

## Report of Analysis

|                    |                                    |                 |         |
|--------------------|------------------------------------|-----------------|---------|
| Client:            | Walsh Construction Company II, LLC | Date Collected: |         |
| Project:           | Walsh CO-032 Sampling              | Date Received:  |         |
| Client Sample ID:  | MH-JJMS                            | SDG No.:        | Q1907   |
| Lab Sample ID:     | Q1917-01MS                         | Matrix:         | Solid   |
| Analytical Method: | NJEPH                              | % Solid:        | 88      |
| 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 |
| 05/01/25 08:45 | 05/01/25 16:33  | PB167819      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 38.4  |           | 1        | 1.34 | 2.27       | mg/kg             | FC068735.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 102   | E         | 1        | 1.03 | 4.53       | mg/kg             | FC068735.D |
| Total AliphaticEPH | Total AliphaticEPH | 141   |           |          | 2.37 | 6.80       | mg/kg             |            |
| Total EPH          | Total EPH          | 141   |           |          | 2.37 | 6.80       | 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

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| Lab Sample ID:     | Q1917-01MS                         | Matrix:         | Solid                |
| Analytical Method: | NJEPH                              | % Solid:        | 88                   |
| 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 |
| FC068735.D | 1         | 05/01/25    | 05/01/25        | PB167819      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 102   | E         | 1.03     | 4.53       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 38.4  |           | 1.34     | 2.27       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 28.9  |           | 40 - 140 | 58%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 27.2  |           | 40 - 140 | 54%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q1917-01MS | Acq On:            | 01 May 2025 16:33 |
| Client Sample ID: | MH-JJMS    | Operator:          | YP/AJ             |
| Data file:        | FC068735.D | Misc:              |                   |
| Instrument:       | FID_C      | ALS Vial:          | 16                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response  | Conc    | highest_standard | Units |
|---------------------------|--------|--------|-----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.343  | 6.644  | 21759021  | 206.674 | 300              | ug/ml |
| Aliphatic C12-C16         | 6.645  | 10.046 | 30514729  | 298.221 | 200              | ug/ml |
| Aliphatic C16-C21         | 10.047 | 13.414 | 36577899  | 370.16  | 300              | ug/ml |
| Aliphatic C21-C28         | 13.415 | 17.079 | 45245521  | 480.388 | 400              | ug/ml |
| Aliphatic C28-C40         | 17.080 | 22.084 | 45595840  | 507.281 | 600              | ug/ml |
| Aliphatic EPH             | 3.343  | 22.084 | 179693010 | 1860    |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.715 | 11.715 | 3466705   | 27.22   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.149 | 13.149 | 2687832   | 28.93   |                  | ug/ml |
| Aliphatic C9-C28          | 3.343  | 17.079 | 134097170 | 1360    | 1200             | ug/ml |