

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25                     |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25                     |
| Client Sample ID:  | SMALL-PILE-A                          | SDG No.:        | Q1936                        |
| Lab Sample ID:     | Q1936-02                              | Matrix:         | Solid                        |
| Analytical Method: | NJEPH                                 | % Solid:        | 91                           |
| Sample Wt/Vol:     | 30.06      Units:    g                | Final Vol:      | 2000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | EPH_NF                       |
| Prep Method :      |                                       |                 |                              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 05/05/25 09:05 | 05/05/25 14:14  | PB167855      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 1.29  | U         | 1        | 1.29 | 2.19       | mg/kg             | FE053641.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 1.00  | U         | 1        | 1.00 | 4.39       | mg/kg             | FE053641.D |
| Total AliphaticEPH | Total AliphaticEPH | 2.29  | U         |          | 2.29 | 6.58       | mg/kg             |            |
| Total EPH          | Total EPH          | 2.29  | U         |          | 2.29 | 6.58       | mg/kg             |            |

\* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

## Report of Analysis

|                    |                                       |                 |                      |
|--------------------|---------------------------------------|-----------------|----------------------|
| Client:            | Saxton Falls Sand and Gravel Co. Inc. | Date Collected: | 05/01/25             |
| Project:           | Stan Hope                             | Date Received:  | 05/01/25             |
| Client Sample ID:  | SMALL-PILE-A                          | SDG No.:        | Q1936                |
| Lab Sample ID:     | Q1936-02                              | Matrix:         | Solid                |
| Analytical Method: | NJEPH                                 | % Solid:        | 91                   |
| Sample Wt/Vol:     | 30.06      Units:    g                | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | EPH_NF               |
| Prep Method :      |                                       |                 |                      |

|            |           |             |                 |               |
|------------|-----------|-------------|-----------------|---------------|
| File ID :  | Dilution: | Prep Date : | Date Analyzed : | Prep Batch ID |
| FE053641.D | 1         | 05/05/25    | 05/05/25        | PB167855      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 1.00  | U         | 1.00     | 4.39       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 1.29  | U         | 1.29     | 2.19       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 35.3  |           | 40 - 140 | 71%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 34.8  |           | 40 - 140 | 70%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |              |                    |                   |
|-------------------|--------------|--------------------|-------------------|
| Lab Sample ID:    | Q1936-02     | Acq On:            | 05 May 2025 14:14 |
| Client Sample ID: | SMALL-PILE-A | Operator:          | YP\AJ             |
| Data file:        | FE053641.D   | Misc:              |                   |
| Instrument:       | FID_E        | ALS Vial:          | 6                 |
| Dilution Factor:  | 1            | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc   | highest_standard | Units |
|---------------------------|--------|--------|----------|--------|------------------|-------|
| Aliphatic C9-C12          | 3.112  | 6.755  | 337834   | 2.438  | 300              | ug/ml |
| Aliphatic C12-C16         | 6.756  | 10.204 | 828499   | 5.842  | 200              | ug/ml |
| Aliphatic C16-C21         | 10.205 | 13.579 | 303441   | 2.087  | 300              | ug/ml |
| Aliphatic C21-C28         | 13.580 | 17.249 | 448404   | 3.154  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.250 | 22.140 | 186549   | 1.446  | 600              | ug/ml |
| Aliphatic EPH             | 3.112  | 22.140 | 2104727  | 14.968 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.865 | 11.865 | 6279475  | 34.82  |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.310 | 13.310 | 4771711  | 35.3   |                  | ug/ml |
| Aliphatic C9-C28          | 3.112  | 17.249 | 1918178  | 13.521 | 1200             | ug/ml |