab Control Sample Dup | 99                                             | 91                | 95               | 86               |
| MB 460-995291/1-A   | Method Blank           | 117                                            | 111               | 102              | 104              |

### Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

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

Matrix: Water

Prep Type: Total/NA

|                     |                        | Percent Surrogate Recovery (Acceptance Limits) |                   |                  |                  |
|---------------------|------------------------|------------------------------------------------|-------------------|------------------|------------------|
| Lab Sample ID       | Client Sample ID       | DCBP1<br>(30-131)                              | DCBP2<br>(30-131) | TCX1<br>(34-120) | TCX2<br>(34-120) |
| 460-311096-5        | FB_09092024            | 93                                             | 99                | 81               | 83               |
| LCS 460-995329/2-A  | Lab Control Sample     | 96                                             | 102               | 99               | 91               |
| LCSD 460-995329/3-A | Lab Control Sample Dup | 91                                             | 101               | 93               | 87               |
| MB 460-995329/1-A   | Method Blank           | 91                                             | 105               | 86               | 95               |

### Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

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

Matrix: Solid

Prep Type: Total/NA

|                     |                        | Percent Surrogate Recovery (Acceptance Limits) |                   |                  |                  |
|---------------------|------------------------|------------------------------------------------|-------------------|------------------|------------------|
| Lab Sample ID       | Client Sample ID       | DCBP1<br>(20-150)                              | DCBP2<br>(20-150) | TCX1<br>(20-150) | TCX2<br>(20-150) |
| 460-311096-1        | RXSB-5_0-2             | 28                                             | 35                | 26               | 26               |
| 460-311096-2        | RXSB-5_4-6             | 36                                             | 44                | 31               | 31               |
| 460-311096-3        | RXSB-10_0-2            | 42                                             | 51                | 44               | 44               |
| 460-311096-4        | RXSB-10_4-6            | 43                                             | 56                | 47               | 49               |
| 460-311096-6        | RXSB-3_0-2             | 34                                             | 42                | 32               | 32               |
| 460-311096-7        | RXSB-3_4-6             | 34                                             | 44                | 32               | 33               |
| 460-311096-8        | RXSB-8_0-2             | 66                                             | 77                | 65               | 63               |
| 460-311096-9        | RXSB-8_4-6             | 33                                             | 43                | 34               | 35               |
| 460-311096-10       | RXSB-9_0-2             | 46                                             | 59                | 37               | 38               |
| 460-311096-11       | RXSB-9_4-6             | 48                                             | 61                | 44               | 44               |
| 460-311096-12       | DUP_09092024           | 31                                             | 38                | 30               | 30               |
| LCS 460-995290/2-A  | Lab Control Sample     | 124                                            | 135               | 95               | 104              |
| LCSD 460-995290/3-A | Lab Control Sample Dup | 127                                            | 125               | 110              | 107              |

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## Surrogate Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

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

Matrix: Solid

Prep Type: Total/NA

|                               |                  | Percent Surrogate Recovery (Acceptance Limits) |                   |                  |                  |
|-------------------------------|------------------|------------------------------------------------|-------------------|------------------|------------------|
| Lab Sample ID                 | Client Sample ID | DCBP1<br>(20-150)                              | DCBP2<br>(20-150) | TCX1<br>(20-150) | TCX2<br>(20-150) |
| MB 460-995290/1-A             | Method Blank     | 124                                            | 121               | 109              | 108              |
| <b>Surrogate Legend</b>       |                  |                                                |                   |                  |                  |
| DCBP = DCB Decachlorobiphenyl |                  |                                                |                   |                  |                  |
| TCX = Tetrachloro-m-xylene    |                  |                                                |                   |                  |                  |

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

Matrix: Water

Prep Type: Total/NA

|                               |                        | Percent Surrogate Recovery (Acceptance Limits) |                   |                  |                  |
|-------------------------------|------------------------|------------------------------------------------|-------------------|------------------|------------------|
| Lab Sample ID                 | Client Sample ID       | DCBP1<br>(18-145)                              | DCBP2<br>(18-145) | TCX1<br>(21-124) | TCX2<br>(21-124) |
| 460-311096-5                  | FB_09092024            | 68                                             | 82                | 71               | 67               |
| LCS 460-995331/2-A            | Lab Control Sample     | 65                                             | 77                | 73               | 68               |
| LCSD 460-995331/3-A           | Lab Control Sample Dup | 63                                             | 76                | 72               | 68               |
| MB 460-995331/1-A             | Method Blank           | 66                                             | 78                | 71               | 70               |
| <b>Surrogate Legend</b>       |                        |                                                |                   |                  |                  |
| DCBP = DCB Decachlorobiphenyl |                        |                                                |                   |                  |                  |
| TCX = Tetrachloro-m-xylene    |                        |                                                |                   |                  |                  |

# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LB3 460-995140/1-A

Matrix: Solid

Analysis Batch: 995292

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 995140

| Analyte                  | LB3    | LB3       | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------|--------|-----------|--------|---------|-------|---|----------------|----------------|---------|
|                          | Result | Qualifier |        |         |       |   |                |                |         |
| 1,1,1-Trichloroethane    | 0.0010 | U         | 0.0010 | 0.00023 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| 1,1-Dichloroethane       | 0.0010 | U         | 0.0010 | 0.00021 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| 1,1-Dichloroethene       | 0.0010 | U         | 0.0010 | 0.00023 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| 1,2,4-Trimethylbenzene   | 0.0010 | U         | 0.0010 | 0.00025 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| 1,2-Dichlorobenzene      | 0.0010 | U         | 0.0010 | 0.00036 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| 1,2-Dichloroethane       | 0.0010 | U         | 0.0010 | 0.00030 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| 1,3,5-Trimethylbenzene   | 0.0010 | U         | 0.0010 | 0.00031 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| 1,3-Dichlorobenzene      | 0.0010 | U         | 0.0010 | 0.00037 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| 1,4-Dichlorobenzene      | 0.0010 | U         | 0.0010 | 0.00023 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| 2-Butanone (MEK)         | 0.0050 | U         | 0.0050 | 0.00037 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| Acetone                  | 0.0060 | U         | 0.0060 | 0.0057  | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| Benzene                  | 0.0010 | U         | 0.0010 | 0.00026 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| Carbon tetrachloride     | 0.0010 | U         | 0.0010 | 0.00039 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| Chlorobenzene            | 0.0010 | U         | 0.0010 | 0.00018 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| Chloroform               | 0.0010 | U         | 0.0010 | 0.00097 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| cis-1,2-Dichloroethene   | 0.0010 | U         | 0.0010 | 0.00036 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| Ethylbenzene             | 0.0010 | U         | 0.0010 | 0.00020 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| Methyl tert-butyl ether  | 0.0010 | U         | 0.0010 | 0.00051 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| Methylene Chloride       | 0.0020 | U         | 0.0020 | 0.0011  | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| m-Xylene & p-Xylene      | 0.0010 | U         | 0.0010 | 0.00017 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| n-Butylbenzene           | 0.0010 | U         | 0.0010 | 0.00029 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| N-Propylbenzene          | 0.0010 | U         | 0.0010 | 0.00018 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| o-Xylene                 | 0.0010 | U         | 0.0010 | 0.00019 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| sec-Butylbenzene         | 0.0010 | U         | 0.0010 | 0.00029 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| tert-Butylbenzene        | 0.0010 | U         | 0.0010 | 0.00028 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| Tetrachloroethene        | 0.0010 | U         | 0.0010 | 0.00031 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| Toluene                  | 0.0010 | U         | 0.0010 | 0.00023 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| trans-1,2-Dichloroethene | 0.0010 | U         | 0.0010 | 0.00025 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| Trichloroethene          | 0.0010 | U         | 0.0010 | 0.00032 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| Vinyl chloride           | 0.0010 | U         | 0.0010 | 0.00055 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| Xylenes, Total           | 0.0020 | U         | 0.0020 | 0.00017 | mg/Kg |   | 09/10/24 23:00 | 09/12/24 02:23 | 1       |

| Surrogate                    | LB3       | LB3       | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
|                              | %Recovery | Qualifier |          |                |                |         |
| 1,2-Dichloroethane-d4 (Surr) | 90        |           | 65 - 138 | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| 4-Bromofluorobenzene         | 103       |           | 71 - 128 | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| Dibromofluoromethane (Surr)  | 99        |           | 50 - 150 | 09/10/24 23:00 | 09/12/24 02:23 | 1       |
| Toluene-d8 (Surr)            | 97        |           | 71 - 126 | 09/10/24 23:00 | 09/12/24 02:23 | 1       |

Lab Sample ID: MB 460-995292/7

Matrix: Solid

Analysis Batch: 995292

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                | MB     | MB        | RL     | MDL     | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------------------|--------|-----------|--------|---------|-------|---|----------|----------------|---------|
|                        | Result | Qualifier |        |         |       |   |          |                |         |
| 1,1,1-Trichloroethane  | 0.0010 | U         | 0.0010 | 0.00023 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| 1,1-Dichloroethane     | 0.0010 | U         | 0.0010 | 0.00021 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| 1,1-Dichloroethene     | 0.0010 | U         | 0.0010 | 0.00023 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| 1,2,4-Trimethylbenzene | 0.0010 | U         | 0.0010 | 0.00025 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| 1,2-Dichlorobenzene    | 0.0010 | U         | 0.0010 | 0.00036 | mg/Kg |   |          | 09/11/24 23:05 | 1       |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-995292/7

Matrix: Solid

Analysis Batch: 995292

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                  | MB Result | MB Qualifier | RL     | MDL     | Unit  | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|-----------|--------------|--------|---------|-------|---|----------|----------------|---------|
| 1,2-Dichloroethane       | 0.0010    | U            | 0.0010 | 0.00030 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| 1,3,5-Trimethylbenzene   | 0.0010    | U            | 0.0010 | 0.00031 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| 1,3-Dichlorobenzene      | 0.0010    | U            | 0.0010 | 0.00037 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| 1,4-Dichlorobenzene      | 0.0010    | U            | 0.0010 | 0.00023 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| 2-Butanone (MEK)         | 0.0050    | U            | 0.0050 | 0.00037 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| Acetone                  | 0.0060    | U            | 0.0060 | 0.0057  | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| Benzene                  | 0.0010    | U            | 0.0010 | 0.00026 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| Carbon tetrachloride     | 0.0010    | U            | 0.0010 | 0.00039 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| Chlorobenzene            | 0.0010    | U            | 0.0010 | 0.00018 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| Chloroform               | 0.0010    | U            | 0.0010 | 0.00097 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| cis-1,2-Dichloroethene   | 0.0010    | U            | 0.0010 | 0.00036 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| Ethylbenzene             | 0.0010    | U            | 0.0010 | 0.00020 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| Methyl tert-butyl ether  | 0.0010    | U            | 0.0010 | 0.00051 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| Methylene Chloride       | 0.0020    | U            | 0.0020 | 0.0011  | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| m-Xylene & p-Xylene      | 0.0010    | U            | 0.0010 | 0.00017 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| n-Butylbenzene           | 0.0010    | U            | 0.0010 | 0.00029 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| N-Propylbenzene          | 0.0010    | U            | 0.0010 | 0.00018 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| o-Xylene                 | 0.0010    | U            | 0.0010 | 0.00019 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| sec-Butylbenzene         | 0.0010    | U            | 0.0010 | 0.00029 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| tert-Butylbenzene        | 0.0010    | U            | 0.0010 | 0.00028 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| Tetrachloroethene        | 0.0010    | U            | 0.0010 | 0.00031 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| Toluene                  | 0.0010    | U            | 0.0010 | 0.00023 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| trans-1,2-Dichloroethene | 0.0010    | U            | 0.0010 | 0.00025 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| Trichloroethene          | 0.0010    | U            | 0.0010 | 0.00032 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| Vinyl chloride           | 0.0010    | U            | 0.0010 | 0.00055 | mg/Kg |   |          | 09/11/24 23:05 | 1       |
| Xylenes, Total           | 0.0020    | U            | 0.0020 | 0.00017 | mg/Kg |   |          | 09/11/24 23:05 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96           |              | 65 - 138 |          | 09/11/24 23:05 | 1       |
| 4-Bromofluorobenzene         | 100          |              | 71 - 128 |          | 09/11/24 23:05 | 1       |
| Dibromofluoromethane (Surr)  | 105          |              | 50 - 150 |          | 09/11/24 23:05 | 1       |
| Toluene-d8 (Surr)            | 96           |              | 71 - 126 |          | 09/11/24 23:05 | 1       |

Lab Sample ID: LCS 460-995292/3

Matrix: Solid

Analysis Batch: 995292

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|-------|---|------|-------------|
| 1,1,1-Trichloroethane  | 0.0200      | 0.0198     |               | mg/Kg |   | 99   | 78 - 120    |
| 1,1-Dichloroethane     | 0.0200      | 0.0216     |               | mg/Kg |   | 108  | 72 - 120    |
| 1,1-Dichloroethene     | 0.0200      | 0.0201     |               | mg/Kg |   | 101  | 76 - 120    |
| 1,2,4-Trimethylbenzene | 0.0200      | 0.0177     |               | mg/Kg |   | 89   | 75 - 120    |
| 1,2-Dichlorobenzene    | 0.0200      | 0.0197     |               | mg/Kg |   | 98   | 80 - 120    |
| 1,2-Dichloroethane     | 0.0200      | 0.0193     |               | mg/Kg |   | 97   | 70 - 123    |
| 1,3,5-Trimethylbenzene | 0.0200      | 0.0182     |               | mg/Kg |   | 91   | 70 - 120    |
| 1,3-Dichlorobenzene    | 0.0200      | 0.0188     |               | mg/Kg |   | 94   | 80 - 120    |
| 1,4-Dichlorobenzene    | 0.0200      | 0.0189     |               | mg/Kg |   | 95   | 80 - 120    |
| 2-Butanone (MEK)       | 0.100       | 0.0814     |               | mg/Kg |   | 81   | 64 - 128    |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-995292/3

Matrix: Solid

Analysis Batch: 995292

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Acetone                  | 0.100       | 0.0768     |               | mg/Kg |   | 77   | 58 - 122    |
| Benzene                  | 0.0200      | 0.0224     |               | mg/Kg |   | 112  | 75 - 120    |
| Carbon tetrachloride     | 0.0200      | 0.0210     |               | mg/Kg |   | 105  | 66 - 127    |
| Chlorobenzene            | 0.0200      | 0.0194     |               | mg/Kg |   | 97   | 80 - 120    |
| Chloroform               | 0.0200      | 0.0202     |               | mg/Kg |   | 101  | 79 - 126    |
| cis-1,2-Dichloroethene   | 0.0200      | 0.0207     |               | mg/Kg |   | 104  | 80 - 123    |
| Ethylbenzene             | 0.0200      | 0.0195     |               | mg/Kg |   | 97   | 80 - 120    |
| Methyl tert-butyl ether  | 0.0200      | 0.0197     |               | mg/Kg |   | 98   | 74 - 125    |
| Methylene Chloride       | 0.0200      | 0.0201     |               | mg/Kg |   | 100  | 78 - 120    |
| m-Xylene & p-Xylene      | 0.0200      | 0.0195     |               | mg/Kg |   | 98   | 80 - 120    |
| n-Butylbenzene           | 0.0200      | 0.0195     |               | mg/Kg |   | 97   | 72 - 120    |
| N-Propylbenzene          | 0.0200      | 0.0183     |               | mg/Kg |   | 91   | 68 - 120    |
| o-Xylene                 | 0.0200      | 0.0196     |               | mg/Kg |   | 98   | 80 - 120    |
| sec-Butylbenzene         | 0.0200      | 0.0184     |               | mg/Kg |   | 92   | 78 - 120    |
| tert-Butylbenzene        | 0.0200      | 0.0181     |               | mg/Kg |   | 90   | 80 - 120    |
| Tetrachloroethene        | 0.0200      | 0.0199     |               | mg/Kg |   | 99   | 73 - 120    |
| Toluene                  | 0.0200      | 0.0193     |               | mg/Kg |   | 97   | 80 - 120    |
| trans-1,2-Dichloroethene | 0.0200      | 0.0213     |               | mg/Kg |   | 107  | 78 - 120    |
| Trichloroethene          | 0.0200      | 0.0198     |               | mg/Kg |   | 99   | 80 - 120    |
| Vinyl chloride           | 0.0200      | 0.0235     |               | mg/Kg |   | 117  | 54 - 122    |
| Xylenes, Total           | 0.0400      | 0.0391     |               | mg/Kg |   | 98   | 80 - 120    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 89            |               | 65 - 138 |
| 4-Bromofluorobenzene         | 102           |               | 71 - 128 |
| Dibromofluoromethane (Surr)  | 98            |               | 50 - 150 |
| Toluene-d8 (Surr)            | 94            |               | 71 - 126 |

Lab Sample ID: LCSD 460-995292/4

Matrix: Solid

Analysis Batch: 995292

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| 1,1,1-Trichloroethane  | 0.0200      | 0.0203      |                | mg/Kg |   | 102  | 78 - 120    | 3   | 30        |
| 1,1-Dichloroethane     | 0.0200      | 0.0227      |                | mg/Kg |   | 114  | 72 - 120    | 5   | 30        |
| 1,1-Dichloroethene     | 0.0200      | 0.0204      |                | mg/Kg |   | 102  | 76 - 120    | 2   | 30        |
| 1,2,4-Trimethylbenzene | 0.0200      | 0.0182      |                | mg/Kg |   | 91   | 75 - 120    | 2   | 30        |
| 1,2-Dichlorobenzene    | 0.0200      | 0.0205      |                | mg/Kg |   | 102  | 80 - 120    | 4   | 30        |
| 1,2-Dichloroethane     | 0.0200      | 0.0197      |                | mg/Kg |   | 98   | 70 - 123    | 2   | 30        |
| 1,3,5-Trimethylbenzene | 0.0200      | 0.0185      |                | mg/Kg |   | 92   | 70 - 120    | 2   | 30        |
| 1,3-Dichlorobenzene    | 0.0200      | 0.0192      |                | mg/Kg |   | 96   | 80 - 120    | 2   | 30        |
| 1,4-Dichlorobenzene    | 0.0200      | 0.0197      |                | mg/Kg |   | 99   | 80 - 120    | 4   | 30        |
| 2-Butanone (MEK)       | 0.100       | 0.0860      |                | mg/Kg |   | 86   | 64 - 128    | 6   | 30        |
| Acetone                | 0.100       | 0.0828      |                | mg/Kg |   | 83   | 58 - 122    | 8   | 30        |
| Benzene                | 0.0200      | 0.0235      |                | mg/Kg |   | 118  | 75 - 120    | 5   | 30        |
| Carbon tetrachloride   | 0.0200      | 0.0217      |                | mg/Kg |   | 109  | 66 - 127    | 3   | 30        |
| Chlorobenzene          | 0.0200      | 0.0201      |                | mg/Kg |   | 100  | 80 - 120    | 3   | 30        |
| Chloroform             | 0.0200      | 0.0207      |                | mg/Kg |   | 104  | 79 - 126    | 2   | 30        |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-995292/4

Matrix: Solid

Analysis Batch: 995292

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                  | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| cis-1,2-Dichloroethene   | 0.0200      | 0.0219      |                | mg/Kg |   | 109  | 80 - 123    | 5   | 30        |
| Ethylbenzene             | 0.0200      | 0.0198      |                | mg/Kg |   | 99   | 80 - 120    | 2   | 30        |
| Methyl tert-butyl ether  | 0.0200      | 0.0198      |                | mg/Kg |   | 99   | 74 - 125    | 1   | 30        |
| Methylene Chloride       | 0.0200      | 0.0205      |                | mg/Kg |   | 102  | 78 - 120    | 2   | 30        |
| m-Xylene & p-Xylene      | 0.0200      | 0.0200      |                | mg/Kg |   | 100  | 80 - 120    | 2   | 30        |
| n-Butylbenzene           | 0.0200      | 0.0197      |                | mg/Kg |   | 98   | 72 - 120    | 1   | 30        |
| N-Propylbenzene          | 0.0200      | 0.0191      |                | mg/Kg |   | 95   | 68 - 120    | 4   | 30        |
| o-Xylene                 | 0.0200      | 0.0209      |                | mg/Kg |   | 104  | 80 - 120    | 6   | 30        |
| sec-Butylbenzene         | 0.0200      | 0.0184      |                | mg/Kg |   | 92   | 78 - 120    | 0   | 30        |
| tert-Butylbenzene        | 0.0200      | 0.0182      |                | mg/Kg |   | 91   | 80 - 120    | 1   | 30        |
| Tetrachloroethene        | 0.0200      | 0.0201      |                | mg/Kg |   | 100  | 73 - 120    | 1   | 30        |
| Toluene                  | 0.0200      | 0.0199      |                | mg/Kg |   | 100  | 80 - 120    | 3   | 30        |
| trans-1,2-Dichloroethene | 0.0200      | 0.0221      |                | mg/Kg |   | 111  | 78 - 120    | 3   | 30        |
| Trichloroethene          | 0.0200      | 0.0202      |                | mg/Kg |   | 101  | 80 - 120    | 2   | 30        |
| Vinyl chloride           | 0.0200      | 0.0233      |                | mg/Kg |   | 116  | 54 - 122    | 1   | 30        |
| Xylenes, Total           | 0.0400      | 0.0408      |                | mg/Kg |   | 102  | 80 - 120    | 4   | 30        |

| Surrogate                    | LCSD %Recovery | LCSD Qualifier | LCSD Limits |
|------------------------------|----------------|----------------|-------------|
| 1,2-Dichloroethane-d4 (Surr) | 89             |                | 65 - 138    |
| 4-Bromofluorobenzene         | 104            |                | 71 - 128    |
| Dibromofluoromethane (Surr)  | 99             |                | 50 - 150    |
| Toluene-d8 (Surr)            | 98             |                | 71 - 126    |

Lab Sample ID: MB 460-995611/8

Matrix: Water

Analysis Batch: 995611

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                 | MB Result | MB Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-------------------------|-----------|--------------|-----|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane   | 1.0       | U            | 1.0 | 0.24 | ug/L |   |          | 09/13/24 08:17 | 1       |
| 1,1-Dichloroethane      | 1.0       | U            | 1.0 | 0.26 | ug/L |   |          | 09/13/24 08:17 | 1       |
| 1,1-Dichloroethene      | 1.0       | U            | 1.0 | 0.26 | ug/L |   |          | 09/13/24 08:17 | 1       |
| 1,2,4-Trimethylbenzene  | 1.0       | U            | 1.0 | 0.37 | ug/L |   |          | 09/13/24 08:17 | 1       |
| 1,2-Dichlorobenzene     | 1.0       | U            | 1.0 | 0.21 | ug/L |   |          | 09/13/24 08:17 | 1       |
| 1,2-Dichloroethane      | 1.0       | U            | 1.0 | 0.43 | ug/L |   |          | 09/13/24 08:17 | 1       |
| 1,3,5-Trimethylbenzene  | 1.0       | U            | 1.0 | 0.33 | ug/L |   |          | 09/13/24 08:17 | 1       |
| 1,3-Dichlorobenzene     | 1.0       | U            | 1.0 | 0.34 | ug/L |   |          | 09/13/24 08:17 | 1       |
| 1,4-Dichlorobenzene     | 1.0       | U            | 1.0 | 0.33 | ug/L |   |          | 09/13/24 08:17 | 1       |
| 2-Butanone (MEK)        | 5.0       | U            | 5.0 | 1.9  | ug/L |   |          | 09/13/24 08:17 | 1       |
| Acetone                 | 5.0       | U            | 5.0 | 4.4  | ug/L |   |          | 09/13/24 08:17 | 1       |
| Benzene                 | 1.0       | U            | 1.0 | 0.20 | ug/L |   |          | 09/13/24 08:17 | 1       |
| Carbon tetrachloride    | 1.0       | U            | 1.0 | 0.21 | ug/L |   |          | 09/13/24 08:17 | 1       |
| Chlorobenzene           | 1.0       | U            | 1.0 | 0.38 | ug/L |   |          | 09/13/24 08:17 | 1       |
| Chloroform              | 1.0       | U            | 1.0 | 0.33 | ug/L |   |          | 09/13/24 08:17 | 1       |
| cis-1,2-Dichloroethene  | 1.0       | U            | 1.0 | 0.22 | ug/L |   |          | 09/13/24 08:17 | 1       |
| Ethylbenzene            | 1.0       | U            | 1.0 | 0.30 | ug/L |   |          | 09/13/24 08:17 | 1       |
| Methyl tert-butyl ether | 1.0       | U            | 1.0 | 0.22 | ug/L |   |          | 09/13/24 08:17 | 1       |
| Methylene Chloride      | 1.0       | U            | 1.0 | 0.32 | ug/L |   |          | 09/13/24 08:17 | 1       |
| m-Xylene & p-Xylene     | 1.0       | U            | 1.0 | 0.30 | ug/L |   |          | 09/13/24 08:17 | 1       |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-995611/8

Matrix: Water

Analysis Batch: 995611

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                  | MB Result | MB Qualifier | RL  | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------|-----------|--------------|-----|------|------|---|----------|----------------|---------|
| n-Butylbenzene           | 1.0       | U            | 1.0 | 0.32 | ug/L |   |          | 09/13/24 08:17 | 1       |
| N-Propylbenzene          | 1.0       | U            | 1.0 | 0.32 | ug/L |   |          | 09/13/24 08:17 | 1       |
| o-Xylene                 | 1.0       | U            | 1.0 | 0.36 | ug/L |   |          | 09/13/24 08:17 | 1       |
| sec-Butylbenzene         | 1.0       | U            | 1.0 | 0.37 | ug/L |   |          | 09/13/24 08:17 | 1       |
| tert-Butylbenzene        | 1.0       | U            | 1.0 | 0.34 | ug/L |   |          | 09/13/24 08:17 | 1       |
| Tetrachloroethene        | 1.0       | U            | 1.0 | 0.25 | ug/L |   |          | 09/13/24 08:17 | 1       |
| Toluene                  | 1.0       | U            | 1.0 | 0.38 | ug/L |   |          | 09/13/24 08:17 | 1       |
| trans-1,2-Dichloroethene | 1.0       | U            | 1.0 | 0.24 | ug/L |   |          | 09/13/24 08:17 | 1       |
| Trichloroethene          | 1.0       | U            | 1.0 | 0.31 | ug/L |   |          | 09/13/24 08:17 | 1       |
| Vinyl chloride           | 1.0       | U            | 1.0 | 0.17 | ug/L |   |          | 09/13/24 08:17 | 1       |
| Xylenes, Total           | 2.0       | U            | 2.0 | 0.65 | ug/L |   |          | 09/13/24 08:17 | 1       |

| Surrogate                    | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99           |              | 70 - 128 |          | 09/13/24 08:17 | 1       |
| 4-Bromofluorobenzene         | 100          |              | 76 - 120 |          | 09/13/24 08:17 | 1       |
| Dibromofluoromethane (Surr)  | 104          |              | 77 - 132 |          | 09/13/24 08:17 | 1       |
| Toluene-d8 (Surr)            | 99           |              | 80 - 120 |          | 09/13/24 08:17 | 1       |

Lab Sample ID: LCS 460-995611/4

Matrix: Water

Analysis Batch: 995611

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                 | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1-Trichloroethane   | 20.0        | 24.6       |               | ug/L |   | 123  | 72 - 128    |
| 1,1-Dichloroethane      | 20.0        | 21.3       |               | ug/L |   | 107  | 73 - 130    |
| 1,1-Dichloroethene      | 20.0        | 20.8       |               | ug/L |   | 104  | 68 - 133    |
| 1,2,4-Trimethylbenzene  | 20.0        | 22.3       |               | ug/L |   | 112  | 75 - 125    |
| 1,2-Dichlorobenzene     | 20.0        | 22.1       |               | ug/L |   | 110  | 80 - 120    |
| 1,2-Dichloroethane      | 20.0        | 20.3       |               | ug/L |   | 101  | 66 - 129    |
| 1,3,5-Trimethylbenzene  | 20.0        | 22.2       |               | ug/L |   | 111  | 75 - 125    |
| 1,3-Dichlorobenzene     | 20.0        | 22.0       |               | ug/L |   | 110  | 80 - 120    |
| 1,4-Dichlorobenzene     | 20.0        | 21.9       |               | ug/L |   | 109  | 80 - 120    |
| 2-Butanone (MEK)        | 100         | 106        |               | ug/L |   | 106  | 65 - 142    |
| Acetone                 | 100         | 99.2       |               | ug/L |   | 99   | 60 - 133    |
| Benzene                 | 20.0        | 20.3       |               | ug/L |   | 101  | 71 - 126    |
| Carbon tetrachloride    | 20.0        | 31.2       | *             | ug/L |   | 156  | 65 - 131    |
| Chlorobenzene           | 20.0        | 21.8       |               | ug/L |   | 109  | 80 - 120    |
| Chloroform              | 20.0        | 21.9       |               | ug/L |   | 109  | 78 - 125    |
| cis-1,2-Dichloroethene  | 20.0        | 21.1       |               | ug/L |   | 105  | 78 - 121    |
| Ethylbenzene            | 20.0        | 21.5       |               | ug/L |   | 107  | 78 - 120    |
| Methyl tert-butyl ether | 20.0        | 19.4       |               | ug/L |   | 97   | 72 - 131    |
| Methylene Chloride      | 20.0        | 20.6       |               | ug/L |   | 103  | 74 - 127    |
| m-Xylene & p-Xylene     | 20.0        | 22.0       |               | ug/L |   | 110  | 78 - 120    |
| n-Butylbenzene          | 20.0        | 23.2       |               | ug/L |   | 116  | 69 - 135    |
| N-Propylbenzene         | 20.0        | 21.8       |               | ug/L |   | 109  | 68 - 129    |
| o-Xylene                | 20.0        | 21.8       |               | ug/L |   | 109  | 78 - 120    |
| sec-Butylbenzene        | 20.0        | 22.8       |               | ug/L |   | 114  | 77 - 129    |
| tert-Butylbenzene       | 20.0        | 22.1       |               | ug/L |   | 110  | 78 - 120    |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-995611/4

Matrix: Water

Analysis Batch: 995611

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------|-------------|------------|---------------|------|---|------|-------------|
| Tetrachloroethene        | 20.0        | 22.3       |               | ug/L |   | 112  | 70 - 127    |
| Toluene                  | 20.0        | 18.9       |               | ug/L |   | 95   | 78 - 120    |
| trans-1,2-Dichloroethene | 20.0        | 21.0       |               | ug/L |   | 105  | 70 - 126    |
| Trichloroethene          | 20.0        | 22.0       |               | ug/L |   | 110  | 73 - 121    |
| Vinyl chloride           | 20.0        | 21.0       |               | ug/L |   | 105  | 55 - 144    |
| Xylenes, Total           | 40.0        | 43.8       |               | ug/L |   | 110  | 80 - 120    |

| Surrogate                    | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 97            |               | 70 - 128 |
| 4-Bromofluorobenzene         | 103           |               | 76 - 120 |
| Dibromofluoromethane (Surr)  | 105           |               | 77 - 132 |
| Toluene-d8 (Surr)            | 100           |               | 80 - 120 |

Lab Sample ID: LCSD 460-995611/5

Matrix: Water

Analysis Batch: 995611

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                  | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 1,1,1-Trichloroethane    | 20.0        | 23.6        |                | ug/L |   | 118  | 72 - 128    | 4   | 30        |
| 1,1-Dichloroethane       | 20.0        | 20.6        |                | ug/L |   | 103  | 73 - 130    | 3   | 30        |
| 1,1-Dichloroethene       | 20.0        | 19.8        |                | ug/L |   | 99   | 68 - 133    | 5   | 30        |
| 1,2,4-Trimethylbenzene   | 20.0        | 20.8        |                | ug/L |   | 104  | 75 - 125    | 7   | 30        |
| 1,2-Dichlorobenzene      | 20.0        | 20.5        |                | ug/L |   | 102  | 80 - 120    | 7   | 30        |
| 1,2-Dichloroethane       | 20.0        | 19.2        |                | ug/L |   | 96   | 66 - 129    | 5   | 30        |
| 1,3,5-Trimethylbenzene   | 20.0        | 20.7        |                | ug/L |   | 103  | 75 - 125    | 7   | 30        |
| 1,3-Dichlorobenzene      | 20.0        | 20.5        |                | ug/L |   | 102  | 80 - 120    | 7   | 30        |
| 1,4-Dichlorobenzene      | 20.0        | 20.8        |                | ug/L |   | 104  | 80 - 120    | 5   | 30        |
| 2-Butanone (MEK)         | 100         | 102         |                | ug/L |   | 102  | 65 - 142    | 4   | 30        |
| Acetone                  | 100         | 91.3        |                | ug/L |   | 91   | 60 - 133    | 8   | 30        |
| Benzene                  | 20.0        | 19.5        |                | ug/L |   | 98   | 71 - 126    | 4   | 30        |
| Carbon tetrachloride     | 20.0        | 28.8        | *              | ug/L |   | 144  | 65 - 131    | 8   | 30        |
| Chlorobenzene            | 20.0        | 20.8        |                | ug/L |   | 104  | 80 - 120    | 5   | 30        |
| Chloroform               | 20.0        | 21.1        |                | ug/L |   | 105  | 78 - 125    | 4   | 30        |
| cis-1,2-Dichloroethene   | 20.0        | 19.8        |                | ug/L |   | 99   | 78 - 121    | 6   | 30        |
| Ethylbenzene             | 20.0        | 21.2        |                | ug/L |   | 106  | 78 - 120    | 1   | 30        |
| Methyl tert-butyl ether  | 20.0        | 18.4        |                | ug/L |   | 92   | 72 - 131    | 5   | 30        |
| Methylene Chloride       | 20.0        | 18.9        |                | ug/L |   | 95   | 74 - 127    | 9   | 30        |
| m-Xylene & p-Xylene      | 20.0        | 20.9        |                | ug/L |   | 104  | 78 - 120    | 5   | 30        |
| n-Butylbenzene           | 20.0        | 21.6        |                | ug/L |   | 108  | 69 - 135    | 7   | 30        |
| N-Propylbenzene          | 20.0        | 20.4        |                | ug/L |   | 102  | 68 - 129    | 6   | 30        |
| o-Xylene                 | 20.0        | 20.5        |                | ug/L |   | 103  | 78 - 120    | 6   | 30        |
| sec-Butylbenzene         | 20.0        | 20.9        |                | ug/L |   | 105  | 77 - 129    | 9   | 30        |
| tert-Butylbenzene        | 20.0        | 20.2        |                | ug/L |   | 101  | 78 - 120    | 9   | 30        |
| Tetrachloroethene        | 20.0        | 21.3        |                | ug/L |   | 107  | 70 - 127    | 5   | 30        |
| Toluene                  | 20.0        | 18.4        |                | ug/L |   | 92   | 78 - 120    | 3   | 30        |
| trans-1,2-Dichloroethene | 20.0        | 20.8        |                | ug/L |   | 104  | 70 - 126    | 1   | 30        |
| Trichloroethene          | 20.0        | 20.7        |                | ug/L |   | 103  | 73 - 121    | 6   | 30        |
| Vinyl chloride           | 20.0        | 18.8        |                | ug/L |   | 94   | 55 - 144    | 11  | 30        |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-995611/5

Matrix: Water

Analysis Batch: 995611

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte                      | Spike Added    | LCSD Result    | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------------|----------------|----------------|----------------|------|---|------|-------------|-----|-----------|
| Xylenes, Total               | 40.0           | 41.4           |                | ug/L |   | 103  | 80 - 120    | 6   | 30        |
|                              |                |                |                |      |   |      |             |     |           |
| Surrogate                    | LCSD %Recovery | LCSD Qualifier | Limits         |      |   |      |             |     |           |
| 1,2-Dichloroethane-d4 (Surr) | 98             |                | 70 - 128       |      |   |      |             |     |           |
| 4-Bromofluorobenzene         | 103            |                | 76 - 120       |      |   |      |             |     |           |
| Dibromofluoromethane (Surr)  | 104            |                | 77 - 132       |      |   |      |             |     |           |
| Toluene-d8 (Surr)            | 101            |                | 80 - 120       |      |   |      |             |     |           |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-995337/1-A

Matrix: Solid

Analysis Batch: 995400

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 995337

| Analyte                     | MB Result    | MB Qualifier | RL       | MDL    | Unit  | D              | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|--------|-------|----------------|----------------|----------------|---------|
| 1,4-Dioxane                 | 0.033        | U            | 0.033    | 0.029  | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| 2-Methylphenol              | 0.33         | U            | 0.33     | 0.012  | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| 3 & 4 Methylphenol          | 0.33         | U            | 0.33     | 0.021  | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Acenaphthene                | 0.33         | U            | 0.33     | 0.0094 | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Acenaphthylene              | 0.33         | U            | 0.33     | 0.0095 | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Anthracene                  | 0.33         | U            | 0.33     | 0.010  | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Benzo[a]anthracene          | 0.033        | U            | 0.033    | 0.025  | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Benzo[a]pyrene              | 0.033        | U            | 0.033    | 0.0088 | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Benzo[b]fluoranthene        | 0.033        | U            | 0.033    | 0.0086 | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Benzo[g,h,i]perylene        | 0.33         | U            | 0.33     | 0.0098 | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Benzo[k]fluoranthene        | 0.033        | U            | 0.033    | 0.0065 | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Chrysene                    | 0.33         | U            | 0.33     | 0.014  | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Dibenz(a,h)anthracene       | 0.033        | U            | 0.033    | 0.014  | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Dibenzofuran                | 0.33         | U            | 0.33     | 0.011  | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Fluoranthene                | 0.33         | U            | 0.33     | 0.012  | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Fluorene                    | 0.33         | U            | 0.33     | 0.0097 | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Hexachlorobenzene           | 0.033        | U            | 0.033    | 0.016  | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Indeno[1,2,3-cd]pyrene      | 0.033        | U            | 0.033    | 0.013  | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Naphthalene                 | 0.33         | U            | 0.33     | 0.0057 | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Pentachlorophenol           | 0.27         | U            | 0.27     | 0.068  | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Phenanthrene                | 0.33         | U            | 0.33     | 0.014  | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Phenol                      | 0.33         | U            | 0.33     | 0.012  | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
| Pyrene                      | 0.33         | U            | 0.33     | 0.0082 | mg/Kg |                | 09/11/24 20:42 | 09/12/24 07:31 | 1       |
|                             |              |              |          |        |       |                |                |                |         |
| Surrogate                   | MB %Recovery | MB Qualifier | Limits   |        |       | Prepared       | Analyzed       | Dil Fac        |         |
| 2,4,6-Tribromophenol (Surr) | 80           |              | 24 - 137 |        |       | 09/11/24 20:42 | 09/12/24 07:31 |                | 1       |
| 2-Fluorobiphenyl            | 78           |              | 38 - 128 |        |       | 09/11/24 20:42 | 09/12/24 07:31 |                | 1       |
| 2-Fluorophenol (Surr)       | 91           |              | 31 - 133 |        |       | 09/11/24 20:42 | 09/12/24 07:31 |                | 1       |
| Nitrobenzene-d5 (Surr)      | 90           |              | 31 - 120 |        |       | 09/11/24 20:42 | 09/12/24 07:31 |                | 1       |
| Phenol-d5 (Surr)            | 96           |              | 35 - 132 |        |       | 09/11/24 20:42 | 09/12/24 07:31 |                | 1       |
| Terphenyl-d14 (Surr)        | 89           |              | 44 - 147 |        |       | 09/11/24 20:42 | 09/12/24 07:31 |                | 1       |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-995337/2-A

Matrix: Solid

Analysis Batch: 995400

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 995337

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|-------|---|------|-------------|
| 1,4-Dioxane            | 3.33        | 2.72       |               | mg/Kg |   | 82   | 27 - 120    |
| 2-Methylnaphthalene    | 3.33        | 2.52       |               | mg/Kg |   | 76   | 64 - 120    |
| 2-Methylphenol         | 3.33        | 3.09       |               | mg/Kg |   | 93   | 63 - 120    |
| 3 & 4 Methylphenol     | 3.33        | 2.92       |               | mg/Kg |   | 88   | 61 - 120    |
| Acenaphthene           | 3.33        | 2.74       |               | mg/Kg |   | 82   | 65 - 120    |
| Acenaphthylene         | 3.33        | 2.93       |               | mg/Kg |   | 88   | 64 - 120    |
| Anthracene             | 3.33        | 2.81       |               | mg/Kg |   | 84   | 67 - 120    |
| Benzo[a]anthracene     | 3.33        | 2.79       |               | mg/Kg |   | 84   | 66 - 120    |
| Benzo[a]pyrene         | 3.33        | 2.91       |               | mg/Kg |   | 87   | 73 - 123    |
| Benzo[b]fluoranthene   | 3.33        | 2.87       |               | mg/Kg |   | 86   | 70 - 125    |
| Benzo[g,h,i]perylene   | 3.33        | 2.99       |               | mg/Kg |   | 90   | 66 - 120    |
| Benzo[k]fluoranthene   | 3.33        | 2.85       |               | mg/Kg |   | 85   | 67 - 122    |
| Chrysene               | 3.33        | 2.73       |               | mg/Kg |   | 82   | 67 - 120    |
| Dibenz(a,h)anthracene  | 3.33        | 2.78       |               | mg/Kg |   | 83   | 66 - 128    |
| Dibenzofuran           | 3.33        | 2.67       |               | mg/Kg |   | 80   | 61 - 120    |
| Fluoranthene           | 3.33        | 2.63       |               | mg/Kg |   | 79   | 61 - 120    |
| Fluorene               | 3.33        | 2.73       |               | mg/Kg |   | 82   | 64 - 120    |
| Hexachlorobenzene      | 3.33        | 2.81       |               | mg/Kg |   | 84   | 66 - 120    |
| Indeno[1,2,3-cd]pyrene | 3.33        | 3.07       |               | mg/Kg |   | 92   | 71 - 137    |
| Naphthalene            | 3.33        | 2.79       |               | mg/Kg |   | 84   | 63 - 120    |
| Pentachlorophenol      | 6.67        | 5.24       |               | mg/Kg |   | 79   | 61 - 126    |
| Phenanthrene           | 3.33        | 2.77       |               | mg/Kg |   | 83   | 66 - 120    |
| Phenol                 | 3.33        | 3.05       |               | mg/Kg |   | 91   | 63 - 120    |
| Pyrene                 | 3.33        | 3.00       |               | mg/Kg |   | 90   | 61 - 121    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 75            |               | 24 - 137 |
| 2-Fluorobiphenyl            | 77            |               | 38 - 128 |
| 2-Fluorophenol (Surr)       | 90            |               | 31 - 133 |
| Nitrobenzene-d5 (Surr)      | 88            |               | 31 - 120 |
| Phenol-d5 (Surr)            | 93            |               | 35 - 132 |
| Terphenyl-d14 (Surr)        | 85            |               | 44 - 147 |

Lab Sample ID: LCSD 460-995337/3-A

Matrix: Solid

Analysis Batch: 995400

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 995337

| Analyte              | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| 1,4-Dioxane          | 3.33        | 2.59        |                | mg/Kg |   | 78   | 27 - 120    | 5   | 30        |
| 2-Methylnaphthalene  | 3.33        | 2.60        |                | mg/Kg |   | 78   | 64 - 120    | 3   | 30        |
| 2-Methylphenol       | 3.33        | 3.16        |                | mg/Kg |   | 95   | 63 - 120    | 2   | 30        |
| 3 & 4 Methylphenol   | 3.33        | 3.03        |                | mg/Kg |   | 91   | 61 - 120    | 4   | 30        |
| Acenaphthene         | 3.33        | 2.89        |                | mg/Kg |   | 87   | 65 - 120    | 6   | 30        |
| Acenaphthylene       | 3.33        | 3.11        |                | mg/Kg |   | 93   | 64 - 120    | 6   | 30        |
| Anthracene           | 3.33        | 2.85        |                | mg/Kg |   | 86   | 67 - 120    | 2   | 30        |
| Benzo[a]anthracene   | 3.33        | 2.88        |                | mg/Kg |   | 86   | 66 - 120    | 3   | 30        |
| Benzo[a]pyrene       | 3.33        | 3.00        |                | mg/Kg |   | 90   | 73 - 123    | 3   | 30        |
| Benzo[b]fluoranthene | 3.33        | 3.03        |                | mg/Kg |   | 91   | 70 - 125    | 6   | 30        |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-995337/3-A

Matrix: Solid

Analysis Batch: 995400

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 995337

| Analyte                | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Benzo[g,h,i]perylene   | 3.33        | 2.99        |                | mg/Kg |   | 90   | 66 - 120    | 0   | 30        |
| Benzo[k]fluoranthene   | 3.33        | 2.92        |                | mg/Kg |   | 87   | 67 - 122    | 2   | 30        |
| Chrysene               | 3.33        | 2.79        |                | mg/Kg |   | 84   | 67 - 120    | 2   | 30        |
| Dibenz(a,h)anthracene  | 3.33        | 2.80        |                | mg/Kg |   | 84   | 66 - 128    | 1   | 30        |
| Dibenzofuran           | 3.33        | 2.82        |                | mg/Kg |   | 85   | 61 - 120    | 6   | 30        |
| Fluoranthene           | 3.33        | 2.70        |                | mg/Kg |   | 81   | 61 - 120    | 3   | 30        |
| Fluorene               | 3.33        | 2.89        |                | mg/Kg |   | 87   | 64 - 120    | 6   | 30        |
| Hexachlorobenzene      | 3.33        | 2.80        |                | mg/Kg |   | 84   | 66 - 120    | 0   | 30        |
| Indeno[1,2,3-cd]pyrene | 3.33        | 3.11        |                | mg/Kg |   | 93   | 71 - 137    | 1   | 30        |
| Naphthalene            | 3.33        | 2.84        |                | mg/Kg |   | 85   | 63 - 120    | 2   | 30        |
| Pentachlorophenol      | 6.67        | 5.36        |                | mg/Kg |   | 80   | 61 - 126    | 2   | 30        |
| Phenanthrene           | 3.33        | 2.83        |                | mg/Kg |   | 85   | 66 - 120    | 2   | 30        |
| Phenol                 | 3.33        | 3.06        |                | mg/Kg |   | 92   | 63 - 120    | 0   | 30        |
| Pyrene                 | 3.33        | 3.02        |                | mg/Kg |   | 91   | 61 - 121    | 1   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | LCSD Limits |
|-----------------------------|----------------|----------------|-------------|
| 2,4,6-Tribromophenol (Surr) | 81             |                | 24 - 137    |
| 2-Fluorobiphenyl            | 80             |                | 38 - 128    |
| 2-Fluorophenol (Surr)       | 90             |                | 31 - 133    |
| Nitrobenzene-d5 (Surr)      | 90             |                | 31 - 120    |
| Phenol-d5 (Surr)            | 96             |                | 35 - 132    |
| Terphenyl-d14 (Surr)        | 86             |                | 44 - 147    |

Lab Sample ID: MB 460-995338/1-A

Matrix: Solid

Analysis Batch: 995383

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 995338

| Analyte                | MB Result | MB Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|-------|--------|-------|---|----------------|----------------|---------|
| 1,4-Dioxane            | 0.033     | U            | 0.033 | 0.029  | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| 2-Methylphenol         | 0.33      | U            | 0.33  | 0.012  | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| 3 & 4 Methylphenol     | 0.33      | U            | 0.33  | 0.021  | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Acenaphthene           | 0.33      | U            | 0.33  | 0.0094 | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Acenaphthylene         | 0.33      | U            | 0.33  | 0.0095 | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Anthracene             | 0.33      | U            | 0.33  | 0.010  | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Benzo[a]anthracene     | 0.033     | U            | 0.033 | 0.025  | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Benzo[a]pyrene         | 0.033     | U            | 0.033 | 0.0088 | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Benzo[b]fluoranthene   | 0.033     | U            | 0.033 | 0.0086 | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Benzo[g,h,i]perylene   | 0.33      | U            | 0.33  | 0.0098 | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Benzo[k]fluoranthene   | 0.033     | U            | 0.033 | 0.0065 | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Chrysene               | 0.33      | U            | 0.33  | 0.014  | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Dibenz(a,h)anthracene  | 0.033     | U            | 0.033 | 0.014  | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Dibenzofuran           | 0.33      | U            | 0.33  | 0.011  | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Fluoranthene           | 0.33      | U            | 0.33  | 0.012  | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Fluorene               | 0.33      | U            | 0.33  | 0.0097 | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Hexachlorobenzene      | 0.033     | U            | 0.033 | 0.016  | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Indeno[1,2,3-cd]pyrene | 0.033     | U            | 0.033 | 0.013  | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Naphthalene            | 0.33      | U            | 0.33  | 0.0057 | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Pentachlorophenol      | 0.27      | U            | 0.27  | 0.068  | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-995338/1-A

Matrix: Solid

Analysis Batch: 995383

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 995338

| Analyte      | MB Result | MB Qualifier | RL   | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------|-----------|--------------|------|--------|-------|---|----------------|----------------|---------|
| Phenanthrene | 0.33      | U            | 0.33 | 0.014  | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Phenol       | 0.33      | U            | 0.33 | 0.012  | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Pyrene       | 0.33      | U            | 0.33 | 0.0082 | mg/Kg |   | 09/11/24 20:46 | 09/12/24 06:23 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 90           |              | 24 - 137 | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| 2-Fluorobiphenyl            | 102          |              | 38 - 128 | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| 2-Fluorophenol (Surr)       | 101          |              | 31 - 133 | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Nitrobenzene-d5 (Surr)      | 107          |              | 31 - 120 | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Phenol-d5 (Surr)            | 105          |              | 35 - 132 | 09/11/24 20:46 | 09/12/24 06:23 | 1       |
| Terphenyl-d14 (Surr)        | 105          |              | 44 - 147 | 09/11/24 20:46 | 09/12/24 06:23 | 1       |

Lab Sample ID: LCS 460-995338/2-A

Matrix: Solid

Analysis Batch: 995383

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 995338

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|-------|---|------|-------------|
| 1,4-Dioxane            | 3.33        | 2.82       |               | mg/Kg |   | 85   | 27 - 120    |
| 2-Methylnaphthalene    | 3.33        | 3.22       |               | mg/Kg |   | 97   | 64 - 120    |
| 2-Methylphenol         | 3.33        | 3.67       |               | mg/Kg |   | 110  | 63 - 120    |
| 3 & 4 Methylphenol     | 3.33        | 3.61       |               | mg/Kg |   | 108  | 61 - 120    |
| Acenaphthene           | 3.33        | 3.65       |               | mg/Kg |   | 109  | 65 - 120    |
| Acenaphthylene         | 3.33        | 3.98       |               | mg/Kg |   | 119  | 64 - 120    |
| Anthracene             | 3.33        | 3.71       |               | mg/Kg |   | 111  | 67 - 120    |
| Benzo[a]anthracene     | 3.33        | 3.71       |               | mg/Kg |   | 111  | 66 - 120    |
| Benzo[a]pyrene         | 3.33        | 4.07       |               | mg/Kg |   | 122  | 73 - 123    |
| Benzo[b]fluoranthene   | 3.33        | 3.83       |               | mg/Kg |   | 115  | 70 - 125    |
| Benzo[g,h,i]perylene   | 3.33        | 4.11       | *             | mg/Kg |   | 123  | 66 - 120    |
| Benzo[k]fluoranthene   | 3.33        | 4.21       | *             | mg/Kg |   | 126  | 67 - 122    |
| Chrysene               | 3.33        | 3.80       |               | mg/Kg |   | 114  | 67 - 120    |
| Dibenz(a,h)anthracene  | 3.33        | 3.82       |               | mg/Kg |   | 115  | 66 - 128    |
| Dibenzofuran           | 3.33        | 3.52       |               | mg/Kg |   | 106  | 61 - 120    |
| Fluoranthene           | 3.33        | 3.74       |               | mg/Kg |   | 112  | 61 - 120    |
| Fluorene               | 3.33        | 3.67       |               | mg/Kg |   | 110  | 64 - 120    |
| Hexachlorobenzene      | 3.33        | 3.61       |               | mg/Kg |   | 108  | 66 - 120    |
| Indeno[1,2,3-cd]pyrene | 3.33        | 3.58       |               | mg/Kg |   | 107  | 71 - 137    |
| Naphthalene            | 3.33        | 3.60       |               | mg/Kg |   | 108  | 63 - 120    |
| Pentachlorophenol      | 6.67        | 7.21       |               | mg/Kg |   | 108  | 61 - 126    |
| Phenanthrene           | 3.33        | 3.74       |               | mg/Kg |   | 112  | 66 - 120    |
| Phenol                 | 3.33        | 3.65       |               | mg/Kg |   | 109  | 63 - 120    |
| Pyrene                 | 3.33        | 3.90       |               | mg/Kg |   | 117  | 61 - 121    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 102           |               | 24 - 137 |
| 2-Fluorobiphenyl            | 104           |               | 38 - 128 |
| 2-Fluorophenol (Surr)       | 105           |               | 31 - 133 |
| Nitrobenzene-d5 (Surr)      | 109           |               | 31 - 120 |
| Phenol-d5 (Surr)            | 110           |               | 35 - 132 |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-995338/2-A  
Matrix: Solid  
Analysis Batch: 995383

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 995338

| Surrogate            | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|----------------------|------------------|------------------|----------|
| Terphenyl-d14 (Surr) | 105              |                  | 44 - 147 |

Lab Sample ID: LCSD 460-995338/3-A  
Matrix: Solid  
Analysis Batch: 995383

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 995338

| Analyte                | Spike<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|------------------------|----------------|----------------|-------------------|-------|---|------|----------------|-----|--------------|
| 1,4-Dioxane            | 3.33           | 2.62           |                   | mg/Kg |   | 79   | 27 - 120       | 7   | 30           |
| 2-Methylnaphthalene    | 3.33           | 3.12           |                   | mg/Kg |   | 94   | 64 - 120       | 3   | 30           |
| 2-Methylphenol         | 3.33           | 3.53           |                   | mg/Kg |   | 106  | 63 - 120       | 4   | 30           |
| 3 & 4 Methylphenol     | 3.33           | 3.43           |                   | mg/Kg |   | 103  | 61 - 120       | 5   | 30           |
| Acenaphthene           | 3.33           | 3.50           |                   | mg/Kg |   | 105  | 65 - 120       | 4   | 30           |
| Acenaphthylene         | 3.33           | 3.85           |                   | mg/Kg |   | 115  | 64 - 120       | 3   | 30           |
| Anthracene             | 3.33           | 3.60           |                   | mg/Kg |   | 108  | 67 - 120       | 3   | 30           |
| Benzo[a]anthracene     | 3.33           | 3.61           |                   | mg/Kg |   | 108  | 66 - 120       | 3   | 30           |
| Benzo[a]pyrene         | 3.33           | 3.92           |                   | mg/Kg |   | 118  | 73 - 123       | 4   | 30           |
| Benzo[b]fluoranthene   | 3.33           | 4.03           |                   | mg/Kg |   | 121  | 70 - 125       | 5   | 30           |
| Benzo[g,h,i]perylene   | 3.33           | 3.95           |                   | mg/Kg |   | 118  | 66 - 120       | 4   | 30           |
| Benzo[k]fluoranthene   | 3.33           | 3.80           |                   | mg/Kg |   | 114  | 67 - 122       | 10  | 30           |
| Chrysene               | 3.33           | 3.52           |                   | mg/Kg |   | 106  | 67 - 120       | 8   | 30           |
| Dibenz(a,h)anthracene  | 3.33           | 3.76           |                   | mg/Kg |   | 113  | 66 - 128       | 2   | 30           |
| Dibenzofuran           | 3.33           | 3.40           |                   | mg/Kg |   | 102  | 61 - 120       | 4   | 30           |
| Fluoranthene           | 3.33           | 3.64           |                   | mg/Kg |   | 109  | 61 - 120       | 3   | 30           |
| Fluorene               | 3.33           | 3.48           |                   | mg/Kg |   | 104  | 64 - 120       | 5   | 30           |
| Hexachlorobenzene      | 3.33           | 3.47           |                   | mg/Kg |   | 104  | 66 - 120       | 4   | 30           |
| Indeno[1,2,3-cd]pyrene | 3.33           | 3.44           |                   | mg/Kg |   | 103  | 71 - 137       | 4   | 30           |
| Naphthalene            | 3.33           | 3.45           |                   | mg/Kg |   | 104  | 63 - 120       | 4   | 30           |
| Pentachlorophenol      | 6.67           | 6.93           |                   | mg/Kg |   | 104  | 61 - 126       | 4   | 30           |
| Phenanthrene           | 3.33           | 3.57           |                   | mg/Kg |   | 107  | 66 - 120       | 5   | 30           |
| Phenol                 | 3.33           | 3.50           |                   | mg/Kg |   | 105  | 63 - 120       | 4   | 30           |
| Pyrene                 | 3.33           | 3.67           |                   | mg/Kg |   | 110  | 61 - 121       | 6   | 30           |

| Surrogate                   | LCSD<br>%Recovery | LCSD<br>Qualifier | Limits   |
|-----------------------------|-------------------|-------------------|----------|
| 2,4,6-Tribromophenol (Surr) | 98                |                   | 24 - 137 |
| 2-Fluorobiphenyl            | 101               |                   | 38 - 128 |
| 2-Fluorophenol (Surr)       | 101               |                   | 31 - 133 |
| Nitrobenzene-d5 (Surr)      | 105               |                   | 31 - 120 |
| Phenol-d5 (Surr)            | 107               |                   | 35 - 132 |
| Terphenyl-d14 (Surr)        | 102               |                   | 44 - 147 |

Lab Sample ID: MB 460-995477/1-A  
Matrix: Water  
Analysis Batch: 995535

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 995477

| Analyte            | MB<br>Result | MB<br>Qualifier | RL | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|--------------------|--------------|-----------------|----|------|------|---|----------------|----------------|---------|
| 2-Methylphenol     | 10           | U               | 10 | 0.67 | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| 3 & 4 Methylphenol | 10           | U               | 10 | 0.64 | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Acenaphthene       | 10           | U               | 10 | 1.1  | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-995477/1-A

Matrix: Water

Analysis Batch: 995535

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 995477

| Analyte                | MB Result | MB Qualifier | RL  | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|-----|------|------|---|----------------|----------------|---------|
| Acenaphthylene         | 10        | U            | 10  | 0.82 | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Anthracene             | 10        | U            | 10  | 1.3  | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Benzo[a]anthracene     | 1.0       | U            | 1.0 | 0.59 | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Benzo[a]pyrene         | 1.0       | U            | 1.0 | 0.41 | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Benzo[b]fluoranthene   | 2.0       | U            | 2.0 | 0.68 | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Benzo[g,h,i]perylene   | 10        | U            | 10  | 0.70 | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Benzo[k]fluoranthene   | 1.0       | U            | 1.0 | 0.67 | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Chrysene               | 2.0       | U            | 2.0 | 0.91 | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Dibenz(a,h)anthracene  | 1.0       | U            | 1.0 | 0.72 | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Dibenzofuran           | 10        | U            | 10  | 1.1  | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Fluoranthene           | 10        | U            | 10  | 0.84 | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Fluorene               | 10        | U            | 10  | 0.91 | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Hexachlorobenzene      | 1.0       | U            | 1.0 | 0.40 | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Indeno[1,2,3-cd]pyrene | 2.0       | U            | 2.0 | 0.94 | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Naphthalene            | 2.0       | U            | 2.0 | 0.54 | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Pentachlorophenol      | 20        | U            | 20  | 1.4  | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Phenanthrene           | 10        | U            | 10  | 1.3  | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Phenol                 | 10        | U            | 10  | 0.29 | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Pyrene                 | 10        | U            | 10  | 1.6  | ug/L |   | 09/12/24 12:22 | 09/12/24 20:24 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2,4,6-Tribromophenol (Surr) | 117          |              | 37 - 150 | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| 2-Fluorobiphenyl            | 115          |              | 46 - 139 | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| 2-Fluorophenol (Surr)       | 67           |              | 16 - 80  | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Nitrobenzene-d5 (Surr)      | 112          |              | 51 - 145 | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Phenol-d5 (Surr)            | 47           |              | 10 - 56  | 09/12/24 12:22 | 09/12/24 20:24 | 1       |
| Terphenyl-d14 (Surr)        | 111          |              | 13 - 159 | 09/12/24 12:22 | 09/12/24 20:24 | 1       |

Lab Sample ID: LCS 460-995477/2-A

Matrix: Water

Analysis Batch: 995535

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 995477

| Analyte               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------|-------------|------------|---------------|------|---|------|-------------|
| 2-Methylphenol        | 80.0        | 66.8       |               | ug/L |   | 83   | 35 - 120    |
| 3 & 4 Methylphenol    | 80.0        | 56.8       |               | ug/L |   | 71   | 27 - 120    |
| Acenaphthene          | 80.0        | 81.1       |               | ug/L |   | 101  | 62 - 127    |
| Acenaphthylene        | 80.0        | 89.3       |               | ug/L |   | 112  | 58 - 122    |
| Anthracene            | 80.0        | 84.9       |               | ug/L |   | 106  | 67 - 127    |
| Benzo[a]anthracene    | 80.0        | 81.8       |               | ug/L |   | 102  | 71 - 131    |
| Benzo[a]pyrene        | 80.0        | 94.3       |               | ug/L |   | 118  | 75 - 148    |
| Benzo[b]fluoranthene  | 80.0        | 89.3       |               | ug/L |   | 112  | 70 - 140    |
| Benzo[g,h,i]perylene  | 80.0        | 92.1       |               | ug/L |   | 115  | 52 - 143    |
| Benzo[k]fluoranthene  | 80.0        | 87.9       |               | ug/L |   | 110  | 71 - 140    |
| Chrysene              | 80.0        | 81.3       |               | ug/L |   | 102  | 70 - 132    |
| Dibenz(a,h)anthracene | 80.0        | 80.1       |               | ug/L |   | 100  | 53 - 150    |
| Dibenzofuran          | 80.0        | 81.4       |               | ug/L |   | 102  | 64 - 125    |
| Fluoranthene          | 80.0        | 93.9       |               | ug/L |   | 117  | 69 - 137    |
| Fluorene              | 80.0        | 83.7       |               | ug/L |   | 105  | 67 - 125    |

Eurofins Edison

# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-995477/2-A

Matrix: Water

Analysis Batch: 995535

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 995477

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Hexachlorobenzene      | 80.0        | 89.7       |               | ug/L |   | 112  | 62 - 135    |
| Indeno[1,2,3-cd]pyrene | 80.0        | 86.3       |               | ug/L |   | 108  | 59 - 150    |
| Naphthalene            | 80.0        | 84.6       |               | ug/L |   | 106  | 39 - 126    |
| Pentachlorophenol      | 160         | 181        |               | ug/L |   | 113  | 60 - 140    |
| Phenanthrene           | 80.0        | 84.7       |               | ug/L |   | 106  | 68 - 126    |
| Phenol                 | 80.0        | 43.9       |               | ug/L |   | 55   | 10 - 80     |
| Pyrene                 | 80.0        | 76.5       |               | ug/L |   | 96   | 60 - 137    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 126           |               | 37 - 150 |
| 2-Fluorobiphenyl            | 105           |               | 46 - 139 |
| 2-Fluorophenol (Surr)       | 74            |               | 16 - 80  |
| Nitrobenzene-d5 (Surr)      | 110           |               | 51 - 145 |
| Phenol-d5 (Surr)            | 55            |               | 10 - 56  |
| Terphenyl-d14 (Surr)        | 101           |               | 13 - 159 |

Lab Sample ID: LCSD 460-995477/3-A

Matrix: Water

Analysis Batch: 995535

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 995477

| Analyte                | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| 2-Methylphenol         | 80.0        | 66.3        |                | ug/L |   | 83   | 35 - 120    | 1   | 30        |
| 3 & 4 Methylphenol     | 80.0        | 56.9        |                | ug/L |   | 71   | 27 - 120    | 0   | 30        |
| Acenaphthene           | 80.0        | 81.5        |                | ug/L |   | 102  | 62 - 127    | 1   | 30        |
| Acenaphthylene         | 80.0        | 91.1        |                | ug/L |   | 114  | 58 - 122    | 2   | 30        |
| Anthracene             | 80.0        | 82.8        |                | ug/L |   | 103  | 67 - 127    | 3   | 30        |
| Benzo[a]anthracene     | 80.0        | 82.5        |                | ug/L |   | 103  | 71 - 131    | 1   | 30        |
| Benzo[a]pyrene         | 80.0        | 91.6        |                | ug/L |   | 114  | 75 - 148    | 3   | 30        |
| Benzo[b]fluoranthene   | 80.0        | 85.6        |                | ug/L |   | 107  | 70 - 140    | 4   | 30        |
| Benzo[g,h,i]perylene   | 80.0        | 90.8        |                | ug/L |   | 114  | 52 - 143    | 1   | 30        |
| Benzo[k]fluoranthene   | 80.0        | 89.6        |                | ug/L |   | 112  | 71 - 140    | 2   | 30        |
| Chrysene               | 80.0        | 80.1        |                | ug/L |   | 100  | 70 - 132    | 1   | 30        |
| Dibenz(a,h)anthracene  | 80.0        | 78.8        |                | ug/L |   | 98   | 53 - 150    | 2   | 30        |
| Dibenzofuran           | 80.0        | 83.6        |                | ug/L |   | 104  | 64 - 125    | 3   | 30        |
| Fluoranthene           | 80.0        | 91.9        |                | ug/L |   | 115  | 69 - 137    | 2   | 30        |
| Fluorene               | 80.0        | 84.5        |                | ug/L |   | 106  | 67 - 125    | 1   | 30        |
| Hexachlorobenzene      | 80.0        | 87.0        |                | ug/L |   | 109  | 62 - 135    | 3   | 30        |
| Indeno[1,2,3-cd]pyrene | 80.0        | 85.9        |                | ug/L |   | 107  | 59 - 150    | 0   | 30        |
| Naphthalene            | 80.0        | 85.7        |                | ug/L |   | 107  | 39 - 126    | 1   | 30        |
| Pentachlorophenol      | 160         | 182         |                | ug/L |   | 114  | 60 - 140    | 0   | 30        |
| Phenanthrene           | 80.0        | 82.0        |                | ug/L |   | 102  | 68 - 126    | 3   | 30        |
| Phenol                 | 80.0        | 43.9        |                | ug/L |   | 55   | 10 - 80     | 0   | 30        |
| Pyrene                 | 80.0        | 76.3        |                | ug/L |   | 95   | 60 - 137    | 0   | 30        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 2,4,6-Tribromophenol (Surr) | 127            |                | 37 - 150 |
| 2-Fluorobiphenyl            | 104            |                | 46 - 139 |
| 2-Fluorophenol (Surr)       | 74             |                | 16 - 80  |

Eurofins Edison

# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-995477/3-A

Matrix: Water

Analysis Batch: 995535

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 995477

|                        | LCSD      | LCSD      |          |
|------------------------|-----------|-----------|----------|
| Surrogate              | %Recovery | Qualifier | Limits   |
| Nitrobenzene-d5 (Surr) | 113       |           | 51 - 145 |
| Phenol-d5 (Surr)       | 55        |           | 10 - 56  |
| Terphenyl-d14 (Surr)   | 101       |           | 13 - 159 |

Lab Sample ID: 460-311121-H-6-B MS

Matrix: Water

Analysis Batch: 995535

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 995477

| Analyte                | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| 2-Methylphenol         | 10            | U                | 40.0        | 40.5      |              | ug/L |   | 101  | 35 - 120    |
| 3 & 4 Methylphenol     | 10            | U                | 40.0        | 35.0      |              | ug/L |   | 87   | 27 - 120    |
| Acenaphthene           | 10            | U                | 40.0        | 51.2      | *            | ug/L |   | 128  | 62 - 127    |
| Acenaphthylene         | 10            | U                | 40.0        | 55.4      | *            | ug/L |   | 138  | 58 - 122    |
| Anthracene             | 10            | U                | 40.0        | 51.9      | *            | ug/L |   | 130  | 67 - 127    |
| Benzo[a]anthracene     | 1.0           | U                | 40.0        | 52.4      |              | ug/L |   | 131  | 71 - 131    |
| Benzo[a]pyrene         | 1.0           | U                | 40.0        | 56.3      |              | ug/L |   | 141  | 75 - 148    |
| Benzo[b]fluoranthene   | 2.0           | U                | 40.0        | 53.1      |              | ug/L |   | 133  | 70 - 140    |
| Benzo[g,h,i]perylene   | 10            | U                | 40.0        | 58.9      | *            | ug/L |   | 147  | 52 - 143    |
| Benzo[k]fluoranthene   | 1.0           | U                | 40.0        | 54.2      |              | ug/L |   | 136  | 71 - 140    |
| Chrysene               | 2.0           | U                | 40.0        | 50.3      |              | ug/L |   | 126  | 70 - 132    |
| Dibenz(a,h)anthracene  | 1.0           | U                | 40.0        | 51.1      |              | ug/L |   | 128  | 53 - 150    |
| Dibenzofuran           | 10            | U                | 40.0        | 50.5      | *            | ug/L |   | 126  | 64 - 125    |
| Fluoranthene           | 10            | U                | 40.0        | 57.4      | *            | ug/L |   | 143  | 69 - 137    |
| Fluorene               | 10            | U                | 40.0        | 51.8      | *            | ug/L |   | 129  | 67 - 125    |
| Hexachlorobenzene      | 1.0           | U                | 40.0        | 53.9      |              | ug/L |   | 135  | 62 - 135    |
| Indeno[1,2,3-cd]pyrene | 2.0           | U                | 40.0        | 54.9      |              | ug/L |   | 137  | 59 - 150    |
| Naphthalene            | 2.0           | U                | 40.0        | 51.7      | *            | ug/L |   | 129  | 39 - 126    |
| Pentachlorophenol      | 20            | U                | 80.0        | 107       |              | ug/L |   | 134  | 60 - 140    |
| Phenanthrene           | 10            | U                | 40.0        | 50.3      |              | ug/L |   | 126  | 68 - 126    |
| Phenol                 | 10            | U                | 40.0        | 23.6      |              | ug/L |   | 59   | 10 - 80     |
| Pyrene                 | 10            | U                | 40.0        | 47.5      |              | ug/L |   | 119  | 60 - 137    |

|                             | MS        | MS        |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2,4,6-Tribromophenol (Surr) | 115       |           | 37 - 150 |
| 2-Fluorobiphenyl            | 95        |           | 46 - 139 |
| 2-Fluorophenol (Surr)       | 57        |           | 16 - 80  |
| Nitrobenzene-d5 (Surr)      | 99        |           | 51 - 145 |
| Phenol-d5 (Surr)            | 42        |           | 10 - 56  |
| Terphenyl-d14 (Surr)        | 58        |           | 13 - 159 |

Lab Sample ID: 460-311121-H-6-C MSD

Matrix: Water

Analysis Batch: 995535

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 995477

| Analyte            | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 2-Methylphenol     | 10            | U                | 40.0        | 34.4       |               | ug/L |   | 86   | 35 - 120    | 16  | 30        |
| 3 & 4 Methylphenol | 10            | U                | 40.0        | 30.6       |               | ug/L |   | 76   | 27 - 120    | 13  | 30        |
| Acenaphthene       | 10            | U                | 40.0        | 40.5       |               | ug/L |   | 101  | 62 - 127    | 23  | 30        |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-311121-H-6-C MSD

Matrix: Water

Analysis Batch: 995535

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 995477

| Analyte                | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Acenaphthylene         | 10            | U                | 40.0        | 44.2       |               | ug/L |   | 110  | 58 - 122    | 23  | 30        |
| Anthracene             | 10            | U                | 40.0        | 40.3       |               | ug/L |   | 101  | 67 - 127    | 25  | 30        |
| Benzo[a]anthracene     | 1.0           | U                | 40.0        | 41.0       |               | ug/L |   | 102  | 71 - 131    | 24  | 30        |
| Benzo[a]pyrene         | 1.0           | U                | 40.0        | 44.4       |               | ug/L |   | 111  | 75 - 148    | 24  | 30        |
| Benzo[b]fluoranthene   | 2.0           | U                | 40.0        | 42.2       |               | ug/L |   | 105  | 70 - 140    | 23  | 30        |
| Benzo[g,h,i]perylene   | 10            | U                | 40.0        | 46.4       |               | ug/L |   | 116  | 52 - 143    | 24  | 30        |
| Benzo[k]fluoranthene   | 1.0           | U                | 40.0        | 41.1       |               | ug/L |   | 103  | 71 - 140    | 28  | 30        |
| Chrysene               | 2.0           | U                | 40.0        | 39.0       |               | ug/L |   | 97   | 70 - 132    | 25  | 30        |
| Dibenz(a,h)anthracene  | 1.0           | U                | 40.0        | 40.5       |               | ug/L |   | 101  | 53 - 150    | 23  | 30        |
| Dibenzofuran           | 10            | U                | 40.0        | 40.8       |               | ug/L |   | 102  | 64 - 125    | 21  | 30        |
| Fluoranthene           | 10            | U                | 40.0        | 45.4       |               | ug/L |   | 113  | 69 - 137    | 23  | 30        |
| Fluorene               | 10            | U                | 40.0        | 41.5       |               | ug/L |   | 104  | 67 - 125    | 22  | 30        |
| Hexachlorobenzene      | 1.0           | U                | 40.0        | 41.5       |               | ug/L |   | 104  | 62 - 135    | 26  | 30        |
| Indeno[1,2,3-cd]pyrene | 2.0           | U                | 40.0        | 43.2       |               | ug/L |   | 108  | 59 - 150    | 24  | 30        |
| Naphthalene            | 2.0           | U                | 40.0        | 40.7       |               | ug/L |   | 102  | 39 - 126    | 24  | 30        |
| Pentachlorophenol      | 20            | U                | 80.0        | 85.4       |               | ug/L |   | 107  | 60 - 140    | 23  | 30        |
| Phenanthrene           | 10            | U                | 40.0        | 39.5       |               | ug/L |   | 99   | 68 - 126    | 24  | 30        |
| Phenol                 | 10            | U                | 40.0        | 22.7       |               | ug/L |   | 57   | 10 - 80     | 4   | 30        |
| Pyrene                 | 10            | U                | 40.0        | 37.7       |               | ug/L |   | 94   | 60 - 137    | 23  | 30        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 2,4,6-Tribromophenol (Surr) | 99            |               | 37 - 150 |
| 2-Fluorobiphenyl            | 79            |               | 46 - 139 |
| 2-Fluorophenol (Surr)       | 58            |               | 16 - 80  |
| Nitrobenzene-d5 (Surr)      | 82            |               | 51 - 145 |
| Phenol-d5 (Surr)            | 44            |               | 10 - 56  |
| Terphenyl-d14 (Surr)        | 41            |               | 13 - 159 |

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

Lab Sample ID: MB 460-995291/1-A

Matrix: Solid

Analysis Batch: 995371

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 995291

| Analyte               | MB Result | MB Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-----------|--------------|--------|---------|-------|---|----------------|----------------|---------|
| 4,4'-DDD              | 0.0067    | U            | 0.0067 | 0.0011  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| 4,4'-DDD              | 0.0067    | U            | 0.0067 | 0.0011  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| 4,4'-DDE              | 0.0067    | U            | 0.0067 | 0.00079 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| 4,4'-DDE              | 0.0067    | U            | 0.0067 | 0.00079 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| 4,4'-DDT              | 0.0067    | U            | 0.0067 | 0.0012  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| 4,4'-DDT              | 0.0067    | U            | 0.0067 | 0.0012  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Aldrin                | 0.0067    | U            | 0.0067 | 0.0010  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Aldrin                | 0.0067    | U            | 0.0067 | 0.0010  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| alpha-BHC             | 0.0020    | U            | 0.0020 | 0.00068 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| alpha-BHC             | 0.0020    | U            | 0.0020 | 0.00068 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| beta-BHC              | 0.0020    | U            | 0.0020 | 0.00075 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| beta-BHC              | 0.0020    | U            | 0.0020 | 0.00075 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Chlordane (technical) | 0.067     | U            | 0.067  | 0.016   | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Chlordane (technical) | 0.067     | U            | 0.067  | 0.016   | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

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

Lab Sample ID: MB 460-995291/1-A

Matrix: Solid

Analysis Batch: 995371

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 995291

| Analyte             | MB Result | MB Qualifier | RL     | MDL     | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------------------|-----------|--------------|--------|---------|-------|---|----------------|----------------|---------|
| cis-Chlordane       | 0.0067    | U            | 0.0067 | 0.0011  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| cis-Chlordane       | 0.0067    | U            | 0.0067 | 0.0011  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| delta-BHC           | 0.0020    | U            | 0.0020 | 0.00041 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| delta-BHC           | 0.0020    | U            | 0.0020 | 0.00041 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Dieldrin            | 0.0020    | U            | 0.0020 | 0.00087 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Dieldrin            | 0.0020    | U            | 0.0020 | 0.00087 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Endosulfan I        | 0.0067    | U            | 0.0067 | 0.0010  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Endosulfan I        | 0.0067    | U            | 0.0067 | 0.0010  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Endosulfan II       | 0.0067    | U            | 0.0067 | 0.0017  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Endosulfan II       | 0.0067    | U            | 0.0067 | 0.0017  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Endosulfan sulfate  | 0.0067    | U            | 0.0067 | 0.00084 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Endosulfan sulfate  | 0.0067    | U            | 0.0067 | 0.00084 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Endrin              | 0.0067    | U            | 0.0067 | 0.00096 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Endrin              | 0.0067    | U            | 0.0067 | 0.00096 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Endrin aldehyde     | 0.0067    | U            | 0.0067 | 0.0016  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Endrin aldehyde     | 0.0067    | U            | 0.0067 | 0.0016  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Endrin ketone       | 0.0067    | U            | 0.0067 | 0.0013  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Endrin ketone       | 0.0067    | U            | 0.0067 | 0.0013  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| gamma-BHC (Lindane) | 0.0020    | U            | 0.0020 | 0.00062 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| gamma-BHC (Lindane) | 0.0020    | U            | 0.0020 | 0.00062 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Heptachlor          | 0.0067    | U            | 0.0067 | 0.00079 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Heptachlor          | 0.0067    | U            | 0.0067 | 0.00079 | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Heptachlor epoxide  | 0.0067    | U            | 0.0067 | 0.0010  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Heptachlor epoxide  | 0.0067    | U            | 0.0067 | 0.0010  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Methoxychlor        | 0.0067    | U            | 0.0067 | 0.0015  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Methoxychlor        | 0.0067    | U            | 0.0067 | 0.0015  | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Toxaphene           | 0.067     | U            | 0.067  | 0.024   | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Toxaphene           | 0.067     | U            | 0.067  | 0.024   | mg/Kg |   | 09/11/24 16:56 | 09/12/24 04:33 | 1       |

| Surrogate              | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------------|--------------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 111          |              | 17 - 150 | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| DCB Decachlorobiphenyl | 117          |              | 17 - 150 | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Tetrachloro-m-xylene   | 104          |              | 21 - 150 | 09/11/24 16:56 | 09/12/24 04:33 | 1       |
| Tetrachloro-m-xylene   | 102          |              | 21 - 150 | 09/11/24 16:56 | 09/12/24 04:33 | 1       |

Lab Sample ID: LCS 460-995291/2-A

Matrix: Solid

Analysis Batch: 995371

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 995291

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| 4,4'-DDD | 0.133       | 0.123      |               | mg/Kg |   | 92   | 70 - 138    |
| 4,4'-DDD | 0.133       | 0.138      |               | mg/Kg |   | 103  | 70 - 138    |
| 4,4'-DDE | 0.133       | 0.136      |               | mg/Kg |   | 102  | 68 - 136    |
| 4,4'-DDE | 0.133       | 0.146      |               | mg/Kg |   | 110  | 68 - 136    |
| 4,4'-DDT | 0.133       | 0.131      |               | mg/Kg |   | 99   | 66 - 149    |
| 4,4'-DDT | 0.133       | 0.147      |               | mg/Kg |   | 110  | 66 - 149    |
| Aldrin   | 0.133       | 0.132      |               | mg/Kg |   | 99   | 69 - 136    |
| Aldrin   | 0.133       | 0.146      |               | mg/Kg |   | 109  | 69 - 136    |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

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

Lab Sample ID: LCS 460-995291/2-A

Matrix: Solid

Analysis Batch: 995371

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 995291

| Analyte             | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|-------|---|------|-------------|
| alpha-BHC           | 0.133       | 0.134      |               | mg/Kg |   | 101  | 72 - 134    |
| alpha-BHC           | 0.133       | 0.137      |               | mg/Kg |   | 103  | 72 - 134    |
| beta-BHC            | 0.133       | 0.122      |               | mg/Kg |   | 92   | 71 - 130    |
| beta-BHC            | 0.133       | 0.137      |               | mg/Kg |   | 103  | 71 - 130    |
| cis-Chlordane       | 0.133       | 0.133      |               | mg/Kg |   | 100  | 69 - 135    |
| cis-Chlordane       | 0.133       | 0.151      |               | mg/Kg |   | 113  | 69 - 135    |
| delta-BHC           | 0.133       | 0.126      |               | mg/Kg |   | 94   | 69 - 140    |
| delta-BHC           | 0.133       | 0.132      |               | mg/Kg |   | 99   | 69 - 140    |
| Dieldrin            | 0.133       | 0.130      |               | mg/Kg |   | 97   | 69 - 134    |
| Dieldrin            | 0.133       | 0.144      |               | mg/Kg |   | 108  | 69 - 134    |
| Endosulfan I        | 0.133       | 0.129      |               | mg/Kg |   | 96   | 69 - 133    |
| Endosulfan I        | 0.133       | 0.151      |               | mg/Kg |   | 113  | 69 - 133    |
| Endosulfan II       | 0.133       | 0.131      |               | mg/Kg |   | 98   | 71 - 137    |
| Endosulfan II       | 0.133       | 0.152      |               | mg/Kg |   | 114  | 71 - 137    |
| Endosulfan sulfate  | 0.133       | 0.108      |               | mg/Kg |   | 81   | 61 - 140    |
| Endosulfan sulfate  | 0.133       | 0.113      |               | mg/Kg |   | 85   | 61 - 140    |
| Endrin              | 0.133       | 0.121      |               | mg/Kg |   | 91   | 67 - 141    |
| Endrin              | 0.133       | 0.136      |               | mg/Kg |   | 102  | 67 - 141    |
| Endrin aldehyde     | 0.133       | 0.130      |               | mg/Kg |   | 97   | 71 - 136    |
| Endrin aldehyde     | 0.133       | 0.141      |               | mg/Kg |   | 106  | 71 - 136    |
| Endrin ketone       | 0.133       | 0.122      |               | mg/Kg |   | 92   | 60 - 146    |
| Endrin ketone       | 0.133       | 0.132      |               | mg/Kg |   | 99   | 60 - 146    |
| gamma-BHC (Lindane) | 0.133       | 0.133      |               | mg/Kg |   | 100  | 72 - 139    |
| gamma-BHC (Lindane) | 0.133       | 0.142      |               | mg/Kg |   | 107  | 72 - 139    |
| Heptachlor          | 0.133       | 0.131      |               | mg/Kg |   | 98   | 74 - 138    |
| Heptachlor          | 0.133       | 0.145      |               | mg/Kg |   | 109  | 74 - 138    |
| Heptachlor epoxide  | 0.133       | 0.134      |               | mg/Kg |   | 100  | 72 - 134    |
| Heptachlor epoxide  | 0.133       | 0.147      |               | mg/Kg |   | 110  | 72 - 134    |
| Methoxychlor        | 0.133       | 0.125      |               | mg/Kg |   | 94   | 60 - 150    |
| Methoxychlor        | 0.133       | 0.127      |               | mg/Kg |   | 95   | 60 - 150    |

| Surrogate              | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------|---------------|---------------|----------|
| DCB Decachlorobiphenyl | 85            |               | 17 - 150 |
| DCB Decachlorobiphenyl | 90            |               | 17 - 150 |
| Tetrachloro-m-xylene   | 78            |               | 21 - 150 |
| Tetrachloro-m-xylene   | 85            |               | 21 - 150 |

Lab Sample ID: LCSD 460-995291/3-A

Matrix: Solid

Analysis Batch: 995371

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 995291

| Analyte  | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| 4,4'-DDD | 0.133       | 0.139       |                | mg/Kg |   | 104  | 70 - 138    | 12  | 30        |
| 4,4'-DDD | 0.133       | 0.157       |                | mg/Kg |   | 118  | 70 - 138    | 13  | 30        |
| 4,4'-DDE | 0.133       | 0.151       |                | mg/Kg |   | 113  | 68 - 136    | 10  | 30        |
| 4,4'-DDE | 0.133       | 0.169       |                | mg/Kg |   | 127  | 68 - 136    | 15  | 30        |
| 4,4'-DDT | 0.133       | 0.147       |                | mg/Kg |   | 110  | 66 - 149    | 11  | 30        |
| 4,4'-DDT | 0.133       | 0.166       |                | mg/Kg |   | 124  | 66 - 149    | 12  | 30        |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

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

Lab Sample ID: LCSD 460-995291/3-A

Matrix: Solid

Analysis Batch: 995371

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 995291

| Analyte             | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Aldrin              | 0.133       | 0.147       |                | mg/Kg |   | 111  | 69 - 136    | 11  | 30        |
| Aldrin              | 0.133       | 0.168       |                | mg/Kg |   | 126  | 69 - 136    | 14  | 30        |
| alpha-BHC           | 0.133       | 0.151       |                | mg/Kg |   | 113  | 72 - 134    | 12  | 30        |
| alpha-BHC           | 0.133       | 0.159       |                | mg/Kg |   | 119  | 72 - 134    | 15  | 30        |
| beta-BHC            | 0.133       | 0.145       |                | mg/Kg |   | 109  | 71 - 130    | 17  | 30        |
| beta-BHC            | 0.133       | 0.157       |                | mg/Kg |   | 118  | 71 - 130    | 14  | 30        |
| cis-Chlordane       | 0.133       | 0.151       |                | mg/Kg |   | 113  | 69 - 135    | 13  | 30        |
| cis-Chlordane       | 0.133       | 0.175       |                | mg/Kg |   | 131  | 69 - 135    | 15  | 30        |
| delta-BHC           | 0.133       | 0.142       |                | mg/Kg |   | 106  | 69 - 140    | 12  | 30        |
| delta-BHC           | 0.133       | 0.153       |                | mg/Kg |   | 114  | 69 - 140    | 14  | 30        |
| Dieldrin            | 0.133       | 0.145       |                | mg/Kg |   | 109  | 69 - 134    | 11  | 30        |
| Dieldrin            | 0.133       | 0.166       |                | mg/Kg |   | 125  | 69 - 134    | 14  | 30        |
| Endosulfan I        | 0.133       | 0.147       |                | mg/Kg |   | 110  | 69 - 133    | 13  | 30        |
| Endosulfan I        | 0.133       | 0.174       |                | mg/Kg |   | 130  | 69 - 133    | 14  | 30        |
| Endosulfan II       | 0.133       | 0.149       |                | mg/Kg |   | 112  | 71 - 137    | 13  | 30        |
| Endosulfan II       | 0.133       | 0.172       |                | mg/Kg |   | 129  | 71 - 137    | 13  | 30        |
| Endosulfan sulfate  | 0.133       | 0.121       |                | mg/Kg |   | 91   | 61 - 140    | 11  | 30        |
| Endosulfan sulfate  | 0.133       | 0.128       |                | mg/Kg |   | 96   | 61 - 140    | 12  | 30        |
| Endrin              | 0.133       | 0.136       |                | mg/Kg |   | 102  | 67 - 141    | 11  | 30        |
| Endrin              | 0.133       | 0.155       |                | mg/Kg |   | 116  | 67 - 141    | 13  | 30        |
| Endrin aldehyde     | 0.133       | 0.146       |                | mg/Kg |   | 109  | 71 - 136    | 11  | 30        |
| Endrin aldehyde     | 0.133       | 0.161       |                | mg/Kg |   | 120  | 71 - 136    | 13  | 30        |
| Endrin ketone       | 0.133       | 0.141       |                | mg/Kg |   | 106  | 60 - 146    | 14  | 30        |
| Endrin ketone       | 0.133       | 0.150       |                | mg/Kg |   | 112  | 60 - 146    | 13  | 30        |
| gamma-BHC (Lindane) | 0.133       | 0.154       |                | mg/Kg |   | 116  | 72 - 139    | 14  | 30        |
| gamma-BHC (Lindane) | 0.133       | 0.163       |                | mg/Kg |   | 122  | 72 - 139    | 14  | 30        |
| Heptachlor          | 0.133       | 0.148       |                | mg/Kg |   | 111  | 74 - 138    | 12  | 30        |
| Heptachlor          | 0.133       | 0.167       |                | mg/Kg |   | 125  | 74 - 138    | 14  | 30        |
| Heptachlor epoxide  | 0.133       | 0.149       |                | mg/Kg |   | 111  | 72 - 134    | 10  | 30        |
| Heptachlor epoxide  | 0.133       | 0.168       |                | mg/Kg |   | 126  | 72 - 134    | 14  | 30        |
| Methoxychlor        | 0.133       | 0.141       |                | mg/Kg |   | 106  | 60 - 150    | 12  | 30        |
| Methoxychlor        | 0.133       | 0.142       |                | mg/Kg |   | 106  | 60 - 150    | 11  | 30        |

| Surrogate              | LCSD %Recovery | LCSD Qualifier | LCSD Limits |
|------------------------|----------------|----------------|-------------|
| DCB Decachlorobiphenyl | 91             |                | 17 - 150    |
| DCB Decachlorobiphenyl | 99             |                | 17 - 150    |
| Tetrachloro-m-xylene   | 86             |                | 21 - 150    |
| Tetrachloro-m-xylene   | 95             |                | 21 - 150    |

Lab Sample ID: 460-311069-B-1-E MS

Matrix: Solid

Analysis Batch: 995371

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 995291

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| 4,4'-DDD | 0.0072        | U                | 0.144       | 0.171     |              | mg/Kg | ✱ | 119  | 70 - 138    |
| 4,4'-DDD | 0.0072        | U                | 0.144       | 0.189     |              | mg/Kg | ✱ | 132  | 70 - 138    |
| 4,4'-DDE | 0.0072        | U                | 0.144       | 0.177     |              | mg/Kg | ✱ | 123  | 68 - 136    |
| 4,4'-DDE | 0.0072        | U                | 0.144       | 0.182     |              | mg/Kg | ✱ | 127  | 68 - 136    |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

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

Lab Sample ID: 460-311069-B-1-E MS

Matrix: Solid

Analysis Batch: 995371

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 995291

| Analyte             | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| 4,4'-DDT            | 0.0072        | U                | 0.144       | 0.181     |              | mg/Kg | ✱ | 126  | 66 - 149    |
| 4,4'-DDT            | 0.0072        | U                | 0.144       | 0.202     |              | mg/Kg | ✱ | 140  | 66 - 149    |
| Aldrin              | 0.0072        | U                | 0.144       | 0.162     |              | mg/Kg | ✱ | 113  | 69 - 136    |
| Aldrin              | 0.0072        | U                | 0.144       | 0.169     |              | mg/Kg | ✱ | 118  | 69 - 136    |
| alpha-BHC           | 0.0022        | U                | 0.144       | 0.168     |              | mg/Kg | ✱ | 117  | 72 - 134    |
| alpha-BHC           | 0.0022        | U                | 0.144       | 0.165     |              | mg/Kg | ✱ | 115  | 72 - 134    |
| beta-BHC            | 0.0022        | U                | 0.144       | 0.157     |              | mg/Kg | ✱ | 109  | 71 - 130    |
| beta-BHC            | 0.0022        | U                | 0.144       | 0.159     |              | mg/Kg | ✱ | 111  | 71 - 130    |
| cis-Chlordane       | 0.0072        | U                | 0.144       | 0.177     |              | mg/Kg | ✱ | 123  | 69 - 135    |
| cis-Chlordane       | 0.0072        | U                | 0.144       | 0.181     |              | mg/Kg | ✱ | 126  | 69 - 135    |
| delta-BHC           | 0.0022        | U                | 0.144       | 0.165     |              | mg/Kg | ✱ | 115  | 69 - 140    |
| delta-BHC           | 0.0022        | U                | 0.144       | 0.164     |              | mg/Kg | ✱ | 114  | 69 - 140    |
| Dieldrin            | 0.0022        | U                | 0.144       | 0.172     |              | mg/Kg | ✱ | 120  | 69 - 134    |
| Dieldrin            | 0.0022        | U                | 0.144       | 0.186     |              | mg/Kg | ✱ | 129  | 69 - 134    |
| Endosulfan I        | 0.0072        | U                | 0.144       | 0.175     |              | mg/Kg | ✱ | 122  | 69 - 133    |
| Endosulfan I        | 0.0072        | U                | 0.144       | 0.189     |              | mg/Kg | ✱ | 132  | 69 - 133    |
| Endosulfan II       | 0.0072        | U                | 0.144       | 0.181     |              | mg/Kg | ✱ | 126  | 71 - 137    |
| Endosulfan II       | 0.0072        | U                | 0.144       | 0.204     | *            | mg/Kg | ✱ | 142  | 71 - 137    |
| Endosulfan sulfate  | 0.0072        | U                | 0.144       | 0.158     |              | mg/Kg | ✱ | 110  | 61 - 140    |
| Endosulfan sulfate  | 0.0072        | U                | 0.144       | 0.173     |              | mg/Kg | ✱ | 120  | 61 - 140    |
| Endrin              | 0.0072        | U                | 0.144       | 0.164     |              | mg/Kg | ✱ | 114  | 67 - 141    |
| Endrin              | 0.0072        | U                | 0.144       | 0.179     |              | mg/Kg | ✱ | 124  | 67 - 141    |
| Endrin aldehyde     | 0.0072        | U                | 0.144       | 0.188     |              | mg/Kg | ✱ | 131  | 71 - 136    |
| Endrin aldehyde     | 0.0072        | U                | 0.144       | 0.211     | *            | mg/Kg | ✱ | 147  | 71 - 136    |
| Endrin ketone       | 0.0072        | U                | 0.144       | 0.186     |              | mg/Kg | ✱ | 130  | 60 - 146    |
| Endrin ketone       | 0.0072        | U                | 0.144       | 0.208     |              | mg/Kg | ✱ | 145  | 60 - 146    |
| gamma-BHC (Lindane) | 0.0022        | U                | 0.144       | 0.169     |              | mg/Kg | ✱ | 118  | 72 - 139    |
| gamma-BHC (Lindane) | 0.0022        | U                | 0.144       | 0.164     |              | mg/Kg | ✱ | 114  | 72 - 139    |
| Heptachlor          | 0.0072        | U                | 0.144       | 0.161     |              | mg/Kg | ✱ | 112  | 74 - 138    |
| Heptachlor          | 0.0072        | U                | 0.144       | 0.169     |              | mg/Kg | ✱ | 118  | 74 - 138    |
| Heptachlor epoxide  | 0.0072        | U                | 0.144       | 0.170     |              | mg/Kg | ✱ | 118  | 72 - 134    |
| Heptachlor epoxide  | 0.0072        | U                | 0.144       | 0.181     |              | mg/Kg | ✱ | 126  | 72 - 134    |
| Methoxychlor        | 0.0072        | U                | 0.144       | 0.173     |              | mg/Kg | ✱ | 121  | 60 - 150    |
| Methoxychlor        | 0.0072        | U                | 0.144       | 0.197     |              | mg/Kg | ✱ | 138  | 60 - 150    |

| Surrogate              | MS %Recovery | MS Qualifier | Limits   |
|------------------------|--------------|--------------|----------|
| DCB Decachlorobiphenyl | 100          |              | 17 - 150 |
| DCB Decachlorobiphenyl | 113          |              | 17 - 150 |
| Tetrachloro-m-xylene   | 80           |              | 21 - 150 |
| Tetrachloro-m-xylene   | 81           |              | 21 - 150 |

Lab Sample ID: 460-311069-B-1-F MSD

Matrix: Solid

Analysis Batch: 995371

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 995291

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| 4,4'-DDD | 0.0072        | U                | 0.144       | 0.175      |               | mg/Kg | ✱ | 122  | 70 - 138    | 3   | 30        |
| 4,4'-DDD | 0.0072        | U                | 0.144       | 0.194      |               | mg/Kg | ✱ | 135  | 70 - 138    | 3   | 30        |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

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

Lab Sample ID: 460-311069-B-1-F MSD

Matrix: Solid

Analysis Batch: 995371

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 995291

| Analyte             | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| 4,4'-DDE            | 0.0072        | U                | 0.144       | 0.181      |               | mg/Kg | ✱ | 126  | 68 - 136    | 3   | 30        |
| 4,4'-DDE            | 0.0072        | U                | 0.144       | 0.188      |               | mg/Kg | ✱ | 131  | 68 - 136    | 3   | 30        |
| 4,4'-DDT            | 0.0072        | U                | 0.144       | 0.187      |               | mg/Kg | ✱ | 130  | 66 - 149    | 3   | 30        |
| 4,4'-DDT            | 0.0072        | U                | 0.144       | 0.208      |               | mg/Kg | ✱ | 144  | 66 - 149    | 3   | 30        |
| Aldrin              | 0.0072        | U                | 0.144       | 0.165      |               | mg/Kg | ✱ | 115  | 69 - 136    | 2   | 30        |
| Aldrin              | 0.0072        | U                | 0.144       | 0.173      |               | mg/Kg | ✱ | 121  | 69 - 136    | 3   | 30        |
| alpha-BHC           | 0.0022        | U                | 0.144       | 0.172      |               | mg/Kg | ✱ | 120  | 72 - 134    | 2   | 30        |
| alpha-BHC           | 0.0022        | U                | 0.144       | 0.170      |               | mg/Kg | ✱ | 118  | 72 - 134    | 3   | 30        |
| beta-BHC            | 0.0022        | U                | 0.144       | 0.160      |               | mg/Kg | ✱ | 112  | 71 - 130    | 2   | 30        |
| beta-BHC            | 0.0022        | U                | 0.144       | 0.163      |               | mg/Kg | ✱ | 114  | 71 - 130    | 3   | 30        |
| cis-Chlordane       | 0.0072        | U                | 0.144       | 0.181      |               | mg/Kg | ✱ | 126  | 69 - 135    | 2   | 30        |
| cis-Chlordane       | 0.0072        | U                | 0.144       | 0.185      |               | mg/Kg | ✱ | 129  | 69 - 135    | 3   | 30        |
| delta-BHC           | 0.0022        | U                | 0.144       | 0.169      |               | mg/Kg | ✱ | 117  | 69 - 140    | 2   | 30        |
| delta-BHC           | 0.0022        | U                | 0.144       | 0.168      |               | mg/Kg | ✱ | 117  | 69 - 140    | 3   | 30        |
| Dieldrin            | 0.0022        | U                | 0.144       | 0.176      |               | mg/Kg | ✱ | 123  | 69 - 134    | 2   | 30        |
| Dieldrin            | 0.0022        | U                | 0.144       | 0.191      |               | mg/Kg | ✱ | 133  | 69 - 134    | 3   | 30        |
| Endosulfan I        | 0.0072        | U                | 0.144       | 0.179      |               | mg/Kg | ✱ | 125  | 69 - 133    | 2   | 30        |
| Endosulfan I        | 0.0072        | U                | 0.144       | 0.194      | *             | mg/Kg | ✱ | 135  | 69 - 133    | 2   | 30        |
| Endosulfan II       | 0.0072        | U                | 0.144       | 0.186      |               | mg/Kg | ✱ | 130  | 71 - 137    | 3   | 30        |
| Endosulfan II       | 0.0072        | U                | 0.144       | 0.210      | *             | mg/Kg | ✱ | 146  | 71 - 137    | 3   | 30        |
| Endosulfan sulfate  | 0.0072        | U                | 0.144       | 0.162      |               | mg/Kg | ✱ | 113  | 61 - 140    | 3   | 30        |
| Endosulfan sulfate  | 0.0072        | U                | 0.144       | 0.178      |               | mg/Kg | ✱ | 123  | 61 - 140    | 3   | 30        |
| Endrin              | 0.0072        | U                | 0.144       | 0.169      |               | mg/Kg | ✱ | 118  | 67 - 141    | 3   | 30        |
| Endrin              | 0.0072        | U                | 0.144       | 0.184      |               | mg/Kg | ✱ | 128  | 67 - 141    | 3   | 30        |
| Endrin aldehyde     | 0.0072        | U                | 0.144       | 0.192      |               | mg/Kg | ✱ | 134  | 71 - 136    | 2   | 30        |
| Endrin aldehyde     | 0.0072        | U                | 0.144       | 0.218      | *             | mg/Kg | ✱ | 152  | 71 - 136    | 3   | 30        |
| Endrin ketone       | 0.0072        | U                | 0.144       | 0.192      |               | mg/Kg | ✱ | 134  | 60 - 146    | 3   | 30        |
| Endrin ketone       | 0.0072        | U                | 0.144       | 0.215      | *             | mg/Kg | ✱ | 149  | 60 - 146    | 3   | 30        |
| gamma-BHC (Lindane) | 0.0022        | U                | 0.144       | 0.174      |               | mg/Kg | ✱ | 121  | 72 - 139    | 3   | 30        |
| gamma-BHC (Lindane) | 0.0022        | U                | 0.144       | 0.168      |               | mg/Kg | ✱ | 117  | 72 - 139    | 3   | 30        |
| Heptachlor          | 0.0072        | U                | 0.144       | 0.165      |               | mg/Kg | ✱ | 115  | 74 - 138    | 3   | 30        |
| Heptachlor          | 0.0072        | U                | 0.144       | 0.174      |               | mg/Kg | ✱ | 121  | 74 - 138    | 3   | 30        |
| Heptachlor epoxide  | 0.0072        | U                | 0.144       | 0.174      |               | mg/Kg | ✱ | 121  | 72 - 134    | 2   | 30        |
| Heptachlor epoxide  | 0.0072        | U                | 0.144       | 0.186      |               | mg/Kg | ✱ | 129  | 72 - 134    | 3   | 30        |
| Methoxychlor        | 0.0072        | U                | 0.144       | 0.180      |               | mg/Kg | ✱ | 125  | 60 - 150    | 4   | 30        |
| Methoxychlor        | 0.0072        | U                | 0.144       | 0.203      |               | mg/Kg | ✱ | 142  | 60 - 150    | 3   | 30        |

| Surrogate              | MSD %Recovery | MSD Qualifier | Limits   |
|------------------------|---------------|---------------|----------|
| DCB Decachlorobiphenyl | 119           |               | 17 - 150 |
| DCB Decachlorobiphenyl | 133           |               | 17 - 150 |
| Tetrachloro-m-xylene   | 93            |               | 21 - 150 |
| Tetrachloro-m-xylene   | 94            |               | 21 - 150 |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

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

Lab Sample ID: MB 460-995329/1-A

Matrix: Water

Analysis Batch: 995374

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 995329

| Analyte               | MB Result | MB Qualifier | RL    | MDL    | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-----------|--------------|-------|--------|------|---|----------------|----------------|---------|
| 4,4'-DDD              | 0.020     | U            | 0.020 | 0.0060 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| 4,4'-DDD              | 0.020     | U            | 0.020 | 0.0060 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| 4,4'-DDE              | 0.020     | U            | 0.020 | 0.0020 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| 4,4'-DDE              | 0.020     | U            | 0.020 | 0.0020 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| 4,4'-DDT              | 0.020     | U            | 0.020 | 0.0040 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| 4,4'-DDT              | 0.020     | U            | 0.020 | 0.0040 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Aldrin                | 0.020     | U            | 0.020 | 0.0030 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Aldrin                | 0.020     | U            | 0.020 | 0.0030 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| alpha-BHC             | 0.020     | U            | 0.020 | 0.0070 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| alpha-BHC             | 0.020     | U            | 0.020 | 0.0070 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| beta-BHC              | 0.020     | U            | 0.020 | 0.015  | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| beta-BHC              | 0.020     | U            | 0.020 | 0.015  | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Chlordane (technical) | 0.50      | U            | 0.50  | 0.055  | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Chlordane (technical) | 0.50      | U            | 0.50  | 0.055  | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| cis-Chlordane         | 0.020     | U            | 0.020 | 0.0020 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| cis-Chlordane         | 0.020     | U            | 0.020 | 0.0020 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| delta-BHC             | 0.020     | U            | 0.020 | 0.0050 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| delta-BHC             | 0.020     | U            | 0.020 | 0.0050 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Dieldrin              | 0.020     | U            | 0.020 | 0.0030 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Dieldrin              | 0.020     | U            | 0.020 | 0.0030 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Endosulfan I          | 0.020     | U            | 0.020 | 0.0020 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Endosulfan I          | 0.020     | U            | 0.020 | 0.0020 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Endosulfan II         | 0.020     | U            | 0.020 | 0.0040 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Endosulfan II         | 0.020     | U            | 0.020 | 0.0040 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Endosulfan sulfate    | 0.020     | U            | 0.020 | 0.0060 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Endosulfan sulfate    | 0.020     | U            | 0.020 | 0.0060 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Endrin                | 0.020     | U            | 0.020 | 0.0040 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Endrin                | 0.020     | U            | 0.020 | 0.0040 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Endrin aldehyde       | 0.020     | U            | 0.020 | 0.0080 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Endrin aldehyde       | 0.020     | U            | 0.020 | 0.0080 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Endrin ketone         | 0.020     | U            | 0.020 | 0.0080 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Endrin ketone         | 0.020     | U            | 0.020 | 0.0080 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| gamma-BHC (Lindane)   | 0.020     | U            | 0.020 | 0.012  | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| gamma-BHC (Lindane)   | 0.020     | U            | 0.020 | 0.012  | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Heptachlor            | 0.020     | U            | 0.020 | 0.0030 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Heptachlor            | 0.020     | U            | 0.020 | 0.0030 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Heptachlor epoxide    | 0.020     | U            | 0.020 | 0.0050 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Heptachlor epoxide    | 0.020     | U            | 0.020 | 0.0050 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Methoxychlor          | 0.020     | U            | 0.020 | 0.0040 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Methoxychlor          | 0.020     | U            | 0.020 | 0.0040 | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Toxaphene             | 0.50      | U            | 0.50  | 0.11   | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Toxaphene             | 0.50      | U            | 0.50  | 0.11   | ug/L |   | 09/11/24 20:10 | 09/12/24 04:16 | 1       |

| Surrogate              | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------------|--------------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 105          |              | 30 - 131 | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| DCB Decachlorobiphenyl | 91           |              | 30 - 131 | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Tetrachloro-m-xylene   | 95           |              | 34 - 120 | 09/11/24 20:10 | 09/12/24 04:16 | 1       |
| Tetrachloro-m-xylene   | 86           |              | 34 - 120 | 09/11/24 20:10 | 09/12/24 04:16 | 1       |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

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

Lab Sample ID: LCS 460-995329/2-A

Matrix: Water

Analysis Batch: 995374

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 995329

| Analyte             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|------|---|------|-------------|
| 4,4'-DDD            | 0.800       | 0.759      |               | ug/L |   | 95   | 69 - 138    |
| 4,4'-DDE            | 0.800       | 0.785      |               | ug/L |   | 98   | 68 - 130    |
| 4,4'-DDT            | 0.800       | 0.694      |               | ug/L |   | 87   | 57 - 1505   |
| Aldrin              | 0.800       | 0.772      |               | ug/L |   | 97   | 67 - 129    |
| alpha-BHC           | 0.800       | 0.742      |               | ug/L |   | 93   | 70 - 125    |
| beta-BHC            | 0.800       | 0.733      |               | ug/L |   | 92   | 70 - 129    |
| cis-Chlordane       | 0.800       | 0.766      |               | ug/L |   | 96   | 72 - 126    |
| delta-BHC           | 0.800       | 0.583      |               | ug/L |   | 73   | 44 - 120    |
| Dieldrin            | 0.800       | 0.763      |               | ug/L |   | 95   | 72 - 128    |
| Endosulfan I        | 0.800       | 0.804      |               | ug/L |   | 100  | 73 - 127    |
| Endosulfan II       | 0.800       | 0.802      |               | ug/L |   | 100  | 73 - 134    |
| Endosulfan sulfate  | 0.800       | 0.688      |               | ug/L |   | 86   | 61 - 128    |
| Endrin              | 0.800       | 0.763      |               | ug/L |   | 95   | 64 - 138    |
| Endrin aldehyde     | 0.800       | 0.770      |               | ug/L |   | 96   | 74 - 133    |
| Endrin ketone       | 0.800       | 0.781      |               | ug/L |   | 98   | 56 - 150    |
| gamma-BHC (Lindane) | 0.800       | 0.762      |               | ug/L |   | 95   | 73 - 132    |
| Heptachlor          | 0.800       | 0.781      |               | ug/L |   | 98   | 70 - 134    |
| Heptachlor epoxide  | 0.800       | 0.771      |               | ug/L |   | 96   | 75 - 126    |
| Methoxychlor        | 0.800       | 0.613      |               | ug/L |   | 77   | 49 - 150    |

| Surrogate              | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------|---------------|---------------|----------|
| DCB Decachlorobiphenyl | 102           |               | 30 - 131 |
| DCB Decachlorobiphenyl | 96            |               | 30 - 131 |
| Tetrachloro-m-xylene   | 91            |               | 34 - 120 |
| Tetrachloro-m-xylene   | 99            |               | 34 - 120 |

Lab Sample ID: LCSD 460-995329/3-A

Matrix: Water

Analysis Batch: 995374

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 995329

| Analyte       | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | Limit |
|---------------|-------------|-------------|----------------|------|---|------|-------------|-----|-------|
| 4,4'-DDD      | 0.800       | 0.745       |                | ug/L |   | 93   | 69 - 138    | NaN | 30    |
| 4,4'-DDD      | 0.800       | 0.746       |                | ug/L |   | 93   | 69 - 138    | 2   | 30    |
| 4,4'-DDE      | 0.800       | 0.809       |                | ug/L |   | 101  | 68 - 130    | NaN | 30    |
| 4,4'-DDE      | 0.800       | 0.770       |                | ug/L |   | 96   | 68 - 130    | 6   | 30    |
| 4,4'-DDT      | 0.800       | 0.685       |                | ug/L |   | 86   | 57 - 1505   | NaN | 30    |
| 4,4'-DDT      | 0.800       | 0.725       |                | ug/L |   | 91   | 57 - 1505   | 4   | 30    |
| Aldrin        | 0.800       | 0.822       |                | ug/L |   | 103  | 67 - 129    | NaN | 30    |
| Aldrin        | 0.800       | 0.757       |                | ug/L |   | 95   | 67 - 129    | 8   | 30    |
| alpha-BHC     | 0.800       | 0.777       |                | ug/L |   | 97   | 70 - 125    | NaN | 30    |
| alpha-BHC     | 0.800       | 0.725       |                | ug/L |   | 91   | 70 - 125    | 7   | 30    |
| beta-BHC      | 0.800       | 0.770       |                | ug/L |   | 96   | 70 - 129    | NaN | 30    |
| beta-BHC      | 0.800       | 0.720       |                | ug/L |   | 90   | 70 - 129    | 8   | 30    |
| cis-Chlordane | 0.800       | 0.813       |                | ug/L |   | 102  | 72 - 126    | NaN | 30    |
| cis-Chlordane | 0.800       | 0.752       |                | ug/L |   | 94   | 72 - 126    | 8   | 30    |
| delta-BHC     | 0.800       | 0.598       |                | ug/L |   | 75   | 44 - 120    | NaN | 30    |
| delta-BHC     | 0.800       | 0.572       |                | ug/L |   | 72   | 44 - 120    | 5   | 30    |
| Dieldrin      | 0.800       | 0.811       |                | ug/L |   | 101  | 72 - 128    | NaN | 30    |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

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

Lab Sample ID: LCSD 460-995329/3-A

Matrix: Water

Analysis Batch: 995374

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 995329

| Analyte             | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Dieldrin            | 0.800       | 0.750       |                | ug/L |   | 94   | 72 - 128    | 8   | 30        |
| Endosulfan I        | 0.800       | 0.817       |                | ug/L |   | 102  | 73 - 127    | NaN | 30        |
| Endosulfan I        | 0.800       | 0.791       |                | ug/L |   | 99   | 73 - 127    | 4   | 30        |
| Endosulfan II       | 0.800       | 0.878       |                | ug/L |   | 110  | 73 - 134    | NaN | 30        |
| Endosulfan II       | 0.800       | 0.789       |                | ug/L |   | 99   | 73 - 134    | 11  | 30        |
| Endosulfan sulfate  | 0.800       | 0.736       |                | ug/L |   | 92   | 61 - 128    | NaN | 30        |
| Endosulfan sulfate  | 0.800       | 0.681       |                | ug/L |   | 85   | 61 - 128    | 9   | 30        |
| Endrin              | 0.800       | 0.756       |                | ug/L |   | 94   | 64 - 138    | NaN | 30        |
| Endrin              | 0.800       | 0.849       |                | ug/L |   | 106  | 64 - 138    | 11  | 30        |
| Endrin aldehyde     | 0.800       | 0.860       |                | ug/L |   | 107  | 74 - 133    | NaN | 30        |
| Endrin aldehyde     | 0.800       | 0.757       |                | ug/L |   | 95   | 74 - 133    | 14  | 30        |
| Endrin ketone       | 0.800       | 0.869       |                | ug/L |   | 109  | 56 - 150    | NaN | 30        |
| Endrin ketone       | 0.800       | 0.768       |                | ug/L |   | 96   | 56 - 150    | 11  | 30        |
| gamma-BHC (Lindane) | 0.800       | 0.795       |                | ug/L |   | 99   | 73 - 132    | NaN | 30        |
| gamma-BHC (Lindane) | 0.800       | 0.748       |                | ug/L |   | 94   | 73 - 132    | 6   | 30        |
| Heptachlor          | 0.800       | 0.820       |                | ug/L |   | 103  | 70 - 134    | NaN | 30        |
| Heptachlor          | 0.800       | 0.767       |                | ug/L |   | 96   | 70 - 134    | 7   | 30        |
| Heptachlor epoxide  | 0.800       | 0.814       |                | ug/L |   | 102  | 75 - 126    | NaN | 30        |
| Heptachlor epoxide  | 0.800       | 0.758       |                | ug/L |   | 95   | 75 - 126    | 7   | 30        |
| Methoxychlor        | 0.800       | 0.613       |                | ug/L |   | 77   | 49 - 150    | NaN | 30        |
| Methoxychlor        | 0.800       | 0.725       |                | ug/L |   | 91   | 49 - 150    | 17  | 30        |

| Surrogate              | LCSD %Recovery | LCSD Qualifier | LCSD Limits |
|------------------------|----------------|----------------|-------------|
| DCB Decachlorobiphenyl | 101            |                | 30 - 131    |
| DCB Decachlorobiphenyl | 91             |                | 30 - 131    |
| Tetrachloro-m-xylene   | 87             |                | 34 - 120    |
| Tetrachloro-m-xylene   | 93             |                | 34 - 120    |

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

Lab Sample ID: MB 460-995290/1-A

Matrix: Solid

Analysis Batch: 995272

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 995290

| Analyte      | MB Result | MB Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------|-----------|--------------|-------|-------|-------|---|----------------|----------------|---------|
| Aroclor 1016 | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Aroclor 1016 | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Aroclor 1221 | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Aroclor 1221 | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Aroclor 1232 | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Aroclor 1232 | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Aroclor 1242 | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Aroclor 1242 | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Aroclor 1248 | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Aroclor 1248 | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Aroclor 1254 | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Aroclor 1254 | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Aroclor 1260 | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Aroclor 1260 | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

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

Lab Sample ID: MB 460-995290/1-A

Matrix: Solid

Analysis Batch: 995272

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 995290

| Analyte                          | MB Result | MB Qualifier | RL    | MDL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|-----------|--------------|-------|-------|-------|---|----------------|----------------|---------|
| Aroclor-1262                     | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Aroclor-1262                     | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Aroclor 1268                     | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Aroclor 1268                     | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Polychlorinated biphenyls, Total | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Polychlorinated biphenyls, Total | 0.067     | U            | 0.067 | 0.018 | mg/Kg |   | 09/11/24 16:52 | 09/11/24 20:26 | 1       |

| Surrogate              | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------------|--------------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 121          |              | 20 - 150 | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| DCB Decachlorobiphenyl | 124          |              | 20 - 150 | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Tetrachloro-m-xylene   | 108          |              | 20 - 150 | 09/11/24 16:52 | 09/11/24 20:26 | 1       |
| Tetrachloro-m-xylene   | 109          |              | 20 - 150 | 09/11/24 16:52 | 09/11/24 20:26 | 1       |

Lab Sample ID: LCS 460-995290/2-A

Matrix: Solid

Analysis Batch: 995272

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 995290

| Analyte      | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------|-------------|------------|---------------|-------|---|------|-------------|
| Aroclor 1016 | 0.333       | 0.392      |               | mg/Kg |   | 118  | 54 - 136    |
| Aroclor 1016 | 0.333       | 0.432      |               | mg/Kg |   | 130  | 54 - 136    |
| Aroclor 1260 | 0.333       | 0.373      |               | mg/Kg |   | 112  | 53 - 145    |
| Aroclor 1260 | 0.333       | 0.431      |               | mg/Kg |   | 129  | 53 - 145    |

| Surrogate              | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------|---------------|---------------|----------|
| DCB Decachlorobiphenyl | 135           |               | 20 - 150 |
| DCB Decachlorobiphenyl | 124           |               | 20 - 150 |
| Tetrachloro-m-xylene   | 104           |               | 20 - 150 |
| Tetrachloro-m-xylene   | 95            |               | 20 - 150 |

Lab Sample ID: LCSD 460-995290/3-A

Matrix: Solid

Analysis Batch: 995272

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 995290

| Analyte      | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Aroclor 1016 | 0.333       | 0.307       |                | mg/Kg |   | 92   | 54 - 136    | 24  | 30        |
| Aroclor 1016 | 0.333       | 0.345       |                | mg/Kg |   | 103  | 54 - 136    | 23  | 30        |
| Aroclor 1260 | 0.333       | 0.293       |                | mg/Kg |   | 88   | 53 - 145    | 24  | 30        |
| Aroclor 1260 | 0.333       | 0.338       |                | mg/Kg |   | 101  | 53 - 145    | 24  | 30        |

| Surrogate              | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------|----------------|----------------|----------|
| DCB Decachlorobiphenyl | 125            |                | 20 - 150 |
| DCB Decachlorobiphenyl | 127            |                | 20 - 150 |
| Tetrachloro-m-xylene   | 107            |                | 20 - 150 |
| Tetrachloro-m-xylene   | 110            |                | 20 - 150 |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

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

Lab Sample ID: MB 460-995331/1-A

Matrix: Water

Analysis Batch: 995378

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 995331

| Analyte                          | MB Result | MB Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------------------------|-----------|--------------|------|------|------|---|----------------|----------------|---------|
| Aroclor 1016                     | 0.40      | U            | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor 1016                     | 0.40      | U            | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor 1221                     | 0.40      | U            | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor 1221                     | 0.40      | U            | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor 1232                     | 0.40      | U            | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor 1232                     | 0.40      | U            | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor 1242                     | 0.40      | U            | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor 1242                     | 0.40      | U            | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor 1248                     | 0.40      | U            | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor 1248                     | 0.40      | U            | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor 1254                     | 0.40      | U            | 0.40 | 0.11 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor 1254                     | 0.40      | U            | 0.40 | 0.11 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor 1260                     | 0.40      | U            | 0.40 | 0.11 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor 1260                     | 0.40      | U            | 0.40 | 0.11 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor-1262                     | 0.40      | U            | 0.40 | 0.11 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor-1262                     | 0.40      | U            | 0.40 | 0.11 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor 1268                     | 0.40      | U            | 0.40 | 0.11 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Aroclor 1268                     | 0.40      | U            | 0.40 | 0.11 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Polychlorinated biphenyls, Total | 0.40      | U            | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Polychlorinated biphenyls, Total | 0.40      | U            | 0.40 | 0.12 | ug/L |   | 09/11/24 20:11 | 09/12/24 06:51 | 1       |

| Surrogate              | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------|--------------|--------------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 78           |              | 18 - 145 | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| DCB Decachlorobiphenyl | 66           |              | 18 - 145 | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Tetrachloro-m-xylene   | 70           |              | 21 - 124 | 09/11/24 20:11 | 09/12/24 06:51 | 1       |
| Tetrachloro-m-xylene   | 71           |              | 21 - 124 | 09/11/24 20:11 | 09/12/24 06:51 | 1       |

Lab Sample ID: LCS 460-995331/2-A

Matrix: Water

Analysis Batch: 995378

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 995331

| Analyte      | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------|-------------|------------|---------------|------|---|------|-------------|
| Aroclor 1016 | 4.00        | 2.33       |               | ug/L |   | 58   | 42 - 120    |
| Aroclor 1016 | 4.00        | 2.53       |               | ug/L |   | 63   | 42 - 120    |
| Aroclor 1260 | 4.00        | 2.45       |               | ug/L |   | 61   | 42 - 126    |
| Aroclor 1260 | 4.00        | 2.66       |               | ug/L |   | 66   | 42 - 126    |

| Surrogate              | LCS %Recovery | LCS Qualifier | Limits   |
|------------------------|---------------|---------------|----------|
| DCB Decachlorobiphenyl | 77            |               | 18 - 145 |
| DCB Decachlorobiphenyl | 65            |               | 18 - 145 |
| Tetrachloro-m-xylene   | 68            |               | 21 - 124 |
| Tetrachloro-m-xylene   | 73            |               | 21 - 124 |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

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

Lab Sample ID: LCSD 460-995331/3-A

Matrix: Water

Analysis Batch: 995378

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 995331

| Analyte      | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Aroclor 1016 | 4.00        | 2.26        |                | ug/L |   | 57   | 42 - 120    | 3   | 30        |
| Aroclor 1016 | 4.00        | 2.36        |                | ug/L |   | 59   | 42 - 120    | 7   | 30        |
| Aroclor 1260 | 4.00        | 2.33        |                | ug/L |   | 58   | 42 - 126    | 5   | 30        |
| Aroclor 1260 | 4.00        | 2.36        |                | ug/L |   | 59   | 42 - 126    | 12  | 30        |

| Surrogate              | LCSD %Recovery | LCSD Qualifier | Limits   |
|------------------------|----------------|----------------|----------|
| DCB Decachlorobiphenyl | 76             |                | 18 - 145 |
| DCB Decachlorobiphenyl | 63             |                | 18 - 145 |
| Tetrachloro-m-xylene   | 68             |                | 21 - 124 |
| Tetrachloro-m-xylene   | 72             |                | 21 - 124 |

## Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-995341/1-A

Matrix: Water

Analysis Batch: 995489

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 995341

| Analyte   | MB Result | MB Qualifier | RL   | MDL  | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|--------------|------|------|------|---|----------------|----------------|---------|
| Arsenic   | 2.0       | U            | 2.0  | 1.2  | ug/L |   | 09/11/24 18:55 | 09/12/24 13:15 | 1       |
| Barium    | 4.0       | U            | 4.0  | 0.93 | ug/L |   | 09/11/24 18:55 | 09/12/24 13:15 | 1       |
| Beryllium | 0.80      | U            | 0.80 | 0.12 | ug/L |   | 09/11/24 18:55 | 09/12/24 13:15 | 1       |
| Cadmium   | 2.0       | U            | 2.0  | 0.38 | ug/L |   | 09/11/24 18:55 | 09/12/24 13:15 | 1       |
| Chromium  | 4.0       | U            | 4.0  | 1.7  | ug/L |   | 09/11/24 18:55 | 09/12/24 13:15 | 1       |
| Copper    | 4.0       | U            | 4.0  | 2.0  | ug/L |   | 09/11/24 18:55 | 09/12/24 13:15 | 1       |
| Lead      | 1.2       | U            | 1.2  | 0.42 | ug/L |   | 09/11/24 18:55 | 09/12/24 13:15 | 1       |
| Manganese | 8.0       | U            | 8.0  | 0.84 | ug/L |   | 09/11/24 18:55 | 09/12/24 13:15 | 1       |
| Nickel    | 4.0       | U            | 4.0  | 1.4  | ug/L |   | 09/11/24 18:55 | 09/12/24 13:15 | 1       |
| Selenium  | 2.5       | U            | 2.5  | 0.43 | ug/L |   | 09/11/24 18:55 | 09/12/24 13:15 | 1       |
| Silver    | 2.0       | U            | 2.0  | 1.3  | ug/L |   | 09/11/24 18:55 | 09/12/24 13:15 | 1       |
| Zinc      | 16.0      | U            | 16.0 | 4.2  | ug/L |   | 09/11/24 18:55 | 09/12/24 13:15 | 1       |

Lab Sample ID: LCS 460-995341/2-A

Matrix: Water

Analysis Batch: 995489

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 995341

| Analyte   | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------|-------------|------------|---------------|------|---|------|-------------|
| Arsenic   | 50.0        | 51.55      |               | ug/L |   | 103  | 80 - 120    |
| Barium    | 50.0        | 50.11      |               | ug/L |   | 100  | 80 - 120    |
| Beryllium | 25.0        | 25.51      |               | ug/L |   | 102  | 80 - 120    |
| Cadmium   | 25.0        | 25.53      |               | ug/L |   | 102  | 80 - 120    |
| Chromium  | 50.0        | 52.52      |               | ug/L |   | 105  | 80 - 120    |
| Copper    | 50.0        | 54.41      |               | ug/L |   | 109  | 80 - 120    |
| Lead      | 25.0        | 25.32      |               | ug/L |   | 101  | 80 - 120    |
| Manganese | 250         | 253.3      |               | ug/L |   | 101  | 80 - 120    |
| Nickel    | 50.0        | 52.94      |               | ug/L |   | 106  | 80 - 120    |
| Selenium  | 50.0        | 49.12      |               | ug/L |   | 98   | 80 - 120    |
| Silver    | 25.0        | 25.55      |               | ug/L |   | 102  | 80 - 120    |
| Zinc      | 250         | 259.3      |               | ug/L |   | 104  | 80 - 120    |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-311030-H-3-C MS ^5

Matrix: Water

Analysis Batch: 995489

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 995341

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Arsenic   | 10.0          | U                | 50.0        | 47.10     |              | ug/L |   | 94   | 75 - 125    |
| Barium    | 304           |                  | 50.0        | 323.7     | 4            | ug/L |   | 40   | 75 - 125    |
| Beryllium | 4.0           | U                | 25.0        | 23.20     |              | ug/L |   | 93   | 75 - 125    |
| Cadmium   | 10.0          | U                | 25.0        | 23.06     |              | ug/L |   | 92   | 75 - 125    |
| Chromium  | 44.7          |                  | 50.0        | 85.47     |              | ug/L |   | 82   | 75 - 125    |
| Copper    | 22.7          |                  | 50.0        | 61.16     |              | ug/L |   | 77   | 75 - 125    |
| Lead      | 4.9           | J                | 25.0        | 27.14     |              | ug/L |   | 89   | 75 - 125    |
| Manganese | 26400         |                  | 250         | 23940     | 4            | ug/L |   | -966 | 75 - 125    |
| Nickel    | 52.0          |                  | 50.0        | 91.68     |              | ug/L |   | 79   | 75 - 125    |
| Selenium  | 12.5          | U                | 50.0        | 44.54     |              | ug/L |   | 89   | 75 - 125    |
| Silver    | 10.0          | U                | 25.0        | 22.55     |              | ug/L |   | 90   | 75 - 125    |
| Zinc      | 24.9          | J                | 250         | 250.1     |              | ug/L |   | 90   | 75 - 125    |

Lab Sample ID: 460-311030-H-3-D MSD ^5

Matrix: Water

Analysis Batch: 995489

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 995341

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Arsenic   | 10.0          | U                | 50.0        | 48.21      |               | ug/L |   | 96   | 75 - 125    | 2   | 20        |
| Barium    | 304           |                  | 50.0        | 333.2      | 4             | ug/L |   | 59   | 75 - 125    | 3   | 20        |
| Beryllium | 4.0           | U                | 25.0        | 22.37      |               | ug/L |   | 89   | 75 - 125    | 4   | 20        |
| Cadmium   | 10.0          | U                | 25.0        | 22.77      |               | ug/L |   | 91   | 75 - 125    | 1   | 20        |
| Chromium  | 44.7          |                  | 50.0        | 86.42      |               | ug/L |   | 83   | 75 - 125    | 1   | 20        |
| Copper    | 22.7          |                  | 50.0        | 64.12      |               | ug/L |   | 83   | 75 - 125    | 5   | 20        |
| Lead      | 4.9           | J                | 25.0        | 27.31      |               | ug/L |   | 89   | 75 - 125    | 1   | 20        |
| Manganese | 26400         |                  | 250         | 24410      | 4             | ug/L |   | -778 | 75 - 125    | 2   | 20        |
| Nickel    | 52.0          |                  | 50.0        | 92.98      |               | ug/L |   | 82   | 75 - 125    | 1   | 20        |
| Selenium  | 12.5          | U                | 50.0        | 45.82      |               | ug/L |   | 92   | 75 - 125    | 3   | 20        |
| Silver    | 10.0          | U                | 25.0        | 22.67      |               | ug/L |   | 91   | 75 - 125    | 1   | 20        |
| Zinc      | 24.9          | J                | 250         | 249.0      |               | ug/L |   | 90   | 75 - 125    | 0   | 20        |

Lab Sample ID: 460-311030-H-3-B DU ^5

Matrix: Water

Analysis Batch: 995489

Client Sample ID: Duplicate

Prep Type: Total Recoverable

Prep Batch: 995341

| Analyte   | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|-----------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Arsenic   | 10.0          | U                | 10.0      | U            | ug/L |   | NC  | 20        |
| Barium    | 304           |                  | 304.6     |              | ug/L |   | 0.2 | 20        |
| Beryllium | 4.0           | U                | 4.0       | U            | ug/L |   | NC  | 20        |
| Cadmium   | 10.0          | U                | 10.0      | U            | ug/L |   | NC  | 20        |
| Chromium  | 44.7          |                  | 43.98     |              | ug/L |   | 2   | 20        |
| Copper    | 22.7          |                  | 18.90     | J            | ug/L |   | 18  | 20        |
| Lead      | 4.9           | J                | 4.76      | J            | ug/L |   | 4   | 20        |
| Manganese | 26400         |                  | 25840     |              | ug/L |   | 2   | 20        |
| Nickel    | 52.0          |                  | 50.35     |              | ug/L |   | 3   | 20        |
| Selenium  | 12.5          | U                | 12.5      | U            | ug/L |   | NC  | 20        |
| Silver    | 10.0          | U                | 10.0      | U            | ug/L |   | NC  | 20        |
| Zinc      | 24.9          | J                | 24.44     | J            | ug/L |   | 2   | 20        |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-995249/1-A  
Matrix: Water  
Analysis Batch: 995289

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 995249

| Analyte | MB<br>Result | MB<br>Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------------|-----------------|------|-------|------|---|----------------|----------------|---------|
| Mercury | 0.20         | U               | 0.20 | 0.091 | ug/L |   | 09/11/24 12:35 | 09/11/24 14:05 | 1       |

Lab Sample ID: LCS 460-995249/2-A  
Matrix: Water  
Analysis Batch: 995289

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 995249

| Analyte | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|---------|----------------|---------------|------------------|------|---|------|----------------|
| Mercury | 1.00           | 0.983         |                  | ug/L |   | 98   | 80 - 120       |

Lab Sample ID: 460-310615-H-5-B MSD  
Matrix: Water  
Analysis Batch: 995289

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 995249

| 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 | 0.20             | U                   | 1.00           | 1.00          |                  | ug/L |   | 100  | 75 - 125       | 5   | 20           |

Lab Sample ID: 460-310615-J-5-B MS  
Matrix: Water  
Analysis Batch: 995289

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 995249

| Analyte | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|---------|------------------|---------------------|----------------|--------------|-----------------|------|---|------|----------------|
| Mercury | 0.20             | U                   | 1.00           | 1.06         |                 | ug/L |   | 106  | 75 - 125       |

Lab Sample ID: 460-310615-F-5-E DU  
Matrix: Water  
Analysis Batch: 995289

Client Sample ID: Duplicate  
Prep Type: Total/NA  
Prep Batch: 995249

| Analyte | Sample<br>Result | Sample<br>Qualifier | DU<br>Result | DU<br>Qualifier | Unit | D | RPD | RPD<br>Limit |
|---------|------------------|---------------------|--------------|-----------------|------|---|-----|--------------|
| Mercury | 0.20             | U                   | 0.20         | U               | ug/L |   | NC  | 20           |

## Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-995581/1-A  
Matrix: Solid  
Analysis Batch: 995631

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 995581

| Analyte | MB<br>Result | MB<br>Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------------|-----------------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.017        | U               | 0.017 | 0.0080 | mg/Kg |   | 09/13/24 01:13 | 09/13/24 05:41 | 1       |

Lab Sample ID: LCSSRM 460-995581/2-A ^40  
Matrix: Solid  
Analysis Batch: 995631

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 995581

| Analyte | Spike<br>Added | LCSSRM<br>Result | LCSSRM<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|---------|----------------|------------------|---------------------|-------|---|------|----------------|
| Mercury | 22.8           | 22.55            |                     | mg/Kg |   | 98.9 | 70.6 - 129.4   |

Eurofins Edison

# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-310692-I-1-H MS

Matrix: Solid

Analysis Batch: 995631

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 995581

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Mercury | 0.059         |                  | 0.0841      | 0.124     | N            | mg/Kg | ✱ | 78   | 80 - 120    |

Lab Sample ID: 460-310692-I-1-G DU

Matrix: Solid

Analysis Batch: 995631

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 995581

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | RPD Limit |
|---------|---------------|------------------|-----------|--------------|-------|---|-----|-----------|
| Mercury | 0.059         |                  | 0.0628    |              | mg/Kg | ✱ | 7   | 20        |

Lab Sample ID: MB 460-996005/10-A

Matrix: Solid

Analysis Batch: 996065

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 996005

| Analyte | MB Result | MB Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.017     | U            | 0.017 | 0.0080 | mg/Kg |   | 09/16/24 00:42 | 09/16/24 04:09 | 1       |

Lab Sample ID: LCSSRM 460-996005/11-A ^40

Matrix: Solid

Analysis Batch: 996065

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 996005

| Analyte | Spike Added | LCSSRM Result | LCSSRM Qualifier | Unit  | D | %Rec  | %Rec Limits  |
|---------|-------------|---------------|------------------|-------|---|-------|--------------|
| Mercury | 22.8        | 24.50         |                  | mg/Kg |   | 107.5 | 70.6 - 129.4 |

Lab Sample ID: 460-311117-E-9-R MS

Matrix: Solid

Analysis Batch: 996065

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 996005

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Mercury | 0.43          |                  | 0.0837      | 0.510     | 4            | mg/Kg | ✱ | 96   | 80 - 120    |

Lab Sample ID: 460-311117-E-9-S MSD

Matrix: Solid

Analysis Batch: 996065

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 996005

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Mercury | 0.43          |                  | 0.0837      | 0.523      | 4             | mg/Kg | ✱ | 111  | 80 - 120    | 2   | 20        |

Lab Sample ID: 460-311117-A-9-D DU

Matrix: Solid

Analysis Batch: 996065

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 996005

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | RPD Limit |
|---------|---------------|------------------|-----------|--------------|-------|---|-----|-----------|
| Mercury | 0.43          |                  | 0.445     |              | mg/Kg | ✱ | 3   | 20        |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 460-995193/1-A

Matrix: Water

Analysis Batch: 995221

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|-----------|--------------|------|-----|------|---|----------|----------------|---------|
| Cr (VI) | 10.0      | U            | 10.0 | 8.1 | ug/L |   |          | 09/11/24 08:40 | 1       |

Lab Sample ID: MB 460-995221/10

Matrix: Water

Analysis Batch: 995221

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|-----------|--------------|------|-----|------|---|----------|----------------|---------|
| Cr (VI) | 10.0      | U            | 10.0 | 8.1 | ug/L |   |          | 09/11/24 08:40 | 1       |

Lab Sample ID: LCSSRM 460-995221/11

Matrix: Water

Analysis Batch: 995221

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCSSRM Result | LCSSRM Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|-------------|---------------|------------------|------|---|------|-------------|
| Cr (VI) | 77.6        | 76.33         |                  | ug/L |   | 98   | 84.2 - 114  |

Lab Sample ID: MB 460-996304/1-A

Matrix: Solid

Analysis Batch: 996347

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 996304

| Analyte | MB Result | MB Qualifier | RL  | MDL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|-----|------|-------|---|----------------|----------------|---------|
| Cr (VI) | 2.0       | U            | 2.0 | 0.85 | mg/Kg |   | 09/17/24 10:16 | 09/17/24 13:00 | 1       |

Lab Sample ID: LCSi 460-996304/3-A

Matrix: Solid

Analysis Batch: 996347

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 996304

| Analyte | Spike Added | LCSi Result | LCSi Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|-------------|-------------|----------------|-------|---|------|-------------|
| Cr (VI) | 708         | 688.0       |                | mg/Kg |   | 97   | 80 - 120    |

Lab Sample ID: LCSSRM 460-996304/2-A

Matrix: Solid

Analysis Batch: 996347

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 996304

| Analyte | Spike Added | LCSSRM Result | LCSSRM Qualifier | Unit  | D | %Rec | %Rec Limits  |
|---------|-------------|---------------|------------------|-------|---|------|--------------|
| Cr (VI) | 14.9        | 14.09         |                  | mg/Kg |   | 94.3 | 84.2 - 114.5 |

Lab Sample ID: 460-310466-B-3-S MSS

Matrix: Solid

Analysis Batch: 996347

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 996304

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSS Result | MSS Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|
| Cr (VI) | 2.0           | U                | 40.5        | 35.80      |               | mg/Kg | ☆ | 88   | 75 - 125    |

Eurofins Edison

# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 460-310466-B-3-T MSI

Matrix: Solid

Analysis Batch: 996347

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 996304

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSI Result | MSI Qualifier | Unit  | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|
| Cr (VI) | 2.0           | U                | 717         | 668.2      |               | mg/Kg | ✱ | 93   | 75 - 125    |

Lab Sample ID: 460-310466-B-3-R DU

Matrix: Solid

Analysis Batch: 996347

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 996304

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit  | D | RPD | RPD Limit |
|---------|---------------|------------------|-----------|--------------|-------|---|-----|-----------|
| Cr (VI) | 2.0           | U                | 2.0       | U            | mg/Kg | ✱ | NC  | 20        |

Lab Sample ID: 460-311078-A-3-A MS

Matrix: Water

Analysis Batch: 995221

Client Sample ID: Matrix Spike

Prep Type: Dissolved

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Cr (VI) | 120           |                  | 250         | 370.6     |              | ug/L |   | 100  | 85 - 115    |

Lab Sample ID: 460-311078-A-3-A DU

Matrix: Water

Analysis Batch: 995221

Client Sample ID: Duplicate

Prep Type: Dissolved

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Cr (VI) | 120           |                  | 119.1     |              | ug/L |   | 0.9 | 20        |

## Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 460-995976/1-A

Matrix: Solid

Analysis Batch: 996001

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 995976

| Analyte        | MB Result | MB Qualifier | RL    | MDL    | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|--------------|-------|--------|-------|---|----------------|----------------|---------|
| Cyanide, Total | 0.010     | U            | 0.010 | 0.0055 | mg/Kg |   | 09/15/24 14:31 | 09/15/24 17:10 | 1       |

Lab Sample ID: LCSSRM 460-995976/2-A ^20

Matrix: Solid

Analysis Batch: 996001

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 995976

| Analyte        | Spike Added | LCSSRM Result | LCSSRM Qualifier | Unit  | D | %Rec | %Rec Limits  |
|----------------|-------------|---------------|------------------|-------|---|------|--------------|
| Cyanide, Total | 183         | 81.12         |                  | mg/Kg |   | 44.3 | 21.9 - 121.9 |

Lab Sample ID: 460-311096-9 MS

Matrix: Solid

Analysis Batch: 996001

Client Sample ID: RXSB-8\_4-6

Prep Type: Total/NA

Prep Batch: 995976

| Analyte        | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Cyanide, Total | 0.19          | J                | 4.07        | 3.95      |              | mg/Kg | ✱ | 92   | 29 - 100    |

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# QC Sample Results

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: 460-311096-9 MSD

Matrix: Solid

Analysis Batch: 996001

Client Sample ID: RXSB-8\_4-6

Prep Type: Total/NA

Prep Batch: 995976

| Analyte        | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Cyanide, Total | 0.19          | J                | 4.07        | 4.35       | N             | mg/Kg | ☆ | 102  | 29 - 100    | 10  | 40        |

Lab Sample ID: LCS 460-995993/13-A

Matrix: Water

Analysis Batch: 996001

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 995993

| Analyte        | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Cyanide, Total | 0.100       | 0.103      |               | mg/L |   | 103  | 85 - 115    |     |           |

Lab Sample ID: MRL 460-995993/11-A

Matrix: Solid

Analysis Batch: 996001

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 995993

| Analyte        | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Cyanide, Total | 0.0100      | 0.00738    | J             | mg/L |   | 74   | 50 - 150    |     |           |

Lab Sample ID: 460-311118-D-7-B MS

Matrix: Water

Analysis Batch: 996001

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 995993

| Analyte        | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|-----|-----------|
| Cyanide, Total | 0.042         |                  | 0.200       | 0.233     |              | mg/L |   | 96   | 90 - 110    |     |           |

Lab Sample ID: 460-311118-D-7-C MSD

Matrix: Water

Analysis Batch: 996001

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 995993

| Analyte        | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Cyanide, Total | 0.042         |                  | 0.200       | 0.241      |               | mg/L |   | 100  | 90 - 110    | 3   | 35        |

## Method: Moisture - Percent Moisture

Lab Sample ID: 460-311096-4 DU

Matrix: Solid

Analysis Batch: 995077

Client Sample ID: RXSB-10\_4-6

Prep Type: Total/NA

| Analyte          | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|------------------|---------------|------------------|-----------|--------------|------|---|------|-------------|-----|-----------|
| Percent Moisture | 2.3           |                  | 20.0      | *            | %    |   |      |             | 159 | 20        |
| Percent Solids   | 97.7          |                  | 80.0      |              | %    |   |      |             | 20  | 20        |

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# QC Association Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## GC/MS VOA

### Prep Batch: 995140

| Lab Sample ID      | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------|-----------|--------|--------|------------|
| 460-311096-1       | RXSB-5_0-2       | Total/NA  | Solid  | 5035   |            |
| 460-311096-2       | RXSB-5_4-6       | Total/NA  | Solid  | 5035   |            |
| 460-311096-3       | RXSB-10_0-2      | Total/NA  | Solid  | 5035   |            |
| 460-311096-4       | RXSB-10_4-6      | Total/NA  | Solid  | 5035   |            |
| 460-311096-6       | RXSB-3_0-2       | Total/NA  | Solid  | 5035   |            |
| 460-311096-7       | RXSB-3_4-6       | Total/NA  | Solid  | 5035   |            |
| 460-311096-8       | RXSB-8_0-2       | Total/NA  | Solid  | 5035   |            |
| 460-311096-9       | RXSB-8_4-6       | Total/NA  | Solid  | 5035   |            |
| 460-311096-10      | RXSB-9_0-2       | Total/NA  | Solid  | 5035   |            |
| 460-311096-11      | RXSB-9_4-6       | Total/NA  | Solid  | 5035   |            |
| 460-311096-12      | DUP_09092024     | Total/NA  | Solid  | 5035   |            |
| LB3 460-995140/1-A | Method Blank     | Total/NA  | Solid  | 5035   |            |

### Analysis Batch: 995292

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-1       | RXSB-5_0-2             | Total/NA  | Solid  | 8260D  | 995140     |
| 460-311096-2       | RXSB-5_4-6             | Total/NA  | Solid  | 8260D  | 995140     |
| 460-311096-3       | RXSB-10_0-2            | Total/NA  | Solid  | 8260D  | 995140     |
| 460-311096-4       | RXSB-10_4-6            | Total/NA  | Solid  | 8260D  | 995140     |
| 460-311096-6       | RXSB-3_0-2             | Total/NA  | Solid  | 8260D  | 995140     |
| 460-311096-7       | RXSB-3_4-6             | Total/NA  | Solid  | 8260D  | 995140     |
| 460-311096-8       | RXSB-8_0-2             | Total/NA  | Solid  | 8260D  | 995140     |
| 460-311096-9       | RXSB-8_4-6             | Total/NA  | Solid  | 8260D  | 995140     |
| 460-311096-10      | RXSB-9_0-2             | Total/NA  | Solid  | 8260D  | 995140     |
| 460-311096-11      | RXSB-9_4-6             | Total/NA  | Solid  | 8260D  | 995140     |
| 460-311096-12      | DUP_09092024           | Total/NA  | Solid  | 8260D  | 995140     |
| LB3 460-995140/1-A | Method Blank           | Total/NA  | Solid  | 8260D  | 995140     |
| MB 460-995292/7    | Method Blank           | Total/NA  | Solid  | 8260D  |            |
| LCS 460-995292/3   | Lab Control Sample     | Total/NA  | Solid  | 8260D  |            |
| LCSD 460-995292/4  | Lab Control Sample Dup | Total/NA  | Solid  | 8260D  |            |

### Analysis Batch: 995611

| Lab Sample ID     | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-5      | FB_09092024            | Total/NA  | Water  | 8260D  |            |
| 460-311096-13     | TB_09092024            | Total/NA  | Water  | 8260D  |            |
| MB 460-995611/8   | Method Blank           | Total/NA  | Water  | 8260D  |            |
| LCS 460-995611/4  | Lab Control Sample     | Total/NA  | Water  | 8260D  |            |
| LCSD 460-995611/5 | Lab Control Sample Dup | Total/NA  | Water  | 8260D  |            |

## GC/MS Semi VOA

### Prep Batch: 995337

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-11 - DL  | RXSB-9_4-6             | Total/NA  | Solid  | 3546   |            |
| 460-311096-11       | RXSB-9_4-6             | Total/NA  | Solid  | 3546   |            |
| 460-311096-12       | DUP_09092024           | Total/NA  | Solid  | 3546   |            |
| MB 460-995337/1-A   | Method Blank           | Total/NA  | Solid  | 3546   |            |
| LCS 460-995337/2-A  | Lab Control Sample     | Total/NA  | Solid  | 3546   |            |
| LCSD 460-995337/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 3546   |            |

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# QC Association Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## GC/MS Semi VOA

### Prep Batch: 995338

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-1        | RXSB-5_0-2             | Total/NA  | Solid  | 3546   |            |
| 460-311096-2        | RXSB-5_4-6             | Total/NA  | Solid  | 3546   |            |
| 460-311096-3        | RXSB-10_0-2            | Total/NA  | Solid  | 3546   |            |
| 460-311096-4        | RXSB-10_4-6            | Total/NA  | Solid  | 3546   |            |
| 460-311096-6        | RXSB-3_0-2             | Total/NA  | Solid  | 3546   |            |
| 460-311096-7        | RXSB-3_4-6             | Total/NA  | Solid  | 3546   |            |
| 460-311096-8        | RXSB-8_0-2             | Total/NA  | Solid  | 3546   |            |
| 460-311096-9        | RXSB-8_4-6             | Total/NA  | Solid  | 3546   |            |
| 460-311096-10       | RXSB-9_0-2             | Total/NA  | Solid  | 3546   |            |
| MB 460-995338/1-A   | Method Blank           | Total/NA  | Solid  | 3546   |            |
| LCS 460-995338/2-A  | Lab Control Sample     | Total/NA  | Solid  | 3546   |            |
| LCSD 460-995338/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 3546   |            |

### Analysis Batch: 995383

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-1        | RXSB-5_0-2             | Total/NA  | Solid  | 8270E  | 995338     |
| 460-311096-2        | RXSB-5_4-6             | Total/NA  | Solid  | 8270E  | 995338     |
| 460-311096-3        | RXSB-10_0-2            | Total/NA  | Solid  | 8270E  | 995338     |
| 460-311096-4        | RXSB-10_4-6            | Total/NA  | Solid  | 8270E  | 995338     |
| 460-311096-6        | RXSB-3_0-2             | Total/NA  | Solid  | 8270E  | 995338     |
| 460-311096-7        | RXSB-3_4-6             | Total/NA  | Solid  | 8270E  | 995338     |
| 460-311096-8        | RXSB-8_0-2             | Total/NA  | Solid  | 8270E  | 995338     |
| 460-311096-9        | RXSB-8_4-6             | Total/NA  | Solid  | 8270E  | 995338     |
| 460-311096-10       | RXSB-9_0-2             | Total/NA  | Solid  | 8270E  | 995338     |
| MB 460-995338/1-A   | Method Blank           | Total/NA  | Solid  | 8270E  | 995338     |
| LCS 460-995338/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8270E  | 995338     |
| LCSD 460-995338/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8270E  | 995338     |

### Analysis Batch: 995400

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-11       | RXSB-9_4-6             | Total/NA  | Solid  | 8270E  | 995337     |
| 460-311096-11 - DL  | RXSB-9_4-6             | Total/NA  | Solid  | 8270E  | 995337     |
| 460-311096-12       | DUP_09092024           | Total/NA  | Solid  | 8270E  | 995337     |
| MB 460-995337/1-A   | Method Blank           | Total/NA  | Solid  | 8270E  | 995337     |
| LCS 460-995337/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8270E  | 995337     |
| LCSD 460-995337/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8270E  | 995337     |

### Prep Batch: 995477

| Lab Sample ID        | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-5         | FB_09092024            | Total/NA  | Water  | 3510C  |            |
| MB 460-995477/1-A    | Method Blank           | Total/NA  | Water  | 3510C  |            |
| LCS 460-995477/2-A   | Lab Control Sample     | Total/NA  | Water  | 3510C  |            |
| LCSD 460-995477/3-A  | Lab Control Sample Dup | Total/NA  | Water  | 3510C  |            |
| 460-311121-H-6-B MS  | Matrix Spike           | Total/NA  | Water  | 3510C  |            |
| 460-311121-H-6-C MSD | Matrix Spike Duplicate | Total/NA  | Water  | 3510C  |            |

### Analysis Batch: 995535

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 460-311096-5       | FB_09092024        | Total/NA  | Water  | 8270E  | 995477     |
| MB 460-995477/1-A  | Method Blank       | Total/NA  | Water  | 8270E  | 995477     |
| LCS 460-995477/2-A | Lab Control Sample | Total/NA  | Water  | 8270E  | 995477     |

Eurofins Edison

# QC Association Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## GC/MS Semi VOA (Continued)

### Analysis Batch: 995535 (Continued)

| Lab Sample ID        | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| LCSD 460-995477/3-A  | Lab Control Sample Dup | Total/NA  | Water  | 8270E  | 995477     |
| 460-311121-H-6-B MS  | Matrix Spike           | Total/NA  | Water  | 8270E  | 995477     |
| 460-311121-H-6-C MSD | Matrix Spike Duplicate | Total/NA  | Water  | 8270E  | 995477     |

## GC Semi VOA

### Analysis Batch: 995272

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 460-995290/1-A   | Method Blank           | Total/NA  | Solid  | 8082A  | 995290     |
| LCS 460-995290/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8082A  | 995290     |
| LCSD 460-995290/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8082A  | 995290     |

### Analysis Batch: 995283

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 460-311096-1  | RXSB-5_0-2       | Total/NA  | Solid  | 8082A  | 995290     |
| 460-311096-2  | RXSB-5_4-6       | Total/NA  | Solid  | 8082A  | 995290     |
| 460-311096-3  | RXSB-10_0-2      | Total/NA  | Solid  | 8082A  | 995290     |
| 460-311096-4  | RXSB-10_4-6      | Total/NA  | Solid  | 8082A  | 995290     |
| 460-311096-6  | RXSB-3_0-2       | Total/NA  | Solid  | 8082A  | 995290     |
| 460-311096-7  | RXSB-3_4-6       | Total/NA  | Solid  | 8082A  | 995290     |
| 460-311096-8  | RXSB-8_0-2       | Total/NA  | Solid  | 8082A  | 995290     |
| 460-311096-9  | RXSB-8_4-6       | Total/NA  | Solid  | 8082A  | 995290     |
| 460-311096-10 | RXSB-9_0-2       | Total/NA  | Solid  | 8082A  | 995290     |
| 460-311096-11 | RXSB-9_4-6       | Total/NA  | Solid  | 8082A  | 995290     |
| 460-311096-12 | DUP_09092024     | Total/NA  | Solid  | 8082A  | 995290     |

### Prep Batch: 995290

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-1        | RXSB-5_0-2             | Total/NA  | Solid  | 3546   |            |
| 460-311096-2        | RXSB-5_4-6             | Total/NA  | Solid  | 3546   |            |
| 460-311096-3        | RXSB-10_0-2            | Total/NA  | Solid  | 3546   |            |
| 460-311096-4        | RXSB-10_4-6            | Total/NA  | Solid  | 3546   |            |
| 460-311096-6        | RXSB-3_0-2             | Total/NA  | Solid  | 3546   |            |
| 460-311096-7        | RXSB-3_4-6             | Total/NA  | Solid  | 3546   |            |
| 460-311096-8        | RXSB-8_0-2             | Total/NA  | Solid  | 3546   |            |
| 460-311096-9        | RXSB-8_4-6             | Total/NA  | Solid  | 3546   |            |
| 460-311096-10       | RXSB-9_0-2             | Total/NA  | Solid  | 3546   |            |
| 460-311096-11       | RXSB-9_4-6             | Total/NA  | Solid  | 3546   |            |
| 460-311096-12       | DUP_09092024           | Total/NA  | Solid  | 3546   |            |
| MB 460-995290/1-A   | Method Blank           | Total/NA  | Solid  | 3546   |            |
| LCS 460-995290/2-A  | Lab Control Sample     | Total/NA  | Solid  | 3546   |            |
| LCSD 460-995290/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 3546   |            |

### Prep Batch: 995291

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 460-311096-1  | RXSB-5_0-2       | Total/NA  | Solid  | 3546   |            |
| 460-311096-2  | RXSB-5_4-6       | Total/NA  | Solid  | 3546   |            |
| 460-311096-3  | RXSB-10_0-2      | Total/NA  | Solid  | 3546   |            |
| 460-311096-4  | RXSB-10_4-6      | Total/NA  | Solid  | 3546   |            |
| 460-311096-6  | RXSB-3_0-2       | Total/NA  | Solid  | 3546   |            |
| 460-311096-7  | RXSB-3_4-6       | Total/NA  | Solid  | 3546   |            |

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# QC Association Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## GC Semi VOA (Continued)

### Prep Batch: 995291 (Continued)

| Lab Sample ID        | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-8         | RXSB-8_0-2             | Total/NA  | Solid  | 3546   |            |
| 460-311096-9         | RXSB-8_4-6             | Total/NA  | Solid  | 3546   |            |
| 460-311096-10        | RXSB-9_0-2             | Total/NA  | Solid  | 3546   |            |
| 460-311096-11        | RXSB-9_4-6             | Total/NA  | Solid  | 3546   |            |
| 460-311096-12        | DUP_09092024           | Total/NA  | Solid  | 3546   |            |
| MB 460-995291/1-A    | Method Blank           | Total/NA  | Solid  | 3546   |            |
| LCS 460-995291/2-A   | Lab Control Sample     | Total/NA  | Solid  | 3546   |            |
| LCSD 460-995291/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 3546   |            |
| 460-311069-B-1-E MS  | Matrix Spike           | Total/NA  | Solid  | 3546   |            |
| 460-311069-B-1-F MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 3546   |            |

### Prep Batch: 995329

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-5        | FB_09092024            | Total/NA  | Water  | 3510C  |            |
| MB 460-995329/1-A   | Method Blank           | Total/NA  | Water  | 3510C  |            |
| LCS 460-995329/2-A  | Lab Control Sample     | Total/NA  | Water  | 3510C  |            |
| LCSD 460-995329/3-A | Lab Control Sample Dup | Total/NA  | Water  | 3510C  |            |

### Prep Batch: 995331

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-5        | FB_09092024            | Total/NA  | Water  | 3510C  |            |
| MB 460-995331/1-A   | Method Blank           | Total/NA  | Water  | 3510C  |            |
| LCS 460-995331/2-A  | Lab Control Sample     | Total/NA  | Water  | 3510C  |            |
| LCSD 460-995331/3-A | Lab Control Sample Dup | Total/NA  | Water  | 3510C  |            |

### Analysis Batch: 995371

| Lab Sample ID        | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| MB 460-995291/1-A    | Method Blank           | Total/NA  | Solid  | 8081B  | 995291     |
| LCS 460-995291/2-A   | Lab Control Sample     | Total/NA  | Solid  | 8081B  | 995291     |
| LCSD 460-995291/3-A  | Lab Control Sample Dup | Total/NA  | Solid  | 8081B  | 995291     |
| 460-311069-B-1-E MS  | Matrix Spike           | Total/NA  | Solid  | 8081B  | 995291     |
| 460-311069-B-1-F MSD | Matrix Spike Duplicate | Total/NA  | Solid  | 8081B  | 995291     |

### Analysis Batch: 995374

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-1        | RXSB-5_0-2             | Total/NA  | Solid  | 8081B  | 995291     |
| 460-311096-2        | RXSB-5_4-6             | Total/NA  | Solid  | 8081B  | 995291     |
| 460-311096-3        | RXSB-10_0-2            | Total/NA  | Solid  | 8081B  | 995291     |
| 460-311096-4        | RXSB-10_4-6            | Total/NA  | Solid  | 8081B  | 995291     |
| 460-311096-5        | FB_09092024            | Total/NA  | Water  | 8081B  | 995329     |
| 460-311096-6        | RXSB-3_0-2             | Total/NA  | Solid  | 8081B  | 995291     |
| 460-311096-7        | RXSB-3_4-6             | Total/NA  | Solid  | 8081B  | 995291     |
| 460-311096-8        | RXSB-8_0-2             | Total/NA  | Solid  | 8081B  | 995291     |
| 460-311096-9        | RXSB-8_4-6             | Total/NA  | Solid  | 8081B  | 995291     |
| 460-311096-10       | RXSB-9_0-2             | Total/NA  | Solid  | 8081B  | 995291     |
| 460-311096-11       | RXSB-9_4-6             | Total/NA  | Solid  | 8081B  | 995291     |
| 460-311096-12       | DUP_09092024           | Total/NA  | Solid  | 8081B  | 995291     |
| MB 460-995329/1-A   | Method Blank           | Total/NA  | Water  | 8081B  | 995329     |
| LCS 460-995329/2-A  | Lab Control Sample     | Total/NA  | Water  | 8081B  | 995329     |
| LCSD 460-995329/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8081B  | 995329     |

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# QC Association Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## GC Semi VOA

### Analysis Batch: 995378

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-5        | FB_09092024            | Total/NA  | Water  | 8082A  | 995331     |
| MB 460-995331/1-A   | Method Blank           | Total/NA  | Water  | 8082A  | 995331     |
| LCS 460-995331/2-A  | Lab Control Sample     | Total/NA  | Water  | 8082A  | 995331     |
| LCSD 460-995331/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8082A  | 995331     |

## Metals

### Prep Batch: 995181

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 460-311096-1  | RXSB-5_0-2       | Total/NA  | Solid  | 3050B  |            |
| 460-311096-2  | RXSB-5_4-6       | Total/NA  | Solid  | 3050B  |            |
| 460-311096-3  | RXSB-10_0-2      | Total/NA  | Solid  | 3050B  |            |
| 460-311096-4  | RXSB-10_4-6      | Total/NA  | Solid  | 3050B  |            |
| 460-311096-6  | RXSB-3_0-2       | Total/NA  | Solid  | 3050B  |            |
| 460-311096-7  | RXSB-3_4-6       | Total/NA  | Solid  | 3050B  |            |
| 460-311096-8  | RXSB-8_0-2       | Total/NA  | Solid  | 3050B  |            |
| 460-311096-9  | RXSB-8_4-6       | Total/NA  | Solid  | 3050B  |            |
| 460-311096-10 | RXSB-9_0-2       | Total/NA  | Solid  | 3050B  |            |
| 460-311096-11 | RXSB-9_4-6       | Total/NA  | Solid  | 3050B  |            |
| 460-311096-12 | DUP_09092024     | Total/NA  | Solid  | 3050B  |            |

### Prep Batch: 995249

| Lab Sample ID        | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-5         | FB_09092024            | Total/NA  | Water  | 7470A  |            |
| MB 460-995249/1-A    | Method Blank           | Total/NA  | Water  | 7470A  |            |
| LCS 460-995249/2-A   | Lab Control Sample     | Total/NA  | Water  | 7470A  |            |
| 460-310615-H-5-B MSD | Matrix Spike Duplicate | Total/NA  | Water  | 7470A  |            |
| 460-310615-J-5-B MS  | Matrix Spike           | Total/NA  | Water  | 7470A  |            |
| 460-310615-F-5-E DU  | Duplicate              | Total/NA  | Water  | 7470A  |            |

### Analysis Batch: 995268

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 460-311096-1  | RXSB-5_0-2       | Total/NA  | Solid  | 6020B  | 995181     |
| 460-311096-2  | RXSB-5_4-6       | Total/NA  | Solid  | 6020B  | 995181     |
| 460-311096-3  | RXSB-10_0-2      | Total/NA  | Solid  | 6020B  | 995181     |
| 460-311096-4  | RXSB-10_4-6      | Total/NA  | Solid  | 6020B  | 995181     |
| 460-311096-6  | RXSB-3_0-2       | Total/NA  | Solid  | 6020B  | 995181     |
| 460-311096-7  | RXSB-3_4-6       | Total/NA  | Solid  | 6020B  | 995181     |
| 460-311096-8  | RXSB-8_0-2       | Total/NA  | Solid  | 6020B  | 995181     |
| 460-311096-9  | RXSB-8_4-6       | Total/NA  | Solid  | 6020B  | 995181     |
| 460-311096-10 | RXSB-9_0-2       | Total/NA  | Solid  | 6020B  | 995181     |
| 460-311096-11 | RXSB-9_4-6       | Total/NA  | Solid  | 6020B  | 995181     |
| 460-311096-12 | DUP_09092024     | Total/NA  | Solid  | 6020B  | 995181     |

### Analysis Batch: 995289

| Lab Sample ID        | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-5         | FB_09092024            | Total/NA  | Water  | 7470A  | 995249     |
| MB 460-995249/1-A    | Method Blank           | Total/NA  | Water  | 7470A  | 995249     |
| LCS 460-995249/2-A   | Lab Control Sample     | Total/NA  | Water  | 7470A  | 995249     |
| 460-310615-H-5-B MSD | Matrix Spike Duplicate | Total/NA  | Water  | 7470A  | 995249     |
| 460-310615-J-5-B MS  | Matrix Spike           | Total/NA  | Water  | 7470A  | 995249     |

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# QC Association Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Metals (Continued)

### Analysis Batch: 995289 (Continued)

| Lab Sample ID       | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------|-----------|--------|--------|------------|
| 460-310615-F-5-E DU | Duplicate        | Total/NA  | Water  | 7470A  | 995249     |

### Prep Batch: 995341

| Lab Sample ID           | Client Sample ID       | Prep Type         | Matrix | Method | Prep Batch |
|-------------------------|------------------------|-------------------|--------|--------|------------|
| 460-311096-5            | FB_09092024            | Total Recoverable | Water  | 3005A  |            |
| MB 460-995341/1-A       | Method Blank           | Total Recoverable | Water  | 3005A  |            |
| LCS 460-995341/2-A      | Lab Control Sample     | Total Recoverable | Water  | 3005A  |            |
| 460-311030-H-3-C MS ^5  | Matrix Spike           | Total Recoverable | Water  | 3005A  |            |
| 460-311030-H-3-D MSD ^5 | Matrix Spike Duplicate | Total Recoverable | Water  | 3005A  |            |
| 460-311030-H-3-B DU ^5  | Duplicate              | Total Recoverable | Water  | 3005A  |            |

### Analysis Batch: 995489

| Lab Sample ID           | Client Sample ID       | Prep Type         | Matrix | Method | Prep Batch |
|-------------------------|------------------------|-------------------|--------|--------|------------|
| 460-311096-5            | FB_09092024            | Total Recoverable | Water  | 6020B  | 995341     |
| MB 460-995341/1-A       | Method Blank           | Total Recoverable | Water  | 6020B  | 995341     |
| LCS 460-995341/2-A      | Lab Control Sample     | Total Recoverable | Water  | 6020B  | 995341     |
| 460-311030-H-3-C MS ^5  | Matrix Spike           | Total Recoverable | Water  | 6020B  | 995341     |
| 460-311030-H-3-D MSD ^5 | Matrix Spike Duplicate | Total Recoverable | Water  | 6020B  | 995341     |
| 460-311030-H-3-B DU ^5  | Duplicate              | Total Recoverable | Water  | 6020B  | 995341     |

### Prep Batch: 995581

| Lab Sample ID            | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|--------------------|-----------|--------|--------|------------|
| 460-311096-1             | RXSB-5_0-2         | Total/NA  | Solid  | 7471B  |            |
| 460-311096-2             | RXSB-5_4-6         | Total/NA  | Solid  | 7471B  |            |
| 460-311096-3             | RXSB-10_0-2        | Total/NA  | Solid  | 7471B  |            |
| 460-311096-4             | RXSB-10_4-6        | Total/NA  | Solid  | 7471B  |            |
| 460-311096-6             | RXSB-3_0-2         | Total/NA  | Solid  | 7471B  |            |
| MB 460-995581/1-A        | Method Blank       | Total/NA  | Solid  | 7471B  |            |
| LCSSRM 460-995581/2-A ^4 | Lab Control Sample | Total/NA  | Solid  | 7471B  |            |
| 460-310692-I-1-H MS      | Matrix Spike       | Total/NA  | Solid  | 7471B  |            |
| 460-310692-I-1-G DU      | Duplicate          | Total/NA  | Solid  | 7471B  |            |

### Analysis Batch: 995631

| Lab Sample ID            | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|--------------------|-----------|--------|--------|------------|
| 460-311096-1             | RXSB-5_0-2         | Total/NA  | Solid  | 7471B  | 995581     |
| 460-311096-2             | RXSB-5_4-6         | Total/NA  | Solid  | 7471B  | 995581     |
| 460-311096-3             | RXSB-10_0-2        | Total/NA  | Solid  | 7471B  | 995581     |
| 460-311096-4             | RXSB-10_4-6        | Total/NA  | Solid  | 7471B  | 995581     |
| 460-311096-6             | RXSB-3_0-2         | Total/NA  | Solid  | 7471B  | 995581     |
| MB 460-995581/1-A        | Method Blank       | Total/NA  | Solid  | 7471B  | 995581     |
| LCSSRM 460-995581/2-A ^4 | Lab Control Sample | Total/NA  | Solid  | 7471B  | 995581     |
| 460-310692-I-1-H MS      | Matrix Spike       | Total/NA  | Solid  | 7471B  | 995581     |
| 460-310692-I-1-G DU      | Duplicate          | Total/NA  | Solid  | 7471B  | 995581     |

### Prep Batch: 996005

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 460-311096-7  | RXSB-3_4-6       | Total/NA  | Solid  | 7471B  |            |
| 460-311096-8  | RXSB-8_0-2       | Total/NA  | Solid  | 7471B  |            |
| 460-311096-9  | RXSB-8_4-6       | Total/NA  | Solid  | 7471B  |            |
| 460-311096-10 | RXSB-9_0-2       | Total/NA  | Solid  | 7471B  |            |
| 460-311096-11 | RXSB-9_4-6       | Total/NA  | Solid  | 7471B  |            |

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# QC Association Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## Metals (Continued)

### Prep Batch: 996005 (Continued)

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-12            | DUP_09092024           | Total/NA  | Solid  | 7471B  |            |
| MB 460-996005/10-A       | Method Blank           | Total/NA  | Solid  | 7471B  |            |
| LCSSRM 460-996005/11-A ^ | Lab Control Sample     | Total/NA  | Solid  | 7471B  |            |
| 460-311117-E-9-R MS      | Matrix Spike           | Total/NA  | Solid  | 7471B  |            |
| 460-311117-E-9-S MSD     | Matrix Spike Duplicate | Total/NA  | Solid  | 7471B  |            |
| 460-311117-A-9-D DU      | Duplicate              | Total/NA  | Solid  | 7471B  |            |

### Analysis Batch: 996065

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-7             | RXSB-3_4-6             | Total/NA  | Solid  | 7471B  | 996005     |
| 460-311096-8             | RXSB-8_0-2             | Total/NA  | Solid  | 7471B  | 996005     |
| 460-311096-9             | RXSB-8_4-6             | Total/NA  | Solid  | 7471B  | 996005     |
| 460-311096-10            | RXSB-9_0-2             | Total/NA  | Solid  | 7471B  | 996005     |
| 460-311096-11            | RXSB-9_4-6             | Total/NA  | Solid  | 7471B  | 996005     |
| 460-311096-12            | DUP_09092024           | Total/NA  | Solid  | 7471B  | 996005     |
| MB 460-996005/10-A       | Method Blank           | Total/NA  | Solid  | 7471B  | 996005     |
| LCSSRM 460-996005/11-A ^ | Lab Control Sample     | Total/NA  | Solid  | 7471B  | 996005     |
| 460-311117-E-9-R MS      | Matrix Spike           | Total/NA  | Solid  | 7471B  | 996005     |
| 460-311117-E-9-S MSD     | Matrix Spike Duplicate | Total/NA  | Solid  | 7471B  | 996005     |
| 460-311117-A-9-D DU      | Duplicate              | Total/NA  | Solid  | 7471B  | 996005     |

## General Chemistry

### Analysis Batch: 995077

| Lab Sample ID   | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|-----------------|------------------|-----------|--------|----------|------------|
| 460-311096-1    | RXSB-5_0-2       | Total/NA  | Solid  | Moisture |            |
| 460-311096-2    | RXSB-5_4-6       | Total/NA  | Solid  | Moisture |            |
| 460-311096-3    | RXSB-10_0-2      | Total/NA  | Solid  | Moisture |            |
| 460-311096-4    | RXSB-10_4-6      | Total/NA  | Solid  | Moisture |            |
| 460-311096-6    | RXSB-3_0-2       | Total/NA  | Solid  | Moisture |            |
| 460-311096-7    | RXSB-3_4-6       | Total/NA  | Solid  | Moisture |            |
| 460-311096-8    | RXSB-8_0-2       | Total/NA  | Solid  | Moisture |            |
| 460-311096-9    | RXSB-8_4-6       | Total/NA  | Solid  | Moisture |            |
| 460-311096-10   | RXSB-9_0-2       | Total/NA  | Solid  | Moisture |            |
| 460-311096-11   | RXSB-9_4-6       | Total/NA  | Solid  | Moisture |            |
| 460-311096-12   | DUP_09092024     | Total/NA  | Solid  | Moisture |            |
| 460-311096-4 DU | RXSB-10_4-6      | Total/NA  | Solid  | Moisture |            |

### Filtration Batch: 995193

| Lab Sample ID       | Client Sample ID | Prep Type | Matrix | Method     | Prep Batch |
|---------------------|------------------|-----------|--------|------------|------------|
| MB 460-995193/1-A   | Method Blank     | Total/NA  | Water  | FILTRATION |            |
| 460-311078-A-3-A MS | Matrix Spike     | Dissolved | Water  | FILTRATION |            |
| 460-311078-A-3-A DU | Duplicate        | Dissolved | Water  | FILTRATION |            |

### Analysis Batch: 995221

| Lab Sample ID        | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|----------------------|--------------------|-----------|--------|--------|------------|
| 460-311096-5         | FB_09092024        | Total/NA  | Water  | 7196A  |            |
| MB 460-995193/1-A    | Method Blank       | Total/NA  | Water  | 7196A  | 995193     |
| MB 460-995221/10     | Method Blank       | Total/NA  | Water  | 7196A  |            |
| LCSSRM 460-995221/11 | Lab Control Sample | Total/NA  | Water  | 7196A  |            |
| MRL 460-995221/9     | Lab Control Sample | Total/NA  | Water  | 7196A  |            |

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# QC Association Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## General Chemistry (Continued)

### Analysis Batch: 995221 (Continued)

| Lab Sample ID       | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------|-----------|--------|--------|------------|
| 460-311078-A-3-A MS | Matrix Spike     | Dissolved | Water  | 7196A  | 995193     |
| 460-311078-A-3-A DU | Duplicate        | Dissolved | Water  | 7196A  | 995193     |

### Analysis Batch: 995275

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 460-311096-1  | RXSB-5_0-2       | Total/NA  | Solid  | 7196A  |            |
| 460-311096-2  | RXSB-5_4-6       | Total/NA  | Solid  | 7196A  |            |
| 460-311096-3  | RXSB-10_0-2      | Total/NA  | Solid  | 7196A  |            |
| 460-311096-4  | RXSB-10_4-6      | Total/NA  | Solid  | 7196A  |            |
| 460-311096-6  | RXSB-3_0-2       | Total/NA  | Solid  | 7196A  |            |
| 460-311096-7  | RXSB-3_4-6       | Total/NA  | Solid  | 7196A  |            |
| 460-311096-8  | RXSB-8_0-2       | Total/NA  | Solid  | 7196A  |            |
| 460-311096-9  | RXSB-8_4-6       | Total/NA  | Solid  | 7196A  |            |
| 460-311096-10 | RXSB-9_0-2       | Total/NA  | Solid  | 7196A  |            |
| 460-311096-11 | RXSB-9_4-6       | Total/NA  | Solid  | 7196A  |            |
| 460-311096-12 | DUP_09092024     | Total/NA  | Solid  | 7196A  |            |

### Prep Batch: 995976

| Lab Sample ID            | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|--------------------|-----------|--------|--------|------------|
| 460-311096-1             | RXSB-5_0-2         | Total/NA  | Solid  | 9012B  |            |
| 460-311096-2             | RXSB-5_4-6         | Total/NA  | Solid  | 9012B  |            |
| 460-311096-3             | RXSB-10_0-2        | Total/NA  | Solid  | 9012B  |            |
| 460-311096-4             | RXSB-10_4-6        | Total/NA  | Solid  | 9012B  |            |
| 460-311096-6             | RXSB-3_0-2         | Total/NA  | Solid  | 9012B  |            |
| 460-311096-7             | RXSB-3_4-6         | Total/NA  | Solid  | 9012B  |            |
| 460-311096-8             | RXSB-8_0-2         | Total/NA  | Solid  | 9012B  |            |
| 460-311096-9             | RXSB-8_4-6         | Total/NA  | Solid  | 9012B  |            |
| 460-311096-10            | RXSB-9_0-2         | Total/NA  | Solid  | 9012B  |            |
| 460-311096-11            | RXSB-9_4-6         | Total/NA  | Solid  | 9012B  |            |
| 460-311096-12            | DUP_09092024       | Total/NA  | Solid  | 9012B  |            |
| MB 460-995976/1-A        | Method Blank       | Total/NA  | Solid  | 9012B  |            |
| LCSSRM 460-995976/2-A ^2 | Lab Control Sample | Total/NA  | Solid  | 9012B  |            |
| 460-311096-9 MS          | RXSB-8_4-6         | Total/NA  | Solid  | 9012B  |            |
| 460-311096-9 MSD         | RXSB-8_4-6         | Total/NA  | Solid  | 9012B  |            |

### Prep Batch: 995993

| Lab Sample ID        | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-5         | FB_09092024            | Total/NA  | Water  | 9012B  |            |
| LCS 460-995993/13-A  | Lab Control Sample     | Total/NA  | Water  | 9012B  |            |
| MRL 460-995993/11-A  | Lab Control Sample     | Total/NA  | Solid  | 9012B  |            |
| 460-311118-D-7-B MS  | Matrix Spike           | Total/NA  | Water  | 9012B  |            |
| 460-311118-D-7-C MSD | Matrix Spike Duplicate | Total/NA  | Water  | 9012B  |            |

### Analysis Batch: 996001

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 460-311096-1  | RXSB-5_0-2       | Total/NA  | Solid  | 9012B  | 995976     |
| 460-311096-2  | RXSB-5_4-6       | Total/NA  | Solid  | 9012B  | 995976     |
| 460-311096-3  | RXSB-10_0-2      | Total/NA  | Solid  | 9012B  | 995976     |
| 460-311096-4  | RXSB-10_4-6      | Total/NA  | Solid  | 9012B  | 995976     |
| 460-311096-5  | FB_09092024      | Total/NA  | Water  | 9012B  | 995993     |
| 460-311096-6  | RXSB-3_0-2       | Total/NA  | Solid  | 9012B  | 995976     |

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# QC Association Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

## General Chemistry (Continued)

### Analysis Batch: 996001 (Continued)

| Lab Sample ID            | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------------|------------------------|-----------|--------|--------|------------|
| 460-311096-7             | RXSB-3_4-6             | Total/NA  | Solid  | 9012B  | 995976     |
| 460-311096-8             | RXSB-8_0-2             | Total/NA  | Solid  | 9012B  | 995976     |
| 460-311096-9             | RXSB-8_4-6             | Total/NA  | Solid  | 9012B  | 995976     |
| 460-311096-10            | RXSB-9_0-2             | Total/NA  | Solid  | 9012B  | 995976     |
| 460-311096-11            | RXSB-9_4-6             | Total/NA  | Solid  | 9012B  | 995976     |
| 460-311096-12            | DUP_09092024           | Total/NA  | Solid  | 9012B  | 995976     |
| MB 460-995976/1-A        | Method Blank           | Total/NA  | Solid  | 9012B  | 995976     |
| LCS 460-995993/13-A      | Lab Control Sample     | Total/NA  | Water  | 9012B  | 995993     |
| LCSSRM 460-995976/2-A ^2 | Lab Control Sample     | Total/NA  | Solid  | 9012B  | 995976     |
| MRL 460-995993/11-A      | Lab Control Sample     | Total/NA  | Solid  | 9012B  | 995993     |
| 460-311096-9 MS          | RXSB-8_4-6             | Total/NA  | Solid  | 9012B  | 995976     |
| 460-311096-9 MSD         | RXSB-8_4-6             | Total/NA  | Solid  | 9012B  | 995976     |
| 460-311118-D-7-B MS      | Matrix Spike           | Total/NA  | Water  | 9012B  | 995993     |
| 460-311118-D-7-C MSD     | Matrix Spike Duplicate | Total/NA  | Water  | 9012B  | 995993     |

### Prep Batch: 996304

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 460-311096-1          | RXSB-5_0-2         | Total/NA  | Solid  | 3060A  |            |
| 460-311096-2          | RXSB-5_4-6         | Total/NA  | Solid  | 3060A  |            |
| 460-311096-3          | RXSB-10_0-2        | Total/NA  | Solid  | 3060A  |            |
| 460-311096-4          | RXSB-10_4-6        | Total/NA  | Solid  | 3060A  |            |
| 460-311096-6          | RXSB-3_0-2         | Total/NA  | Solid  | 3060A  |            |
| 460-311096-7          | RXSB-3_4-6         | Total/NA  | Solid  | 3060A  |            |
| 460-311096-8          | RXSB-8_0-2         | Total/NA  | Solid  | 3060A  |            |
| 460-311096-9          | RXSB-8_4-6         | Total/NA  | Solid  | 3060A  |            |
| 460-311096-10         | RXSB-9_0-2         | Total/NA  | Solid  | 3060A  |            |
| 460-311096-11         | RXSB-9_4-6         | Total/NA  | Solid  | 3060A  |            |
| 460-311096-12         | DUP_09092024       | Total/NA  | Solid  | 3060A  |            |
| MB 460-996304/1-A     | Method Blank       | Total/NA  | Solid  | 3060A  |            |
| LCSI 460-996304/3-A   | Lab Control Sample | Total/NA  | Solid  | 3060A  |            |
| LCSSRM 460-996304/2-A | Lab Control Sample | Total/NA  | Solid  | 3060A  |            |
| 460-310466-B-3-S MSS  | Matrix Spike       | Total/NA  | Solid  | 3060A  |            |
| 460-310466-B-3-T MSI  | Matrix Spike       | Total/NA  | Solid  | 3060A  |            |
| 460-310466-B-3-R DU   | Duplicate          | Total/NA  | Solid  | 3060A  |            |

### Analysis Batch: 996347

| Lab Sample ID         | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|--------------------|-----------|--------|--------|------------|
| 460-311096-1          | RXSB-5_0-2         | Total/NA  | Solid  | 7196A  | 996304     |
| 460-311096-2          | RXSB-5_4-6         | Total/NA  | Solid  | 7196A  | 996304     |
| 460-311096-3          | RXSB-10_0-2        | Total/NA  | Solid  | 7196A  | 996304     |
| 460-311096-4          | RXSB-10_4-6        | Total/NA  | Solid  | 7196A  | 996304     |
| 460-311096-6          | RXSB-3_0-2         | Total/NA  | Solid  | 7196A  | 996304     |
| 460-311096-7          | RXSB-3_4-6         | Total/NA  | Solid  | 7196A  | 996304     |
| 460-311096-8          | RXSB-8_0-2         | Total/NA  | Solid  | 7196A  | 996304     |
| 460-311096-9          | RXSB-8_4-6         | Total/NA  | Solid  | 7196A  | 996304     |
| 460-311096-10         | RXSB-9_0-2         | Total/NA  | Solid  | 7196A  | 996304     |
| 460-311096-11         | RXSB-9_4-6         | Total/NA  | Solid  | 7196A  | 996304     |
| 460-311096-12         | DUP_09092024       | Total/NA  | Solid  | 7196A  | 996304     |
| MB 460-996304/1-A     | Method Blank       | Total/NA  | Solid  | 7196A  | 996304     |
| LCSI 460-996304/3-A   | Lab Control Sample | Total/NA  | Solid  | 7196A  | 996304     |
| LCSSRM 460-996304/2-A | Lab Control Sample | Total/NA  | Solid  | 7196A  | 996304     |

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## QC Association Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

### General Chemistry (Continued)

#### Analysis Batch: 996347 (Continued)

| Lab Sample ID        | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------|-----------|--------|--------|------------|
| 460-310466-B-3-S MSS | Matrix Spike     | Total/NA  | Solid  | 7196A  | 996304     |
| 460-310466-B-3-T MSI | Matrix Spike     | Total/NA  | Solid  | 7196A  | 996304     |
| 460-310466-B-3-R DU  | Duplicate        | Total/NA  | Solid  | 7196A  | 996304     |

#### Analysis Batch: 996380

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 460-311096-5  | FB_09092024      | Total/NA  | Water  | 7196A  |            |

# Lab Chronicle

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

**Client Sample ID: RXSB-5\_0-2**

**Lab Sample ID: 460-311096-1**

**Date Collected: 09/09/24 08:55**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 7196A        |     | 1               | 995275       | TJW     | EET EDI | 09/12/24 12:25       |
| Total/NA  | Analysis   | Moisture     |     | 1               | 995077       | CJC     | EET EDI | 09/10/24 21:00       |

**Client Sample ID: RXSB-5\_0-2**

**Lab Sample ID: 460-311096-1**

**Date Collected: 09/09/24 08:55**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

**Percent Solids: 95.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total/NA  | Prep       | 5035         |     |                 | 995140       | ERP     | EET EDI | 09/10/24 23:00                               |
| Total/NA  | Analysis   | 8260D        |     | 1               | 995292       | EMM     | EET EDI | 09/12/24 02:48                               |
| Total/NA  | Prep       | 3546         |     |                 | 995338       | GXY     | EET EDI | 09/11/24 20:46                               |
| Total/NA  | Analysis   | 8270E        |     | 1               | 995383       | MDJ     | EET EDI | 09/12/24 07:15                               |
| Total/NA  | Prep       | 3546         |     |                 | 995291       | ARA     | EET EDI | 09/11/24 16:56                               |
| Total/NA  | Analysis   | 8081B        |     | 1               | 995374       | FAM     | EET EDI | 09/12/24 05:29                               |
| Total/NA  | Prep       | 3546         |     |                 | 995290       | ARA     | EET EDI | 09/11/24 16:52                               |
| Total/NA  | Analysis   | 8082A        |     | 1               | 995283       | AAA     | EET EDI | 09/12/24 00:02                               |
| Total/NA  | Prep       | 3050B        |     |                 | 995181       | FBT     | EET EDI | 09/11/24 07:50                               |
| Total/NA  | Analysis   | 6020B        |     | 1               | 995268       | CDC     | EET EDI | 09/11/24 20:31                               |
| Total/NA  | Prep       | 7471B        |     |                 | 995581       | TJS     | EET EDI | 09/13/24 01:13                               |
| Total/NA  | Analysis   | 7471B        |     | 1               | 995631       | TJS     | EET EDI | 09/13/24 06:24                               |
| Total/NA  | Prep       | 3060A        |     |                 | 996304       | MNP     | EET EDI | 09/17/24 10:16 - 09/17/24 11:16 <sup>1</sup> |
| Total/NA  | Analysis   | 7196A        |     | 1               | 996347       | MNP     | EET EDI | 09/17/24 14:50                               |
| Total/NA  | Prep       | 9012B        |     |                 | 995976       | VBG     | EET EDI | 09/15/24 14:31                               |
| Total/NA  | Analysis   | 9012B        |     | 1               | 996001       | VBG     | EET EDI | 09/15/24 17:16                               |

**Client Sample ID: RXSB-5\_4-6**

**Lab Sample ID: 460-311096-2**

**Date Collected: 09/09/24 09:30**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 7196A        |     | 1               | 995275       | TJW     | EET EDI | 09/12/24 12:25       |
| Total/NA  | Analysis   | Moisture     |     | 1               | 995077       | CJC     | EET EDI | 09/10/24 21:00       |

**Client Sample ID: RXSB-5\_4-6**

**Lab Sample ID: 460-311096-2**

**Date Collected: 09/09/24 09:30**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

**Percent Solids: 94.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 995140       | ERP     | EET EDI | 09/10/24 23:01       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 995292       | EMM     | EET EDI | 09/12/24 03:12       |
| Total/NA  | Prep       | 3546         |     |                 | 995338       | GXY     | EET EDI | 09/11/24 20:46       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 995383       | MDJ     | EET EDI | 09/12/24 07:33       |
| Total/NA  | Prep       | 3546         |     |                 | 995291       | ARA     | EET EDI | 09/11/24 16:56       |
| Total/NA  | Analysis   | 8081B        |     | 1               | 995374       | FAM     | EET EDI | 09/12/24 05:42       |

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# Lab Chronicle

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

**Client Sample ID: RXSB-5\_4-6**

**Lab Sample ID: 460-311096-2**

**Date Collected: 09/09/24 09:30**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

**Percent Solids: 94.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total/NA  | Prep       | 3546         |     |                 | 995290       | ARA     | EET EDI | 09/11/24 16:52                               |
| Total/NA  | Analysis   | 8082A        |     | 1               | 995283       | AAA     | EET EDI | 09/12/24 00:19                               |
| Total/NA  | Prep       | 3050B        |     |                 | 995181       | FBT     | EET EDI | 09/11/24 07:50                               |
| Total/NA  | Analysis   | 6020B        |     | 1               | 995268       | CDC     | EET EDI | 09/11/24 20:33                               |
| Total/NA  | Prep       | 7471B        |     |                 | 995581       | TJS     | EET EDI | 09/13/24 01:13                               |
| Total/NA  | Analysis   | 7471B        |     | 1               | 995631       | TJS     | EET EDI | 09/13/24 06:26                               |
| Total/NA  | Prep       | 3060A        |     |                 | 996304       | MNP     | EET EDI | 09/17/24 10:16 - 09/17/24 11:16 <sup>1</sup> |
| Total/NA  | Analysis   | 7196A        |     | 1               | 996347       | MNP     | EET EDI | 09/17/24 14:50                               |
| Total/NA  | Prep       | 9012B        |     |                 | 995976       | VBG     | EET EDI | 09/15/24 14:31                               |
| Total/NA  | Analysis   | 9012B        |     | 1               | 996001       | VBG     | EET EDI | 09/15/24 17:17                               |

**Client Sample ID: RXSB-10\_0-2**

**Lab Sample ID: 460-311096-3**

**Date Collected: 09/09/24 10:10**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 7196A        |     | 1               | 995275       | TJW     | EET EDI | 09/12/24 12:25       |
| Total/NA  | Analysis   | Moisture     |     | 1               | 995077       | CJC     | EET EDI | 09/10/24 21:00       |

**Client Sample ID: RXSB-10\_0-2**

**Lab Sample ID: 460-311096-3**

**Date Collected: 09/09/24 10:10**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

**Percent Solids: 97.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total/NA  | Prep       | 5035         |     |                 | 995140       | ERP     | EET EDI | 09/10/24 23:02                               |
| Total/NA  | Analysis   | 8260D        |     | 1               | 995292       | EMM     | EET EDI | 09/12/24 03:37                               |
| Total/NA  | Prep       | 3546         |     |                 | 995338       | GXY     | EET EDI | 09/11/24 20:46                               |
| Total/NA  | Analysis   | 8270E        |     | 1               | 995383       | MDJ     | EET EDI | 09/12/24 07:50                               |
| Total/NA  | Prep       | 3546         |     |                 | 995291       | ARA     | EET EDI | 09/11/24 16:56                               |
| Total/NA  | Analysis   | 8081B        |     | 1               | 995374       | FAM     | EET EDI | 09/12/24 05:55                               |
| Total/NA  | Prep       | 3546         |     |                 | 995290       | ARA     | EET EDI | 09/11/24 16:52                               |
| Total/NA  | Analysis   | 8082A        |     | 1               | 995283       | AAA     | EET EDI | 09/12/24 00:36                               |
| Total/NA  | Prep       | 3050B        |     |                 | 995181       | FBT     | EET EDI | 09/11/24 07:50                               |
| Total/NA  | Analysis   | 6020B        |     | 1               | 995268       | CDC     | EET EDI | 09/11/24 20:38                               |
| Total/NA  | Prep       | 7471B        |     |                 | 995581       | TJS     | EET EDI | 09/13/24 01:13                               |
| Total/NA  | Analysis   | 7471B        |     | 1               | 995631       | TJS     | EET EDI | 09/13/24 06:27                               |
| Total/NA  | Prep       | 3060A        |     |                 | 996304       | MNP     | EET EDI | 09/17/24 10:16 - 09/17/24 11:16 <sup>1</sup> |
| Total/NA  | Analysis   | 7196A        |     | 1               | 996347       | MNP     | EET EDI | 09/17/24 14:50                               |
| Total/NA  | Prep       | 9012B        |     |                 | 995976       | VBG     | EET EDI | 09/15/24 14:31                               |
| Total/NA  | Analysis   | 9012B        |     | 1               | 996001       | VBG     | EET EDI | 09/15/24 17:17                               |

Eurofins Edison

# Lab Chronicle

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

**Client Sample ID: RXSB-10\_4-6**

**Lab Sample ID: 460-311096-4**

**Date Collected: 09/09/24 10:25**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 7196A        |     | 1               | 995275       | TJW     | EET EDI | 09/12/24 12:25       |
| Total/NA  | Analysis   | Moisture     |     | 1               | 995077       | CJC     | EET EDI | 09/10/24 21:00       |

**Client Sample ID: RXSB-10\_4-6**

**Lab Sample ID: 460-311096-4**

**Date Collected: 09/09/24 10:25**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

**Percent Solids: 97.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total/NA  | Prep       | 5035         |     |                 | 995140       | ERP     | EET EDI | 09/10/24 23:03                               |
| Total/NA  | Analysis   | 8260D        |     | 1               | 995292       | EMM     | EET EDI | 09/12/24 04:02                               |
| Total/NA  | Prep       | 3546         |     |                 | 995338       | GXY     | EET EDI | 09/11/24 20:46                               |
| Total/NA  | Analysis   | 8270E        |     | 1               | 995383       | MDJ     | EET EDI | 09/12/24 08:42                               |
| Total/NA  | Prep       | 3546         |     |                 | 995291       | ARA     | EET EDI | 09/11/24 16:56                               |
| Total/NA  | Analysis   | 8081B        |     | 1               | 995374       | FAM     | EET EDI | 09/12/24 06:08                               |
| Total/NA  | Prep       | 3546         |     |                 | 995290       | ARA     | EET EDI | 09/11/24 16:52                               |
| Total/NA  | Analysis   | 8082A        |     | 1               | 995283       | AAA     | EET EDI | 09/12/24 00:52                               |
| Total/NA  | Prep       | 3050B        |     |                 | 995181       | FBT     | EET EDI | 09/11/24 07:50                               |
| Total/NA  | Analysis   | 6020B        |     | 1               | 995268       | CDC     | EET EDI | 09/11/24 20:48                               |
| Total/NA  | Prep       | 7471B        |     |                 | 995581       | TJS     | EET EDI | 09/13/24 01:13                               |
| Total/NA  | Analysis   | 7471B        |     | 1               | 995631       | TJS     | EET EDI | 09/13/24 06:29                               |
| Total/NA  | Prep       | 3060A        |     |                 | 996304       | MNP     | EET EDI | 09/17/24 10:16 - 09/17/24 11:16 <sup>1</sup> |
| Total/NA  | Analysis   | 7196A        |     | 1               | 996347       | MNP     | EET EDI | 09/17/24 14:50                               |
| Total/NA  | Prep       | 9012B        |     |                 | 995976       | VBG     | EET EDI | 09/15/24 14:31                               |
| Total/NA  | Analysis   | 9012B        |     | 1               | 996001       | VBG     | EET EDI | 09/15/24 17:22                               |

**Client Sample ID: FB\_09092024**

**Lab Sample ID: 460-311096-5**

**Date Collected: 09/09/24 11:35**

**Matrix: Water**

**Date Received: 09/10/24 18:30**

| Prep Type         | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-------------------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA          | Analysis   | 8260D        |     | 1               | 995611       | SZD     | EET EDI | 09/13/24 08:57       |
| Total/NA          | Prep       | 3510C        |     |                 | 995477       | NMP     | EET EDI | 09/12/24 12:22       |
| Total/NA          | Analysis   | 8270E        |     | 1               | 995535       | MME     | EET EDI | 09/13/24 03:43       |
| Total/NA          | Prep       | 3510C        |     |                 | 995329       | JMS     | EET EDI | 09/11/24 20:10       |
| Total/NA          | Analysis   | 8081B        |     | 1               | 995374       | FAM     | EET EDI | 09/12/24 05:03       |
| Total/NA          | Prep       | 3510C        |     |                 | 995331       | JMS     | EET EDI | 09/11/24 20:11       |
| Total/NA          | Analysis   | 8082A        |     | 1               | 995378       | FAM     | EET EDI | 09/12/24 07:41       |
| Total Recoverable | Prep       | 3005A        |     |                 | 995341       | GAE     | EET EDI | 09/11/24 18:55       |
| Total Recoverable | Analysis   | 6020B        |     | 1               | 995489       | CDC     | EET EDI | 09/12/24 13:40       |
| Total/NA          | Prep       | 7470A        |     |                 | 995249       | RBS     | EET EDI | 09/11/24 12:35       |
| Total/NA          | Analysis   | 7470A        |     | 1               | 995289       | RBS     | EET EDI | 09/11/24 14:50       |
| Total/NA          | Analysis   | 7196A        |     | 1               | 996380       | JMP     | EET EDI | 09/17/24 17:04       |
| Total/NA          | Analysis   | 7196A        |     | 1               | 995221       | AXP     | EET EDI | 09/11/24 08:40       |

Eurofins Edison

# Lab Chronicle

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

**Client Sample ID: FB\_09092024**

**Lab Sample ID: 460-311096-5**

**Date Collected: 09/09/24 11:35**

**Matrix: Water**

**Date Received: 09/10/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 9012B        |     |                 | 995993       | VBG     | EET EDI | 09/15/24 16:08       |
| Total/NA  | Analysis   | 9012B        |     | 1               | 996001       | VBG     | EET EDI | 09/15/24 18:26       |

**Client Sample ID: RXSB-3\_0-2**

**Lab Sample ID: 460-311096-6**

**Date Collected: 09/09/24 12:25**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 7196A        |     | 1               | 995275       | TJW     | EET EDI | 09/12/24 12:25       |
| Total/NA  | Analysis   | Moisture     |     | 1               | 995077       | CJC     | EET EDI | 09/10/24 21:01       |

**Client Sample ID: RXSB-3\_0-2**

**Lab Sample ID: 460-311096-6**

**Date Collected: 09/09/24 12:25**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

**Percent Solids: 85.5**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total/NA  | Prep       | 5035         |     |                 | 995140       | ERP     | EET EDI | 09/10/24 23:04                               |
| Total/NA  | Analysis   | 8260D        |     | 1               | 995292       | EMM     | EET EDI | 09/12/24 04:27                               |
| Total/NA  | Prep       | 3546         |     |                 | 995338       | GXY     | EET EDI | 09/11/24 20:46                               |
| Total/NA  | Analysis   | 8270E        |     | 1               | 995383       | MDJ     | EET EDI | 09/12/24 08:25                               |
| Total/NA  | Prep       | 3546         |     |                 | 995291       | ARA     | EET EDI | 09/11/24 16:56                               |
| Total/NA  | Analysis   | 8081B        |     | 1               | 995374       | FAM     | EET EDI | 09/12/24 06:21                               |
| Total/NA  | Prep       | 3546         |     |                 | 995290       | ARA     | EET EDI | 09/11/24 16:52                               |
| Total/NA  | Analysis   | 8082A        |     | 1               | 995283       | AAA     | EET EDI | 09/12/24 01:09                               |
| Total/NA  | Prep       | 3050B        |     |                 | 995181       | FBT     | EET EDI | 09/11/24 07:50                               |
| Total/NA  | Analysis   | 6020B        |     | 1               | 995268       | CDC     | EET EDI | 09/11/24 20:51                               |
| Total/NA  | Prep       | 7471B        |     |                 | 995581       | TJS     | EET EDI | 09/13/24 01:13                               |
| Total/NA  | Analysis   | 7471B        |     | 1               | 995631       | TJS     | EET EDI | 09/13/24 06:31                               |
| Total/NA  | Prep       | 3060A        |     |                 | 996304       | MNP     | EET EDI | 09/17/24 10:16 - 09/17/24 11:16 <sup>1</sup> |
| Total/NA  | Analysis   | 7196A        |     | 1               | 996347       | MNP     | EET EDI | 09/17/24 14:50                               |
| Total/NA  | Prep       | 9012B        |     |                 | 995976       | VBG     | EET EDI | 09/15/24 14:31                               |
| Total/NA  | Analysis   | 9012B        |     | 1               | 996001       | VBG     | EET EDI | 09/15/24 17:23                               |

**Client Sample ID: RXSB-3\_4-6**

**Lab Sample ID: 460-311096-7**

**Date Collected: 09/09/24 12:30**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 7196A        |     | 1               | 995275       | TJW     | EET EDI | 09/12/24 12:25       |
| Total/NA  | Analysis   | Moisture     |     | 1               | 995077       | CJC     | EET EDI | 09/10/24 21:01       |

Eurofins Edison

# Lab Chronicle

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

**Client Sample ID: RXSB-3\_4-6**

**Lab Sample ID: 460-311096-7**

**Date Collected: 09/09/24 12:30**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

**Percent Solids: 93.5**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total/NA  | Prep       | 5035         |     |                 | 995140       | ERP     | EET EDI | 09/10/24 23:05                               |
| Total/NA  | Analysis   | 8260D        |     | 1               | 995292       | EMM     | EET EDI | 09/12/24 04:52                               |
| Total/NA  | Prep       | 3546         |     |                 | 995338       | GXY     | EET EDI | 09/11/24 20:46                               |
| Total/NA  | Analysis   | 8270E        |     | 1               | 995383       | MDJ     | EET EDI | 09/12/24 09:17                               |
| Total/NA  | Prep       | 3546         |     |                 | 995291       | ARA     | EET EDI | 09/11/24 16:56                               |
| Total/NA  | Analysis   | 8081B        |     | 1               | 995374       | FAM     | EET EDI | 09/12/24 06:34                               |
| Total/NA  | Prep       | 3546         |     |                 | 995290       | ARA     | EET EDI | 09/11/24 16:52                               |
| Total/NA  | Analysis   | 8082A        |     | 1               | 995283       | AAA     | EET EDI | 09/12/24 01:25                               |
| Total/NA  | Prep       | 3050B        |     |                 | 995181       | FBT     | EET EDI | 09/11/24 07:50                               |
| Total/NA  | Analysis   | 6020B        |     | 1               | 995268       | CDC     | EET EDI | 09/11/24 20:53                               |
| Total/NA  | Prep       | 7471B        |     |                 | 996005       | TJS     | EET EDI | 09/16/24 00:42                               |
| Total/NA  | Analysis   | 7471B        |     | 1               | 996065       | TJS     | EET EDI | 09/16/24 04:24                               |
| Total/NA  | Prep       | 3060A        |     |                 | 996304       | MNP     | EET EDI | 09/17/24 10:16 - 09/17/24 11:16 <sup>1</sup> |
| Total/NA  | Analysis   | 7196A        |     | 1               | 996347       | MNP     | EET EDI | 09/17/24 14:50                               |
| Total/NA  | Prep       | 9012B        |     |                 | 995976       | VBG     | EET EDI | 09/15/24 14:31                               |
| Total/NA  | Analysis   | 9012B        |     | 1               | 996001       | VBG     | EET EDI | 09/15/24 17:24                               |

**Client Sample ID: RXSB-8\_0-2**

**Lab Sample ID: 460-311096-8**

**Date Collected: 09/09/24 13:20**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 7196A        |     | 1               | 995275       | TJW     | EET EDI | 09/12/24 12:25       |
| Total/NA  | Analysis   | Moisture     |     | 1               | 995077       | CJC     | EET EDI | 09/10/24 21:01       |

**Client Sample ID: RXSB-8\_0-2**

**Lab Sample ID: 460-311096-8**

**Date Collected: 09/09/24 13:20**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

**Percent Solids: 97.9**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total/NA  | Prep       | 5035         |     |                 | 995140       | ERP     | EET EDI | 09/10/24 23:06                               |
| Total/NA  | Analysis   | 8260D        |     | 1               | 995292       | EMM     | EET EDI | 09/12/24 05:16                               |
| Total/NA  | Prep       | 3546         |     |                 | 995338       | GXY     | EET EDI | 09/11/24 20:46                               |
| Total/NA  | Analysis   | 8270E        |     | 1               | 995383       | MDJ     | EET EDI | 09/12/24 08:59                               |
| Total/NA  | Prep       | 3546         |     |                 | 995291       | ARA     | EET EDI | 09/11/24 16:56                               |
| Total/NA  | Analysis   | 8081B        |     | 1               | 995374       | FAM     | EET EDI | 09/12/24 06:47                               |
| Total/NA  | Prep       | 3546         |     |                 | 995290       | ARA     | EET EDI | 09/11/24 16:52                               |
| Total/NA  | Analysis   | 8082A        |     | 1               | 995283       | AAA     | EET EDI | 09/12/24 01:42                               |
| Total/NA  | Prep       | 3050B        |     |                 | 995181       | FBT     | EET EDI | 09/11/24 07:50                               |
| Total/NA  | Analysis   | 6020B        |     | 1               | 995268       | CDC     | EET EDI | 09/11/24 20:56                               |
| Total/NA  | Prep       | 7471B        |     |                 | 996005       | TJS     | EET EDI | 09/16/24 00:42                               |
| Total/NA  | Analysis   | 7471B        |     | 1               | 996065       | TJS     | EET EDI | 09/16/24 04:26                               |
| Total/NA  | Prep       | 3060A        |     |                 | 996304       | MNP     | EET EDI | 09/17/24 10:16 - 09/17/24 11:16 <sup>1</sup> |
| Total/NA  | Analysis   | 7196A        |     | 1               | 996347       | MNP     | EET EDI | 09/17/24 14:50                               |

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# Lab Chronicle

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

**Client Sample ID: RXSB-8\_0-2**

**Lab Sample ID: 460-311096-8**

**Date Collected: 09/09/24 13:20**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

**Percent Solids: 97.9**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 9012B        |     |                 | 995976       | VBG     | EET EDI | 09/15/24 14:31       |
| Total/NA  | Analysis   | 9012B        |     | 1               | 996001       | VBG     | EET EDI | 09/15/24 17:25       |

**Client Sample ID: RXSB-8\_4-6**

**Lab Sample ID: 460-311096-9**

**Date Collected: 09/09/24 13:25**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 7196A        |     | 1               | 995275       | TJW     | EET EDI | 09/12/24 12:25       |
| Total/NA  | Analysis   | Moisture     |     | 1               | 995077       | CJC     | EET EDI | 09/10/24 21:01       |

**Client Sample ID: RXSB-8\_4-6**

**Lab Sample ID: 460-311096-9**

**Date Collected: 09/09/24 13:25**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

**Percent Solids: 98.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total/NA  | Prep       | 5035         |     |                 | 995140       | ERP     | EET EDI | 09/10/24 23:07                               |
| Total/NA  | Analysis   | 8260D        |     | 1               | 995292       | EMM     | EET EDI | 09/12/24 05:41                               |
| Total/NA  | Prep       | 3546         |     |                 | 995338       | GXY     | EET EDI | 09/11/24 20:46                               |
| Total/NA  | Analysis   | 8270E        |     | 1               | 995383       | MDJ     | EET EDI | 09/12/24 08:07                               |
| Total/NA  | Prep       | 3546         |     |                 | 995291       | ARA     | EET EDI | 09/11/24 16:56                               |
| Total/NA  | Analysis   | 8081B        |     | 1               | 995374       | FAM     | EET EDI | 09/12/24 07:00                               |
| Total/NA  | Prep       | 3546         |     |                 | 995290       | ARA     | EET EDI | 09/11/24 16:52                               |
| Total/NA  | Analysis   | 8082A        |     | 1               | 995283       | AAA     | EET EDI | 09/12/24 01:59                               |
| Total/NA  | Prep       | 3050B        |     |                 | 995181       | FBT     | EET EDI | 09/11/24 07:50                               |
| Total/NA  | Analysis   | 6020B        |     | 1               | 995268       | CDC     | EET EDI | 09/11/24 20:58                               |
| Total/NA  | Prep       | 7471B        |     |                 | 996005       | TJS     | EET EDI | 09/16/24 00:42                               |
| Total/NA  | Analysis   | 7471B        |     | 1               | 996065       | TJS     | EET EDI | 09/16/24 04:32                               |
| Total/NA  | Prep       | 3060A        |     |                 | 996304       | MNP     | EET EDI | 09/17/24 10:16 - 09/17/24 11:16 <sup>1</sup> |
| Total/NA  | Analysis   | 7196A        |     | 1               | 996347       | MNP     | EET EDI | 09/17/24 14:50                               |
| Total/NA  | Prep       | 9012B        |     |                 | 995976       | VBG     | EET EDI | 09/15/24 14:31                               |
| Total/NA  | Analysis   | 9012B        |     | 1               | 996001       | VBG     | EET EDI | 09/15/24 17:26                               |

**Client Sample ID: RXSB-9\_0-2**

**Lab Sample ID: 460-311096-10**

**Date Collected: 09/09/24 14:05**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 7196A        |     | 1               | 995275       | TJW     | EET EDI | 09/12/24 12:25       |
| Total/NA  | Analysis   | Moisture     |     | 1               | 995077       | CJC     | EET EDI | 09/10/24 21:01       |

Eurofins Edison

# Lab Chronicle

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

**Client Sample ID: RXSB-9\_0-2**

**Lab Sample ID: 460-311096-10**

**Date Collected: 09/09/24 14:05**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

**Percent Solids: 98.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total/NA  | Prep       | 5035         |     |                 | 995140       | ERP     | EET EDI | 09/10/24 23:08                               |
| Total/NA  | Analysis   | 8260D        |     | 1               | 995292       | EMM     | EET EDI | 09/12/24 06:05                               |
| Total/NA  | Prep       | 3546         |     |                 | 995338       | GXY     | EET EDI | 09/11/24 20:46                               |
| Total/NA  | Analysis   | 8270E        |     | 1               | 995383       | MDJ     | EET EDI | 09/12/24 09:34                               |
| Total/NA  | Prep       | 3546         |     |                 | 995291       | ARA     | EET EDI | 09/11/24 16:56                               |
| Total/NA  | Analysis   | 8081B        |     | 1               | 995374       | FAM     | EET EDI | 09/12/24 07:13                               |
| Total/NA  | Prep       | 3546         |     |                 | 995290       | ARA     | EET EDI | 09/11/24 16:52                               |
| Total/NA  | Analysis   | 8082A        |     | 1               | 995283       | AAA     | EET EDI | 09/12/24 02:15                               |
| Total/NA  | Prep       | 3050B        |     |                 | 995181       | FBT     | EET EDI | 09/11/24 07:50                               |
| Total/NA  | Analysis   | 6020B        |     | 1               | 995268       | CDC     | EET EDI | 09/11/24 21:00                               |
| Total/NA  | Prep       | 7471B        |     |                 | 996005       | TJS     | EET EDI | 09/16/24 00:42                               |
| Total/NA  | Analysis   | 7471B        |     | 1               | 996065       | TJS     | EET EDI | 09/16/24 04:33                               |
| Total/NA  | Prep       | 3060A        |     |                 | 996304       | MNP     | EET EDI | 09/17/24 10:16 - 09/17/24 11:16 <sup>1</sup> |
| Total/NA  | Analysis   | 7196A        |     | 1               | 996347       | MNP     | EET EDI | 09/17/24 14:50                               |
| Total/NA  | Prep       | 9012B        |     |                 | 995976       | VBG     | EET EDI | 09/15/24 14:31                               |
| Total/NA  | Analysis   | 9012B        |     | 1               | 996001       | VBG     | EET EDI | 09/15/24 17:28                               |

**Client Sample ID: RXSB-9\_4-6**

**Lab Sample ID: 460-311096-11**

**Date Collected: 09/09/24 14:10**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 7196A        |     | 1               | 995275       | TJW     | EET EDI | 09/12/24 12:25       |
| Total/NA  | Analysis   | Moisture     |     | 1               | 995077       | CJC     | EET EDI | 09/10/24 21:01       |

**Client Sample ID: RXSB-9\_4-6**

**Lab Sample ID: 460-311096-11**

**Date Collected: 09/09/24 14:10**

**Matrix: Solid**

**Date Received: 09/10/24 18:30**

**Percent Solids: 98.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Prep       | 5035         |     |                 | 995140       | ERP     | EET EDI | 09/10/24 23:09       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 995292       | EMM     | EET EDI | 09/12/24 06:29       |
| Total/NA  | Prep       | 3546         |     |                 | 995337       | GXY     | EET EDI | 09/11/24 20:42       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 995400       | DXD     | EET EDI | 09/12/24 15:39       |
| Total/NA  | Prep       | 3546         | DL  |                 | 995337       | GXY     | EET EDI | 09/11/24 20:42       |
| Total/NA  | Analysis   | 8270E        | DL  | 5               | 995400       | DXD     | EET EDI | 09/12/24 17:11       |
| Total/NA  | Prep       | 3546         |     |                 | 995291       | ARA     | EET EDI | 09/11/24 16:56       |
| Total/NA  | Analysis   | 8081B        |     | 1               | 995374       | FAM     | EET EDI | 09/12/24 07:26       |
| Total/NA  | Prep       | 3546         |     |                 | 995290       | ARA     | EET EDI | 09/11/24 16:52       |
| Total/NA  | Analysis   | 8082A        |     | 1               | 995283       | AAA     | EET EDI | 09/12/24 02:32       |
| Total/NA  | Prep       | 3050B        |     |                 | 995181       | FBT     | EET EDI | 09/11/24 07:50       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 995268       | CDC     | EET EDI | 09/11/24 21:03       |
| Total/NA  | Prep       | 7471B        |     |                 | 996005       | TJS     | EET EDI | 09/16/24 00:42       |
| Total/NA  | Analysis   | 7471B        |     | 1               | 996065       | TJS     | EET EDI | 09/16/24 04:35       |

Eurofins Edison

# Lab Chronicle

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

**Client Sample ID: RXSB-9\_4-6**

**Date Collected: 09/09/24 14:10**

**Date Received: 09/10/24 18:30**

**Lab Sample ID: 460-311096-11**

**Matrix: Solid**

**Percent Solids: 98.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total/NA  | Prep       | 3060A        |     |                 | 996304       | MNP     | EET EDI | 09/17/24 10:16 - 09/17/24 11:16 <sup>1</sup> |
| Total/NA  | Analysis   | 7196A        |     | 1               | 996347       | MNP     | EET EDI | 09/17/24 14:50                               |
| Total/NA  | Prep       | 9012B        |     |                 | 995976       | VBG     | EET EDI | 09/15/24 14:31                               |
| Total/NA  | Analysis   | 9012B        |     | 1               | 996001       | VBG     | EET EDI | 09/15/24 17:29                               |

**Client Sample ID: DUP\_09092024**

**Date Collected: 09/09/24 12:00**

**Date Received: 09/10/24 18:30**

**Lab Sample ID: 460-311096-12**

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 7196A        |     | 1               | 995275       | TJW     | EET EDI | 09/12/24 12:25       |
| Total/NA  | Analysis   | Moisture     |     | 1               | 995077       | CJC     | EET EDI | 09/10/24 21:01       |

**Client Sample ID: DUP\_09092024**

**Date Collected: 09/09/24 12:00**

**Date Received: 09/10/24 18:30**

**Lab Sample ID: 460-311096-12**

**Matrix: Solid**

**Percent Solids: 97.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed                         |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------------------------------|
| Total/NA  | Prep       | 5035         |     |                 | 995140       | ERP     | EET EDI | 09/10/24 23:10                               |
| Total/NA  | Analysis   | 8260D        |     | 1               | 995292       | EMM     | EET EDI | 09/12/24 06:53                               |
| Total/NA  | Prep       | 3546         |     |                 | 995337       | GXY     | EET EDI | 09/11/24 20:42                               |
| Total/NA  | Analysis   | 8270E        |     | 1               | 995400       | DXD     | EET EDI | 09/12/24 16:02                               |
| Total/NA  | Prep       | 3546         |     |                 | 995291       | ARA     | EET EDI | 09/11/24 16:56                               |
| Total/NA  | Analysis   | 8081B        |     | 1               | 995374       | FAM     | EET EDI | 09/12/24 07:39                               |
| Total/NA  | Prep       | 3546         |     |                 | 995290       | ARA     | EET EDI | 09/11/24 16:52                               |
| Total/NA  | Analysis   | 8082A        |     | 1               | 995283       | AAA     | EET EDI | 09/12/24 02:49                               |
| Total/NA  | Prep       | 3050B        |     |                 | 995181       | FBT     | EET EDI | 09/11/24 07:50                               |
| Total/NA  | Analysis   | 6020B        |     | 1               | 995268       | CDC     | EET EDI | 09/11/24 21:08                               |
| Total/NA  | Prep       | 7471B        |     |                 | 996005       | TJS     | EET EDI | 09/16/24 00:42                               |
| Total/NA  | Analysis   | 7471B        |     | 1               | 996065       | TJS     | EET EDI | 09/16/24 04:37                               |
| Total/NA  | Prep       | 3060A        |     |                 | 996304       | MNP     | EET EDI | 09/17/24 10:16 - 09/17/24 11:16 <sup>1</sup> |
| Total/NA  | Analysis   | 7196A        |     | 1               | 996347       | MNP     | EET EDI | 09/17/24 14:50                               |
| Total/NA  | Prep       | 9012B        |     |                 | 995976       | VBG     | EET EDI | 09/15/24 14:31                               |
| Total/NA  | Analysis   | 9012B        |     | 1               | 996001       | VBG     | EET EDI | 09/15/24 17:30                               |

**Client Sample ID: TB\_09092024**

**Date Collected: 09/09/24 14:10**

**Date Received: 09/10/24 18:30**

**Lab Sample ID: 460-311096-13**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 995611       | SZD     | EET EDI | 09/13/24 09:16       |

<sup>1</sup> This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

## Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Eurofins Edison

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

Laboratory: Eurofins Edison

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

| Authority                                                                                                                                                                                             | Program     | Identification Number | Expiration Date    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------------|
| New York                                                                                                                                                                                              | NELAP       | 11452                 | 04-01-25           |
| The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification. |             |                       |                    |
| Analysis Method                                                                                                                                                                                       | Prep Method | Matrix                | Analyte            |
| 7196A                                                                                                                                                                                                 |             | Solid                 | Cr (III)           |
| 7196A                                                                                                                                                                                                 |             | Water                 | Cr (III)           |
| 8270E                                                                                                                                                                                                 | 3510C       | Water                 | 3 & 4 Methylphenol |
| 8270E                                                                                                                                                                                                 | 3546        | Solid                 | 3 & 4 Methylphenol |
| Moisture                                                                                                                                                                                              |             | Solid                 | Percent Moisture   |
| Moisture                                                                                                                                                                                              |             | Solid                 | Percent Solids     |

## Method Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

| Method   | Method Description                                     | Protocol | Laboratory |
|----------|--------------------------------------------------------|----------|------------|
| 8260D    | Volatile Organic Compounds by GC/MS                    | SW846    | EET EDI    |
| 8270E    | Semivolatile Organic Compounds (GC/MS)                 | SW846    | EET EDI    |
| 8081B    | Organochlorine Pesticides (GC)                         | SW846    | EET EDI    |
| 8082A    | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846    | EET EDI    |
| 6020B    | Metals (ICP/MS)                                        | SW846    | EET EDI    |
| 7470A    | Mercury (CVAA)                                         | SW846    | EET EDI    |
| 7471B    | Mercury (CVAA)                                         | SW846    | EET EDI    |
| 7196A    | Chromium, Hexavalent                                   | SW846    | EET EDI    |
| 7196A    | Chromium, Trivalent (Colorimetric)                     | SW846    | EET EDI    |
| 9012B    | Cyanide, Total and/or Amenable                         | SW846    | EET EDI    |
| Moisture | Percent Moisture                                       | EPA      | EET EDI    |
| 3005A    | Preparation, Total Recoverable or Dissolved Metals     | SW846    | EET EDI    |
| 3050B    | Preparation, Metals                                    | SW846    | EET EDI    |
| 3060A    | Alkaline Digestion (Chromium, Hexavalent)              | SW846    | EET EDI    |
| 3510C    | Liquid-Liquid Extraction (Separatory Funnel)           | SW846    | EET EDI    |
| 3546     | Microwave Extraction                                   | SW846    | EET EDI    |
| 5030C    | Purge and Trap                                         | SW846    | EET EDI    |
| 5035     | Closed System Purge and Trap                           | SW846    | EET EDI    |
| 7470A    | Preparation, Mercury                                   | SW846    | EET EDI    |
| 7471B    | Preparation, Mercury                                   | SW846    | EET EDI    |
| 9012B    | Cyanide, Total and/or Amenable, Distillation           | SW846    | EET EDI    |

### 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:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

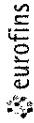
## Sample Summary

Client: Roux Environmental Eng & Geology DPC  
Project/Site: 2828 W 28th Street

Job ID: 460-311096-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 460-311096-1  | RXSB-5_0-2       | Solid  | 09/09/24 08:55 | 09/10/24 18:30 |
| 460-311096-2  | RXSB-5_4-6       | Solid  | 09/09/24 09:30 | 09/10/24 18:30 |
| 460-311096-3  | RXSB-10_0-2      | Solid  | 09/09/24 10:10 | 09/10/24 18:30 |
| 460-311096-4  | RXSB-10_4-6      | Solid  | 09/09/24 10:25 | 09/10/24 18:30 |
| 460-311096-5  | FB_09092024      | Water  | 09/09/24 11:35 | 09/10/24 18:30 |
| 460-311096-6  | RXSB-3_0-2       | Solid  | 09/09/24 12:25 | 09/10/24 18:30 |
| 460-311096-7  | RXSB-3_4-6       | Solid  | 09/09/24 12:30 | 09/10/24 18:30 |
| 460-311096-8  | RXSB-8_0-2       | Solid  | 09/09/24 13:20 | 09/10/24 18:30 |
| 460-311096-9  | RXSB-8_4-6       | Solid  | 09/09/24 13:25 | 09/10/24 18:30 |
| 460-311096-10 | RXSB-9_0-2       | Solid  | 09/09/24 14:05 | 09/10/24 18:30 |
| 460-311096-11 | RXSB-9_4-6       | Solid  | 09/09/24 14:10 | 09/10/24 18:30 |
| 460-311096-12 | DUP_09092024     | Solid  | 09/09/24 12:00 | 09/10/24 18:30 |
| 460-311096-13 | TB_09092024      | Water  | 09/09/24 14:10 | 09/10/24 18:30 |

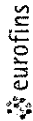
## Chain of Custody Record



Environment Test ing

|                                                          |  |                                                                                                                                                                                                                        |  |                                                                                     |  |                                                                                                                                |  |                                    |  |
|----------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------|--|
| Client Information                                       |  | Sampler: <b>EMERY LOVERAMP</b>                                                                                                                                                                                         |  | Lab PIV: <b>Flannery Elizabeth J</b>                                                |  | Carrier Tracking No(s): <b>460-185740-121802.1</b>                                                                             |  | COC No: <b>460-185740-121802.1</b> |  |
| Client Contact: <b>Lauren Dolginko</b>                   |  | Phone: <b>704-770-6813</b>                                                                                                                                                                                             |  | E-Mail: <b>Elizabeth.Flannery@eurofins.com</b>                                      |  | State of Origin:                                                                                                               |  | Page: <b>1 of 2</b>                |  |
| Company: <b>Roux Environmental Eng &amp; Geology LLC</b> |  | PWSID:                                                                                                                                                                                                                 |  | Analysis Requested                                                                  |  | Job #:                                                                                                                         |  | Preservation Codes:                |  |
| Address: <b>209 Shafter St</b>                           |  | Due Date Requested: <b>STANDARD</b>                                                                                                                                                                                    |  | Perform MS/MSD (Yes or No)                                                          |  | Total Number of Containers                                                                                                     |  | N None                             |  |
| City: <b>Islandia</b>                                    |  | TAT Requested (days): <b>Standard</b>                                                                                                                                                                                  |  | Field Filtered Sample (Yes or No)                                                   |  | 9012B Cyanide, Total                                                                                                           |  | A HCL                              |  |
| State, Zip: <b>NY 11749</b>                              |  | Compliance Project: <b>Δ Yes Δ No</b>                                                                                                                                                                                  |  | Sample Date                                                                         |  | 8270E Pesticides, 8082A-PCBs                                                                                                   |  | B NaOH                             |  |
| Phone: <b>631-232-2600</b>                               |  | PO #: <b>2828 W 28th Street</b>                                                                                                                                                                                        |  | Sample Time                                                                         |  | 6020B Part 375 Metals, 7196A-Hex Chromo, 7196A-CR3-Tri                                                                         |  | D HNO3                             |  |
| Email: <b>ldolginko@rouxinc.com</b>                      |  | W/O #: <b>2828 W 28th Street</b>                                                                                                                                                                                       |  | Preservation Code:                                                                  |  | 8260D - Part 375 VOCs                                                                                                          |  | Other                              |  |
| Project Name: <b>2828 W 28th Street</b>                  |  | Project #: <b>46044510</b>                                                                                                                                                                                             |  | Sample Date                                                                         |  | 8260D - Part 375 VOCs                                                                                                          |  | 311096                             |  |
| Site: <b>2828 W 28th St</b>                              |  | SSOW#:                                                                                                                                                                                                                 |  | Sample Date                                                                         |  | 8260D - Part 375 VOCs                                                                                                          |  | Special Instructions/Note:         |  |
| Sample Identification                                    |  | Sample Date                                                                                                                                                                                                            |  | Sample Time                                                                         |  | Sample Type (C=Comp, G=Grab)                                                                                                   |  | Matrix (Water, Solid, Other)       |  |
| PXSB-5-0-2                                               |  | 9/9/24                                                                                                                                                                                                                 |  | 0855                                                                                |  | G                                                                                                                              |  | S                                  |  |
| PXSB-5-4-6                                               |  | 9/9/24                                                                                                                                                                                                                 |  | 0930                                                                                |  | G                                                                                                                              |  | S                                  |  |
| PXSB-10-0-2                                              |  | 9/10/24                                                                                                                                                                                                                |  | 1010                                                                                |  | G                                                                                                                              |  | S                                  |  |
| PXSB-10-4-6                                              |  | 9/10/24                                                                                                                                                                                                                |  | 1025                                                                                |  | G                                                                                                                              |  | S                                  |  |
| PB-CMCM2024                                              |  | 9/10/24                                                                                                                                                                                                                |  | 1135                                                                                |  | W                                                                                                                              |  | S                                  |  |
| PXSB-3-0-2                                               |  | 9/10/24                                                                                                                                                                                                                |  | 1225                                                                                |  | S                                                                                                                              |  | S                                  |  |
| PXSB-3-4-6                                               |  | 9/10/24                                                                                                                                                                                                                |  | 1230                                                                                |  | S                                                                                                                              |  | S                                  |  |
| PXSB-8-0-2                                               |  | 9/10/24                                                                                                                                                                                                                |  | 1320                                                                                |  | S                                                                                                                              |  | S                                  |  |
| PXSB-8-4-6                                               |  | 9/10/24                                                                                                                                                                                                                |  | 1325                                                                                |  | S                                                                                                                              |  | S                                  |  |
| PXSB-9-0-2                                               |  | 9/10/24                                                                                                                                                                                                                |  | 1405                                                                                |  | S                                                                                                                              |  | S                                  |  |
| PXSB-9-4-6                                               |  | 9/10/24                                                                                                                                                                                                                |  | 1410                                                                                |  | S                                                                                                                              |  | S                                  |  |
| Possible Hazard Identification                           |  | Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological <input type="checkbox"/> |  | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) |  | Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months |  | 460-311096 Chain of Custody        |  |
| Deliverable Requested: I III IV Other (specify)          |  | Empty Kit Relinquished by                                                                                                                                                                                              |  | Date:                                                                               |  | Time:                                                                                                                          |  | Method of Shipment:                |  |
| Relinquished by: <b>[Signature]</b>                      |  | Date/Time: <b>9/10/24 1440</b>                                                                                                                                                                                         |  | Company: <b>Barx</b>                                                                |  | Received by: <b>[Signature]</b>                                                                                                |  | Date/Time: <b>9/10/24 14:00</b>    |  |
| Relinquished by: <b>[Signature]</b>                      |  | Date/Time: <b>9-10-24 18:30</b>                                                                                                                                                                                        |  | Company: <b>Barx</b>                                                                |  | Received by: <b>[Signature]</b>                                                                                                |  | Date/Time: <b>9/10/24 1830</b>     |  |
| Relinquished by: <b>[Signature]</b>                      |  | Date/Time:                                                                                                                                                                                                             |  | Company:                                                                            |  | Received by:                                                                                                                   |  | Date/Time:                         |  |
| Custody Seals Intact: <b>Δ Yes Δ No</b>                  |  | Custody Seal No.                                                                                                                                                                                                       |  | Cooler Temperature(s) °C and Other Remarks:                                         |  | Ver 05/06/2024                                                                                                                 |  |                                    |  |

Chain of Custody Record



frommer Testing

|                                                                                     |             |                                                            |                                 |                                             |
|-------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|---------------------------------|---------------------------------------------|
| Sampler<br><i>Empty container</i>                                                   |             | Lab Pkt:<br>Flannery Elizabeth J                           | Carrier Tracking No(s):         | COC No:<br>460-185740-121602.1              |
| Phone:<br>732-770-6813                                                              |             | E-Mail:<br>Elizabeth.Flannery@eurofins.com                 | State of Origin:                | Page: <i>2</i><br>Page # of <i>2</i>        |
| Company:<br>Roux Environmental Eng & Geology DPC                                    |             | Job #:                                                     |                                 |                                             |
| Address:<br>209 Shafter St                                                          |             | Analysis Requested                                         |                                 |                                             |
| City:<br>Islandia                                                                   |             | Preservation Codes:<br>N None<br>A HCL<br>B NaOH<br>D HNO3 |                                 |                                             |
| State/Zip:<br>NY 11749                                                              |             | Other:                                                     |                                 |                                             |
| Phone:<br>631-232-2600                                                              |             | Total Number of containers                                 |                                 |                                             |
| E-mail:<br>ldolinko@rouxinc.com                                                     |             | 311096                                                     |                                 |                                             |
| Project Name:<br>2828 W 28th Street                                                 |             | Special Instructions/Note                                  |                                 |                                             |
| Site:<br>2828 W 28th St                                                             |             |                                                            |                                 |                                             |
| Sample Identification                                                               | Sample Date | Sample Time                                                | Sample Type<br>(C=Comp, G=grab) | Matrix<br>(W=water, S=solid, O=on-site)     |
| DUP-04042024                                                                        | 9/9/24      | 1200                                                       | G                               | S                                           |
| TB-04042024                                                                         | 9/24/24     | —                                                          | —                               | W                                           |
| Perform MS/MSD (Yes or No)                                                          |             | Field Filtered Sample (Yes or No)                          |                                 | Preservation Code:                          |
| 8260D Part 375 VOCs                                                                 |             | N/A                                                        |                                 | X                                           |
| 6020B Part 375 Metals, 7196A-Hex Chrome, 7196A-CR3-Tri Chrome, 7471B                |             | X                                                          |                                 | X                                           |
| 8270E Part 375 BNAs                                                                 |             | X                                                          |                                 | X                                           |
| 8081B Pesticides, 8082A-PCBs                                                        |             | X                                                          |                                 | X                                           |
| 9012B Cyanide, Total                                                                |             | N/B                                                        |                                 | X                                           |
| Total Number of containers                                                          |             | 3                                                          |                                 | 2                                           |
| Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) |             | Return To Client                                           |                                 | Archive For                                 |
| Deliverable Requested I, II, III, IV Other (specify)                                |             | Special Instructions/QC Requirements:                      |                                 | Months                                      |
| Empty Kit Relinquished by                                                           |             | Date:                                                      |                                 | Method of Shipment:                         |
| Relinquished by:                                                                    |             | Date/Time:                                                 |                                 | Company:                                    |
| Relinquished by:                                                                    |             | Date/Time:                                                 |                                 | Company:                                    |
| Relinquished by:                                                                    |             | Date/Time:                                                 |                                 | Company:                                    |
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No      |             | Custody Seal No.                                           |                                 | Cooler Temperature(s) °C and Other Remarks: |

NO fees for the 0.9/1.1

Job Number:

### Number of Coolers:

**IR Gun #**

## Cooler Temperatures

| RAW        |           | CORRECTED  |           |
|------------|-----------|------------|-----------|
| RAW        | CORRECTED | RAW        | CORRECTED |
| Cooler #1: | 0.97°C    | Cooler #4: | 0°C       |
| Cooler #2: | 0°C       | Cooler #5: | 0°C       |
| Cooler #3: | 0°C       | Cooler #6: | 0°C       |
|            |           | Cooler #7: | 0°C       |
|            |           | Cooler #8: | 0°C       |
|            |           | Cooler #9: | 0°C       |

[illegible]

**If pH adjustments are required record the information below:**

**Sample No(s). adjusted.**

Preservative Name/Conc.

Volume of Preservative used (ml)

Lot # of Preservative(s)

**Expiration Date:**

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.**

EDS-WI-038, Rev 4.1  
10/22/2019

**Initials.**

Date 9-20-25

## Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-311096-1

Login Number: 311096

List Number: 1

Creator: Nelson, Rose E

List Source: Eurofins Edison

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