



A

B

C

# SAMPLE DATA

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            | Earth Engineering Inc. | Date Collected: | 07/17/25                     |
| Project:           | Leon Avenue            | Date Received:  | 07/18/25                     |
| Client Sample ID:  | MH 2-1                 | SDG No.:        | Q2651                        |
| Lab Sample ID:     | Q2651-01               | Matrix:         | Solid                        |
| Analytical Method: | NJEPH                  | % Solid:        | 94.5                         |
| Sample Wt/Vol:     | 30.09      Units:    g | Final Vol:      | 2000                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           | EPH_NF                       |
| Prep Method :      |                        |                 |                              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 07/21/25 09:00 | 07/21/25 17:34  | PB168930      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 11.7  |           | 1        | 1.24 | 2.11       | mg/kg             | FE054945.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 4.89  |           | 1        | 0.96 | 4.23       | mg/kg             | FE054945.D |
| Total AliphaticEPH | Total AliphaticEPH | 16.6  |           |          | 2.20 | 6.34       | mg/kg             |            |
| Total EPH          | Total EPH          | 16.6  |           |          | 2.20 | 6.34       | 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:            | Earth Engineering Inc. | Date Collected: | 07/17/25             |
| Project:           | Leon Avenue            | Date Received:  | 07/18/25             |
| Client Sample ID:  | MH 2-1                 | SDG No.:        | Q2651                |
| Lab Sample ID:     | Q2651-01               | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 94.5                 |
| Sample Wt/Vol:     | 30.09      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 |
| FE054945.D | 1         | 07/21/25    | 07/21/25        | PB168930      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 4.89  |           | 0.96     | 4.23       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 11.7  |           | 1.24     | 2.11       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 22.9  |           | 40 - 140 | 46%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 22.6  |           | 40 - 140 | 45%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q2651-01   | Acq On:            | 21 Jul 2025 17:34 |
| Client Sample ID: | MH 2-1     | Operator:          | YP\AJ             |
| Data file:        | FE054945.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 19                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.330  | 6.963  | 3080565  | 22.642  | 300              | ug/ml |
| Aliphatic C12-C16         | 6.964  | 10.415 | 1434704  | 10.206  | 200              | ug/ml |
| Aliphatic C16-C21         | 10.416 | 13.793 | 1273485  | 8.82    | 300              | ug/ml |
| Aliphatic C21-C28         | 13.794 | 17.463 | 4023636  | 27.816  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.464 | 22.490 | 23108376 | 166.67  | 600              | ug/ml |
| Aliphatic EPH             | 3.330  | 22.490 | 32920766 | 236.154 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 12.089 | 12.089 | 3662606  | 22.55   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.525 | 13.525 | 2886154  | 22.85   |                  | ug/ml |
| Aliphatic C9-C28          | 3.330  | 17.463 | 9812390  | 69.484  | 1200             | ug/ml |

## Report of Analysis

|                    |                        |                 |              |
|--------------------|------------------------|-----------------|--------------|
| Client:            | Earth Engineering Inc. | Date Collected: | 07/17/25     |
| Project:           | Leon Avenue            | Date Received:  | 07/18/25     |
| Client Sample ID:  | MH 6-5                 | SDG No.:        | Q2651        |
| Lab Sample ID:     | Q2651-02               | Matrix:         | Solid        |
| Analytical Method: | NJEPH                  | % Solid:        | 93.8         |
| Sample Wt/Vol:     | 30.07      Units: g    | Final Vol:      | 2000      uL |
| Soil Aliquot Vol:  | uL                     | Test:           | EPH_NF       |
| Prep Method :      |                        |                 |              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 07/21/25 09:00 | 07/22/25 9:24   | PB168930      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 17.8  |           | 1        | 1.26 | 2.13       | mg/kg             | FE054955.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 2.13  | J         | 1        | 0.97 | 4.25       | mg/kg             | FE054955.D |
| Total AliphaticEPH | Total AliphaticEPH | 19.9  |           |          | 2.23 | 6.38       | mg/kg             |            |
| Total EPH          | Total EPH          | 19.9  |           |          | 2.23 | 6.38       | 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:            | Earth Engineering Inc. | Date Collected: | 07/17/25             |
| Project:           | Leon Avenue            | Date Received:  | 07/18/25             |
| Client Sample ID:  | MH 6-5                 | SDG No.:        | Q2651                |
| Lab Sample ID:     | Q2651-02               | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 93.8                 |
| Sample Wt/Vol:     | 30.07      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 |
| FE054955.D | 1         | 07/21/25    | 07/22/25        | PB168930      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 2.13  | J         | 0.97     | 4.25       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 17.8  |           | 1.26     | 2.13       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 23.0  |           | 40 - 140 | 46%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 26.0  |           | 40 - 140 | 52%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q2651-02   | Acq On:            | 22 Jul 2025 09:24 |
| Client Sample ID: | MH 6-5     | Operator:          | YP\AJ             |
| Data file:        | FE054955.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 11                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.325  | 6.960  | 363690   | 2.673   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.961  | 10.412 | 864727   | 6.152   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.413 | 13.791 | 1243564  | 8.612   | 300              | ug/ml |
| Aliphatic C21-C28         | 13.792 | 17.461 | 1816024  | 12.554  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.462 | 22.488 | 34816053 | 251.112 | 600              | ug/ml |
| Aliphatic EPH             | 3.325  | 22.488 | 39104058 | 281.104 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 12.093 | 12.093 | 4222881  | 26      |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.528 | 13.528 | 2900289  | 22.96   |                  | ug/ml |
| Aliphatic C9-C28          | 3.325  | 17.461 | 4288005  | 29.991  | 1200             | ug/ml |

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            | Earth Engineering Inc. | Date Collected: | 07/17/25             |
| Project:           | Leon Avenue            | Date Received:  | 07/18/25             |
| Client Sample ID:  | MH 7-6                 | SDG No.:        | Q2651                |
| Lab Sample ID:     | Q2651-03               | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 93.9                 |
| Sample Wt/Vol:     | 30.03      Units:    g | Final Vol:      | 2000              uL |
| Soil Aliquot Vol:  | uL                     | Test:           | EPH_NF               |
| Prep Method :      |                        |                 |                      |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 07/21/25 09:00 | 07/21/25 18:35  | PB168930      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 12.9  |           | 1        | 1.26 | 2.13       | mg/kg             | FE054947.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 2.03  | J         | 1        | 0.97 | 4.25       | mg/kg             | FE054947.D |
| Total AliphaticEPH | Total AliphaticEPH | 14.9  |           |          | 2.23 | 6.38       | mg/kg             |            |
| Total EPH          | Total EPH          | 14.9  |           |          | 2.23 | 6.38       | 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:            | Earth Engineering Inc. | Date Collected: | 07/17/25             |
| Project:           | Leon Avenue            | Date Received:  | 07/18/25             |
| Client Sample ID:  | MH 7-6                 | SDG No.:        | Q2651                |
| Lab Sample ID:     | Q2651-03               | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 93.9                 |
| Sample Wt/Vol:     | 30.03      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 |
| FE054947.D | 1         | 07/21/25    | 07/21/25        | PB168930      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 2.03  | J         | 0.97     | 4.25       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 12.9  |           | 1.26     | 2.13       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 24.7  |           | 40 - 140 | 49%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 24.2  |           | 40 - 140 | 48%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q2651-03   | Acq On:            | 21 Jul 2025 18:35 |
| Client Sample ID: | MH 7-6     | Operator:          | YP\AJ             |
| Data file:        | FE054947.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 21                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.330  | 6.963  | 428669   | 3.151   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.964  | 10.415 | 661265   | 4.704   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.416 | 13.793 | 1394328  | 9.656   | 300              | ug/ml |
| Aliphatic C21-C28         | 13.794 | 17.463 | 1611743  | 11.142  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.464 | 22.490 | 25232049 | 181.987 | 600              | ug/ml |
| Aliphatic EPH             | 3.330  | 22.490 | 29328054 | 210.641 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 12.089 | 12.089 | 3934789  | 24.23   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.526 | 13.526 | 3115524  | 24.67   |                  | ug/ml |
| Aliphatic C9-C28          | 3.330  | 17.463 | 4096005  | 28.653  | 1200             | ug/ml |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            | Earth Engineering Inc. | Date Collected: | 07/17/25                     |
| Project:           | Leon Avenue            | Date Received:  | 07/18/25                     |
| Client Sample ID:  | MH 8-7                 | SDG No.:        | Q2651                        |
| Lab Sample ID:     | Q2651-04               | Matrix:         | Solid                        |
| Analytical Method: | NJEPH                  | % Solid:        | 94.6                         |
| 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 |
| 07/21/25 09:00 | 07/21/25 19:05  | PB168930      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 11.5  |           | 1        | 1.24 | 2.11       | mg/kg             | FE054948.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 0.98  | J         | 1        | 0.96 | 4.21       | mg/kg             | FE054948.D |
| Total AliphaticEPH | Total AliphaticEPH | 12.5  |           |          | 2.20 | 6.32       | mg/kg             |            |
| Total EPH          | Total EPH          | 12.5  |           |          | 2.20 | 6.32       | 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:            | Earth Engineering Inc. | Date Collected: | 07/17/25             |
| Project:           | Leon Avenue            | Date Received:  | 07/18/25             |
| Client Sample ID:  | MH 8-7                 | SDG No.:        | Q2651                |
| Lab Sample ID:     | Q2651-04               | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 94.6                 |
| 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 |
| FE054948.D | 1         | 07/21/25    | 07/21/25        | PB168930      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 0.98  | J         | 0.96     | 4.21       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 11.5  |           | 1.24     | 2.11       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 20.0  |           | 40 - 140 | 40%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 20.0  |           | 40 - 140 | 40%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q2651-04   | Acq On:            | 21 Jul 2025 19:05 |
| Client Sample ID: | MH 8-7     | Operator:          | YP\AJ             |
| Data file:        | FE054948.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 22                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.330  | 6.963  | 462456   | 3.399   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.964  | 10.415 | 568400   | 4.044   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.416 | 13.793 | 934363   | 6.471   | 300              | ug/ml |
| Aliphatic C21-C28         | 13.794 | 17.463 | 1089068  | 7.529   | 400              | ug/ml |
| Aliphatic C28-C40         | 17.464 | 22.490 | 22597503 | 162.985 | 600              | ug/ml |
| Aliphatic EPH             | 3.330  | 22.490 | 25651790 | 184.428 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 12.088 | 12.088 | 3254229  | 20.04   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.524 | 13.524 | 2528230  | 20.02   |                  | ug/ml |
| Aliphatic C9-C28          | 3.330  | 17.463 | 3054287  | 21.443  | 1200             | ug/ml |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            | Earth Engineering Inc. | Date Collected: | 07/17/25                     |
| Project:           | Leon Avenue            | Date Received:  | 07/18/25                     |
| Client Sample ID:  | MH 9-8                 | SDG No.:        | Q2651                        |
| Lab Sample ID:     | Q2651-05               | Matrix:         | Solid                        |
| Analytical Method: | NJEPH                  | % Solid:        | 92.9                         |
| Sample Wt/Vol:     | 30.08      Units:    g | Final Vol:      | 2000                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           | EPH_NF                       |
| Prep Method :      |                        |                 |                              |

|                |                 |               |
|----------------|-----------------|---------------|
| Prep Date :    | Date Analyzed : | Prep Batch ID |
| 07/21/25 09:00 | 07/22/25 9:54   | PB168930      |

Datafile

| CAS Number         | Parameter          | Conc. | Qualifier | Dilution | MDL  | LOQ / CRQL | Units(Dry Weight) |            |
|--------------------|--------------------|-------|-----------|----------|------|------------|-------------------|------------|
| <b>TARGETS</b>     |                    |       |           |          |      |            |                   |            |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 25.2  |           | 1        | 1.27 | 2.15       | mg/kg             | FE054956.D |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 2.24  | J         | 1        | 0.98 | 4.29       | mg/kg             | FE054956.D |
| Total AliphaticEPH | Total AliphaticEPH | 27.4  |           |          | 2.25 | 6.44       | mg/kg             |            |
| Total EPH          | Total EPH          | 27.4  |           |          | 2.25 | 6.44       | 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:            | Earth Engineering Inc. | Date Collected: | 07/17/25             |
| Project:           | Leon Avenue            | Date Received:  | 07/18/25             |
| Client Sample ID:  | MH 9-8                 | SDG No.:        | Q2651                |
| Lab Sample ID:     | Q2651-05               | Matrix:         | Solid                |
| Analytical Method: | NJEPH                  | % Solid:        | 92.9                 |
| Sample Wt/Vol:     | 30.08      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 |
| FE054956.D | 1         | 07/21/25    | 07/22/25        | PB168930      |

| CAS Number        | Parameter                 | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|---------------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                           |       |           |          |            |         |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 2.24  | J         | 0.98     | 4.29       | mg/kg   |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 25.2  |           | 1.27     | 2.15       | mg/kg   |
| <b>SURROGATES</b> |                           |       |           |          |            |         |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 36.8  |           | 40 - 140 | 74%        | SPK: 50 |
| 84-15-1           | ortho-Terphenyl (SURR)    | 34.9  |           | 40 - 140 | 70%        | SPK: 50 |

## Quantitation Report For Aliphatic EPH Range.

|                   |            |                    |                   |
|-------------------|------------|--------------------|-------------------|
| Lab Sample ID:    | Q2651-05   | Acq On:            | 22 Jul 2025 09:54 |
| Client Sample ID: | MH 9-8     | Operator:          | YP\AJ             |
| Data file:        | FE054956.D | Misc:              |                   |
| Instrument:       | FID_E      | ALS Vial:          | 12                |
| Dilution Factor:  | 1          | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.325  | 6.960  | 415192   | 3.052   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.961  | 10.412 | 723703   | 5.148   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.413 | 13.791 | 1286154  | 8.907   | 300              | ug/ml |
| Aliphatic C21-C28         | 13.792 | 17.461 | 2058108  | 14.228  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.462 | 22.488 | 48861337 | 352.414 | 600              | ug/ml |
| Aliphatic EPH             | 3.325  | 22.488 | 53344494 | 383.75  |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 12.090 | 12.090 | 5674282  | 34.94   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.526 | 13.526 | 4640870  | 36.75   |                  | ug/ml |
| Aliphatic C9-C28          | 3.325  | 17.461 | 4483157  | 31.335  | 1200             | ug/ml |



## LAB CHRONICLE

|                 |                        |                   |                      |
|-----------------|------------------------|-------------------|----------------------|
| <b>OrderID:</b> | Q2651                  | <b>OrderDate:</b> | 7/18/2025 2:29:11 PM |
| <b>Client:</b>  | Earth Engineering Inc. | <b>Project:</b>   | Leon Avenue          |
| <b>Contact:</b> | Frank Dougherty, LSRP  | <b>Location:</b>  | O22                  |

| LabID    | ClientID | Matrix | Test          | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|----------|--------|---------------|--------|-------------|-----------|-----------|----------|
| Q2651-01 | MH 2-1   | SOIL   |               |        | 07/17/25    |           |           | 07/18/25 |
|          |          |        | PCB           | 8082A  |             | 07/22/25  | 07/23/25  |          |
|          |          |        | Pesticide-TCL | 8081B  |             | 07/21/25  | 07/21/25  |          |
|          |          |        | EPH_NF        | NJEPH  |             | 07/21/25  | 07/21/25  |          |
| Q2651-02 | MH 6-5   | SOIL   |               |        | 07/17/25    |           |           | 07/18/25 |
|          |          |        | PCB           | 8082A  |             | 07/22/25  | 07/23/25  |          |
|          |          |        | Pesticide-TCL | 8081B  |             | 07/21/25  | 07/21/25  |          |
|          |          |        | EPH_NF        | NJEPH  |             | 07/21/25  | 07/22/25  |          |
| Q2651-03 | MH 7-6   | SOIL   |               |        | 07/17/25    |           |           | 07/18/25 |
|          |          |        | PCB           | 8082A  |             | 07/22/25  | 07/23/25  |          |
|          |          |        | Pesticide-TCL | 8081B  |             | 07/21/25  | 07/21/25  |          |
|          |          |        | EPH_NF        | NJEPH  |             | 07/21/25  | 07/21/25  |          |
| Q2651-04 | MH 8-7   | SOIL   |               |        | 07/17/25    |           |           | 07/18/25 |
|          |          |        | PCB           | 8082A  |             | 07/22/25  | 07/23/25  |          |
|          |          |        | Pesticide-TCL | 8081B  |             | 07/21/25  | 07/21/25  |          |
|          |          |        | EPH_NF        | NJEPH  |             | 07/21/25  | 07/21/25  |          |
| Q2651-05 | MH 9-8   | SOIL   |               |        | 07/17/25    |           |           | 07/18/25 |
|          |          |        | PCB           | 8082A  |             | 07/22/25  | 07/23/25  |          |
|          |          |        | Pesticide-TCL | 8081B  |             | 07/21/25  | 07/21/25  |          |
|          |          |        | EPH_NF        | NJEPH  |             | 07/21/25  | 07/22/25  |          |