

## Report of Analysis

|                    |                                             |                  |                 |          |
|--------------------|---------------------------------------------|------------------|-----------------|----------|
| Client:            | Walsh Construction Company II, LLC          |                  | Date Collected: |          |
| Project:           | NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2 |                  | Date Received:  |          |
| Client Sample ID:  | PB164886BS                                  |                  | SDG No.:        | P4722    |
| Lab Sample ID:     | PB164886BS                                  |                  | Matrix:         | Water    |
| Analytical Method: | SW8270                                      |                  | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000                                        | Units: mL        | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  |                                             | uL               | Test:           | SPLP BNA |
| Extraction Type :  |                                             | Decanted : N     | Level :         | LOW      |
| Injection Volume : |                                             | GPC Factor : 1.0 | GPC Cleanup :   | N PH :   |
| Prep Method :      | SW3510C                                     |                  |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF140394.D        | 1         | 11/10/24 13:32 | 11/15/24 11:00 | PB164886      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |            |       |
| 100-52-7       | Benzaldehyde                | 4.00  | U         | 4.00 | 10.0       | ug/L  |
| 108-95-2       | Phenol                      | 40.9  |           | 0.93 | 5.00       | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 43.2  |           | 1.20 | 5.00       | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 44.2  |           | 0.71 | 5.00       | ug/L  |
| 95-48-7        | 2-Methylphenol              | 42.1  |           | 1.10 | 5.00       | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 41.0  |           | 1.40 | 5.00       | ug/L  |
| 98-86-2        | Acetophenone                | 41.8  |           | 1.10 | 5.00       | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 42.5  |           | 1.20 | 10.0       | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 41.1  |           | 1.50 | 2.50       | ug/L  |
| 67-72-1        | Hexachloroethane            | 42.0  |           | 1.00 | 5.00       | ug/L  |
| 98-95-3        | Nitrobenzene                | 40.3  |           | 1.30 | 5.00       | ug/L  |
| 78-59-1        | Isophorone                  | 41.5  |           | 1.10 | 5.00       | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 43.7  |           | 2.00 | 5.00       | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 50.9  |           | 1.50 | 5.00       | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 40.8  |           | 1.00 | 5.00       | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 42.7  |           | 0.88 | 5.00       | ug/L  |
| 91-20-3        | Naphthalene                 | 41.2  |           | 1.00 | 5.00       | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 31.3  |           | 1.30 | 5.00       | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 40.5  |           | 1.30 | 5.00       | ug/L  |
| 105-60-2       | Caprolactam                 | 44.2  |           | 1.70 | 10.0       | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 42.7  |           | 0.84 | 5.00       | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 41.5  |           | 1.10 | 5.00       | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 170   | E         | 5.00 | 10.0       | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 43.0  |           | 0.89 | 5.00       | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 42.3  |           | 1.00 | 5.00       | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 41.2  |           | 0.91 | 5.00       | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 41.0  |           | 0.97 | 5.00       | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 44.4  |           | 1.40 | 5.00       | ug/L  |
| 131-11-3       | Dimethylphthalate           | 42.8  |           | 0.93 | 5.00       | ug/L  |

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| Client:            | Walsh Construction Company II, LLC          |                  | Date Collected: |          |
| Project:           | NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2 |                  | Date Received:  |          |
| Client Sample ID:  | PB164886BS                                  |                  | SDG No.:        | P4722    |
| Lab Sample ID:     | PB164886BS                                  |                  | Matrix:         | Water    |
| Analytical Method: | SW8270                                      |                  | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000                                        | Units: mL        | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  |                                             | uL               | Test:           | SPLP BNA |
| Extraction Type :  |                                             | Decanted : N     | Level :         | LOW      |
| Injection Volume : |                                             | GPC Factor : 1.0 | GPC Cleanup :   | N PH :   |
| Prep Method :      | SW3510C                                     |                  |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF140394.D        | 1         | 11/10/24 13:32 | 11/15/24 11:00 | PB164886      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------------|-------|
| 208-96-8   | Acenaphthylene             | 45.0  |           | 1.00 | 5.00       | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 41.5  |           | 1.20 | 5.00       | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 33.0  |           | 1.40 | 5.00       | ug/L  |
| 83-32-9    | Acenaphthene               | 48.4  |           | 0.81 | 5.00       | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 96.7  | E         | 6.40 | 10.0       | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 89.1  | E         | 2.00 | 10.0       | ug/L  |
| 132-64-9   | Dibenzofuran               | 43.3  |           | 0.93 | 5.00       | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 44.1  |           | 1.50 | 5.00       | ug/L  |
| 84-66-2    | Diethylphthalate           | 42.3  |           | 1.00 | 5.00       | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 41.5  |           | 0.98 | 5.00       | ug/L  |
| 86-73-7    | Fluorene                   | 42.1  |           | 0.96 | 5.00       | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 43.7  |           | 2.00 | 5.00       | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 49.0  |           | 3.10 | 10.0       | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine     | 43.7  |           | 0.89 | 5.00       | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 42.1  |           | 0.95 | 5.00       | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 42.3  |           | 1.10 | 5.00       | ug/L  |
| 1912-24-9  | Atrazine                   | 35.1  |           | 1.30 | 5.00       | ug/L  |
| 87-86-5    | Pentachlorophenol          | 83.4  | E         | 1.90 | 10.0       | ug/L  |
| 85-01-8    | Phenanthrene               | 43.7  |           | 0.89 | 5.00       | ug/L  |
| 120-12-7   | Anthracene                 | 45.3  |           | 1.10 | 5.00       | ug/L  |
| 86-74-8    | Carbazole                  | 43.0  |           | 1.20 | 5.00       | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 41.4  |           | 1.50 | 5.00       | ug/L  |
| 206-44-0   | Fluoranthene               | 42.0  |           | 1.30 | 5.00       | ug/L  |
| 129-00-0   | Pyrene                     | 46.1  |           | 1.10 | 5.00       | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 46.2  |           | 2.10 | 5.00       | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 38.3  |           | 1.30 | 10.0       | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 45.8  |           | 0.94 | 5.00       | ug/L  |
| 218-01-9   | Chrysene                   | 45.0  |           | 0.86 | 5.00       | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 44.4  |           | 1.90 | 5.00       | ug/L  |
| 117-84-0   | Di-n-octyl phthalate       | 43.7  |           | 2.50 | 10.0       | ug/L  |
| 205-99-2   | Benzo(b)fluoranthene       | 38.5  |           | 1.10 | 5.00       | ug/L  |

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| Lab Sample ID:     | PB164886BS                                  |                  | Matrix:         | Water    |
| Analytical Method: | SW8270                                      |                  | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000                                        | Units: mL        | Final Vol:      | 1000 uL  |
| Soil Aliquot Vol:  |                                             | uL               | Test:           | SPLP BNA |
| Extraction Type :  |                                             | Decanted : N     | Level :         | LOW      |
| Injection Volume : |                                             | GPC Factor : 1.0 | GPC Cleanup :   | N PH :   |
| Prep Method :      | SW3510C                                     |                  |                 |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF140394.D        | 1         | 11/10/24 13:32 | 11/15/24 11:00 | PB164886      |

| CAS Number                | Parameter                  | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units    |
|---------------------------|----------------------------|--------|-----------|----------|------------|----------|
| 207-08-9                  | Benzo(k)fluoranthene       | 46.7   |           | 1.20     | 5.00       | ug/L     |
| 50-32-8                   | Benzo(a)pyrene             | 46.7   |           | 1.70     | 5.00       | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene     | 46.0   |           | 1.00     | 5.00       | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene     | 45.3   |           | 1.20     | 5.00       | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene       | 41.5   |           | 1.20     | 5.00       | ug/L     |
| 95-94-3                   | 1,2,4,5-Tetrachlorobenzene | 41.9   |           | 1.10     | 5.00       | ug/L     |
| 123-91-1                  | 1,4-Dioxane                | 36.8   |           | 1.30     | 5.00       | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol  | 46.8   |           | 0.79     | 5.00       | ug/L     |
| <b>SURROGATES</b>         |                            |        |           |          |            |          |
| 367-12-4                  | 2-Fluorophenol             | 123    |           | 10 - 139 | 82%        | SPK: 150 |
| 13127-88-3                | Phenol-d6                  | 118    |           | 10 - 134 | 78%        | SPK: 150 |
| 4165-60-0                 | Nitrobenzene-d5            | 84.1   |           | 49 - 133 | 84%        | SPK: 100 |
| 321-60-8                  | 2-Fluorobiphenyl           | 82.2   |           | 52 - 132 | 82%        | SPK: 100 |
| 118-79-6                  | 2,4,6-Tribromophenol       | 130    |           | 44 - 137 | 87%        | SPK: 150 |
| 1718-51-0                 | Terphenyl-d14              | 93.2   |           | 48 - 125 | 93%        | SPK: 100 |
| <b>INTERNAL STANDARDS</b> |                            |        |           |          |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4     | 150000 | 6.875     |          |            |          |
| 1146-65-2                 | Naphthalene-d8             | 577000 | 8.157     |          |            |          |
| 15067-26-2                | Acenaphthene-d10           | 317000 | 9.916     |          |            |          |
| 1517-22-2                 | Phenanthrene-d10           | 599000 | 11.404    |          |            |          |
| 1719-03-5                 | Chrysene-d12               | 344000 | 14.068    |          |            |          |
| 1520-96-3                 | Perylene-d12               | 316000 | 15.58     |          |            |          |

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