

## Report of Analysis

|                    |                          |                 |          |
|--------------------|--------------------------|-----------------|----------|
| Client:            | HDR, Inc.                | Date Collected: | 10/23/25 |
| Project:           | PVWC Linear Construction | Date Received:  | 10/24/25 |
| Client Sample ID:  | B8-0.0-1.0-20251023      | SDG No.:        | Q3466    |
| Lab Sample ID:     | Q3466-02                 | Matrix:         | Solid    |
| Analytical Method: | NJEPH                    | % Solid:        | 85.3     |
| Sample Wt/Vol:     | 30.05 g                  | Test:           | EPH_NF   |
| Prep Method :      |                          | Final Vol:      | 2000 uL  |
|                    |                          | Prep Date :     | 10/28/25 |

| CAS Number         | Parameter          | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Datafile   | Date Ana.      | Prep BatchID |
|--------------------|--------------------|-------|------|----|------|------------|-------|------------|----------------|--------------|
| <b>TARGETS</b>     |                    |       |      |    |      |            |       |            |                |              |
| Aliphatic C28-C40  | Aliphatic C28-C40  | 28.4  |      | 1  | 1.38 | 2.34       | mg/kg | FE056540.D | 10/28/25 15:24 | PB170266     |
| Aliphatic C9-C28   | Aliphatic C9-C28   | 6.97  |      | 1  | 1.06 | 4.68       | mg/kg | FE056540.D | 10/28/25 15:24 | PB170266     |
| Total AliphaticEPH | Total AliphaticEPH | 35.4  |      |    | 2.44 | 7.02       | mg/kg |            |                |              |
| Total EPH          | Total EPH          | 35.4  |      |    | 2.44 | 7.02       | 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:            | HDR, Inc.                | Date Collected: | 10/23/25 |
| Project:           | PVWC Linear Construction | Date Received:  | 10/24/25 |
| Client Sample ID:  | B8-0.0-1.0-20251023      | SDG No.:        | Q3466    |
| Lab Sample ID:     | Q3466-02                 | Matrix:         | Solid    |
| Analytical Method: | NJEPH                    | % Solid:        | 85.3     |
| Sample Wt/Vol:     | 30.05 g                  | Final Vol:      | 2000 uL  |
| Prep Method :      |                          | Prep Date       | 10/28/25 |
|                    |                          | Test:           | EPH_NF   |

| CAS Number        | Parameter                 | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana. | Prep BatchID |
|-------------------|---------------------------|-------|------|----|----------|------------|---------|-----------|--------------|
| <b>TARGETS</b>    |                           |       |      |    |          |            |         |           |              |
| Aliphatic C9-C28  | Aliphatic C9-C28          | 6.97  | 1    |    | 1.06     | 4.68       | mg/kg   | 10/28/25  | PB170266     |
| Aliphatic C28-C40 | Aliphatic C28-C40         | 28.4  | 1    |    | 1.38     | 2.34       | mg/kg   | 10/28/25  | PB170266     |
| <b>SURROGATES</b> |                           |       |      |    |          |            |         |           |              |
| 3383-33-2         | 1-chlorooctadecane (SURR) | 26.8  |      |    | 40 - 140 | 54%        | SPK: 50 |           |              |
| 84-15-1           | ortho-Terphenyl (SURR)    | 26.0  |      |    | 40 - 140 | 52%        | SPK: 50 |           |              |

## Quantitation Report For Aliphatic EPH Range.

|                   |                     |                    |                   |
|-------------------|---------------------|--------------------|-------------------|
| Lab Sample ID:    | Q3466-02            | Acq On:            | 28 Oct 2025 15:24 |
| Client Sample ID: | B8-0.0-1.0-20251023 | Operator:          | YP\AJ             |
| Data file:        | FE056540.D          | Misc:              |                   |
| Instrument:       | FID_E               | ALS Vial:          | 15                |
| Dilution Factor:  | 1                   | Sample Multiplier: | 1.00              |

| Compound                  | R.T.   |        | Response | Conc    | highest_standard | Units |
|---------------------------|--------|--------|----------|---------|------------------|-------|
| Aliphatic C9-C12          | 3.240  | 6.866  | 418631   | 2.536   | 300              | ug/ml |
| Aliphatic C12-C16         | 6.867  | 10.314 | 1625526  | 9.531   | 200              | ug/ml |
| Aliphatic C16-C21         | 10.315 | 13.690 | 8054238  | 45.087  | 300              | ug/ml |
| Aliphatic C21-C28         | 13.691 | 17.361 | 5752880  | 32.123  | 400              | ug/ml |
| Aliphatic C28-C40         | 17.362 | 22.315 | 50437749 | 363.377 | 600              | ug/ml |
| Aliphatic EPH             | 3.240  | 22.315 | 66289024 | 452.654 |                  | ug/ml |
| ortho-Terphenyl (SURR)    | 11.986 | 11.986 | 5304696  | 25.97   |                  | ug/ml |
| 1-chlorooctadecane (SURR) | 13.426 | 13.426 | 4090797  | 26.81   |                  | ug/ml |
| Aliphatic C9-C28          | 3.240  | 17.361 | 15851275 | 89.277  | 1200             | ug/ml |