

## Report of Analysis

|                    |                                            |                 |          |
|--------------------|--------------------------------------------|-----------------|----------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected: | 07/01/25 |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:  | 07/01/25 |
| Client Sample ID:  | G4(1.5)                                    | SDG No.:        | Q2487    |
| Lab Sample ID:     | Q2487-17                                   | Matrix:         | Water    |
| Analytical Method: | 8260D                                      | % Solid:        | 0        |
| Sample Wt/Vol:     | 5 Units: mL                                | Final Vol:      | 5000 uL  |
| Soil Aliquot Vol:  | uL                                         | Test:           | SPLP VOA |
| GC Column:         | RXI-624 ID : 0.25                          | Level :         | LOW      |
| Prep Method :      |                                            |                 |          |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VN087267.D        | 1         | 07/03/25 13:42 | VN070325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.22  | U         | 0.22 | 5.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.32  | U         | 0.32 | 5.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.26  | U         | 0.26 | 5.00       | ug/L  |
| 141-78-6       | Ethyl Acetate                  | 0.31  | U         | 0.31 | 5.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 1.40  | U         | 1.40 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.47  | U         | 0.47 | 5.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.33  | U         | 0.33 | 5.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.25  | U         | 0.25 | 5.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.23  | U         | 0.23 | 5.00       | ug/L  |
| 107-02-8       | Acrolein                       | 7.10  | U         | 7.10 | 25.0       | ug/L  |
| 107-13-1       | Acrylonitrile                  | 0.83  | U         | 0.83 | 25.0       | ug/L  |
| 67-64-1        | Acetone                        | 40.8  |           | 1.50 | 25.0       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.21  | U         | 0.21 | 5.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.16  | U         | 0.16 | 5.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.27  | U         | 0.27 | 5.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 2.20  | J         | 0.28 | 5.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.23  | U         | 0.23 | 5.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.23  | U         | 0.23 | 5.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 1.50  | U         | 1.50 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 5.90  | J         | 0.98 | 25.0       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.25  | U         | 0.25 | 5.00       | ug/L  |
| 594-20-7       | 2,2-Dichloropropane            | 0.21  | U         | 0.21 | 5.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.19  | U         | 0.19 | 5.00       | ug/L  |
| 74-97-5        | Bromochloromethane             | 0.22  | U         | 0.22 | 5.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.25  | U         | 0.25 | 5.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.20  | U         | 0.20 | 5.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.16  | U         | 0.16 | 5.00       | ug/L  |
| 563-58-6       | 1,1-Dichloropropene            | 0.15  | U         | 0.15 | 5.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.15  | U         | 0.15 | 5.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.22  | U         | 0.22 | 5.00       | ug/L  |

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| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:  | 07/01/25 |
| Client Sample ID:  | G4(1.5)                                    | SDG No.:        | Q2487    |
| Lab Sample ID:     | Q2487-17                                   | Matrix:         | Water    |
| Analytical Method: | 8260D                                      | % Solid:        | 0        |
| Sample Wt/Vol:     | 5 Units: mL                                | Final Vol:      | 5000 uL  |
| Soil Aliquot Vol:  | uL                                         | Test:           | SPLP VOA |
| GC Column:         | RXI-624 ID : 0.25                          | Level :         | LOW      |
| Prep Method :      |                                            |                 |          |

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| VN087267.D        | 1         | 07/03/25 13:42 | VN070325      |

| CAS Number  | Parameter                 | Conc. | Qualifier | MDL   | LOQ / CRQL | Units |
|-------------|---------------------------|-------|-----------|-------|------------|-------|
| 79-01-6     | Trichloroethene           | 0.090 | U         | 0.090 | 5.00       | ug/L  |
| 78-87-5     | 1,2-Dichloropropane       | 0.20  | U         | 0.20  | 5.00       | ug/L  |
| 74-95-3     | Dibromomethane            | 0.25  | U         | 0.25  | 5.00       | ug/L  |
| 75-27-4     | Bromodichloromethane      | 0.22  | U         | 0.22  | 5.00       | ug/L  |
| 108-10-1    | 4-Methyl-2-Pentanone      | 0.68  | U         | 0.68  | 25.0       | ug/L  |
| 108-88-3    | Toluene                   | 0.14  | U         | 0.14  | 5.00       | ug/L  |
| 10061-02-6  | t-1,3-Dichloropropene     | 0.17  | U         | 0.17  | 5.00       | ug/L  |
| 10061-01-5  | cis-1,3-Dichloropropene   | 0.16  | U         | 0.16  | 5.00       | ug/L  |
| 79-00-5     | 1,1,2-Trichloroethane     | 0.21  | U         | 0.21  | 5.00       | ug/L  |
| 142-28-9    | 1,3-Dichloropropane       | 0.19  | U         | 0.19  | 5.00       | ug/L  |
| 110-75-8    | 2-Chloroethyl Vinyl ether | 0.30  | U         | 0.30  | 25.0       | ug/L  |
| 591-78-6    | 2-Hexanone                | 0.89  | U         | 0.89  | 25.0       | ug/L  |
| 124-48-1    | Dibromochloromethane      | 0.18  | U         | 0.18  | 5.00       | ug/L  |
| 106-93-4    | 1,2-Dibromoethane         | 0.15  | U         | 0.15  | 5.00       | ug/L  |
| 127-18-4    | Tetrachloroethene         | 0.23  | U         | 0.23  | 5.00       | ug/L  |
| 108-90-7    | Chlorobenzene             | 0.12  | U         | 0.12  | 5.00       | ug/L  |
| 630-20-6    | 1,1,1,2-Tetrachloroethane | 0.19  | U         | 0.19  | 5.00       | ug/L  |
| 67-72-1     | Hexachloroethane          | 0.32  | U         | 0.32  | 5.00       | ug/L  |
| 100-41-4    | Ethyl Benzene             | 0.13  | U         | 0.13  | 5.00       | ug/L  |
| 179601-23-1 | m/p-Xylenes               | 0.24  | U         | 0.24  | 10.0       | ug/L  |
| 95-47-6     | o-Xylene                  | 0.12  | U         | 0.12  | 5.00       | ug/L  |
| 100-42-5    | Styrene                   | 0.15  | U         | 0.15  | 5.00       | ug/L  |
| 75-25-2     | Bromoform                 | 0.19  | U         | 0.19  | 5.00       | ug/L  |
| 98-82-8     | Isopropylbenzene          | 0.12  | U         | 0.12  | 5.00       | ug/L  |
| 79-34-5     | 1,1,2,2-Tetrachloroethane | 0.26  | U         | 0.26  | 5.00       | ug/L  |
| 96-18-4     | 1,2,3-Trichloropropane    | 0.35  | U         | 0.35  | 5.00       | ug/L  |
| 108-86-1    | Bromobenzene              | 0.24  | U         | 0.24  | 5.00       | ug/L  |
| 95-49-8     | 2-Chlorotoluene           | 0.14  | U         | 0.14  | 5.00       | ug/L  |
| 108-67-8    | 1,3,5-Trimethylbenzene    | 0.15  | U         | 0.15  | 5.00       | ug/L  |
| 106-43-4    | 4-Chlorotoluene           | 0.13  | U         | 0.13  | 5.00       | ug/L  |
| 95-63-6     | 1,2,4-Trimethylbenzene    | 0.14  | U         | 0.14  | 5.00       | ug/L  |

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| Client Sample ID:  | G4(1.5)                                    |           | SDG No.:        | Q2487    |    |
| Lab Sample ID:     | Q2487-17                                   |           | Matrix:         | Water    |    |
| Analytical Method: | 8260D                                      |           | % Solid:        | 0        |    |
| Sample Wt/Vol:     | 5                                          | Units: mL | Final Vol:      | 5000     | uL |
| Soil Aliquot Vol:  |                                            | uL        | Test:           | SPLP VOA |    |
| GC Column:         | RXI-624                                    | ID : 0.25 | Level :         | LOW      |    |
| Prep Method :      |                                            |           |                 |          |    |

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|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VN087267.D        | 1         | 07/03/25 13:42 | VN070325      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------------|---------|
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.16   | U         | 0.16     | 5.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.19   | U         | 0.19     | 5.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.16   | U         | 0.16     | 5.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.53   | U         | 0.53     | 5.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 0.20   | U         | 0.20     | 5.00       | ug/L    |
| 87-68-3                   | Hexachlorobutadiene         | 0.30   | UQ        | 0.30     | 5.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 0.20   | U         | 0.20     | 5.00       | ug/L    |
| 74-88-4                   | Methyl Iodide               | 0.83   | U         | 0.83     | 5.00       | ug/L    |
| 123-91-1                  | 1,4-Dioxane                 | 6.90   | U         | 6.90     | 100        | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 58.3   |           | 74 - 125 | 117%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane        | 51.7   |           | 75 - 124 | 103%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8                  | 49.0   |           | 86 - 113 | 98%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene        | 46.7   |           | 77 - 121 | 93%        | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 363-72-4                  | Pentafluorobenzene          | 184000 | 8.229     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 352000 | 9.106     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 327000 | 11.865    |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 158000 | 13.788    |          |            |         |

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

M = MS/MSD acceptance 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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products