

## Report of Analysis

Client: AECOM  
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
Client Sample ID: PR-132-S16-015094-20251021MSD  
Lab Sample ID: Q3419-03MSD  
Analytical Method: 8270E Level: LOW  
Sample Wt/Vol: 30.05 g Final Vol: 1000 uL  
Prep Method: SW3510C Prep Date: 10/23/25

Date Collected: 10/21/25  
Date Received: 10/21/25  
SDG No.: Q3422  
Matrix: SOIL  
% Solid: 54.4  
Test: SVOC-TCL BNA -20

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 2100  |      | 1  | 290  | 610        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 108-95-2       | Phenol                      | 2900  |      | 1  | 40.6 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1900  |      | 1  | 44.6 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 95-57-8        | 2-Chlorophenol              | 3000  |      | 1  | 44.8 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 95-48-7        | 2-Methylphenol              | 2900  |      | 1  | 54.9 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 2700  |      | 1  | 68.8 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 98-86-2        | Acetophenone                | 3100  |      | 1  | 54.1 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 65794-96-9     | 3+4-Methylphenols           | 2900  |      | 1  | 75.4 | 610        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 2700  |      | 1  | 87.0 | 150        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 67-72-1        | Hexachloroethane            | 3000  |      | 1  | 32.3 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 98-95-3        | Nitrobenzene                | 3300  |      | 1  | 33.6 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 78-59-1        | Isophorone                  | 2800  |      | 1  | 60.2 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 88-75-5        | 2-Nitrophenol               | 3800  |      | 1  | 110  | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 105-67-9       | 2,4-Dimethylphenol          | 3300  |      | 1  | 120  | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 2800  |      | 1  | 56.5 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 120-83-2       | 2,4-Dichlorophenol          | 3300  |      | 1  | 51.9 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 91-20-3        | Naphthalene                 | 2900  |      | 1  | 41.7 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 106-47-8       | 4-Chloroaniline             | 1200  |      | 1  | 65.0 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 87-68-3        | Hexachlorobutadiene         | 3100  |      | 1  | 46.4 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 105-60-2       | Caprolactam                 | 2800  |      | 1  | 95.6 | 610        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 3100  |      | 1  | 52.7 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 91-57-6        | 2-Methylnaphthalene         | 2700  |      | 1  | 47.0 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 77-47-4        | Hexachlorocyclopentadiene   | 8900  | E    | 1  | 210  | 610        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 3500  |      | 1  | 36.3 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 3400  |      | 1  | 53.4 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 92-52-4        | 1,1-Biphenyl                | 3300  |      | 1  | 40.0 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 91-58-7        | 2-Chloronaphthalene         | 3000  |      | 1  | 41.3 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 88-74-4        | 2-Nitroaniline              | 3300  |      | 1  | 88.3 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 131-11-3       | Dimethylphthalate           | 2900  |      | 1  | 49.7 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 208-96-8       | Acenaphthylene              | 3300  |      | 1  | 53.0 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 606-20-2       | 2,6-Dinitrotoluene          | 3600  |      | 1  | 61.7 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 99-09-2        | 3-Nitroaniline              | 2400  |      | 1  | 84.4 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 83-32-9        | Acenaphthene                | 3400  |      | 1  | 39.1 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 51-28-5        | 2,4-Dinitrophenol           | 7800  | E    | 1  | 420  | 610        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 100-02-7       | 4-Nitrophenol               | 6900  | E    | 1  | 200  | 610        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 132-64-9       | Dibenzofuran                | 2900  |      | 1  | 41.7 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 121-14-2       | 2,4-Dinitrotoluene          | 3300  |      | 1  | 91.9 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 84-66-2        | Diethylphthalate            | 2900  |      | 1  | 51.9 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 3000  |      | 1  | 49.0 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 86-73-7        | Fluorene                    | 3000  |      | 1  | 46.4 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 100-01-6       | 4-Nitroaniline              | 3500  |      | 1  | 120  | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 3900  |      | 1  | 190  | 610        | ug/Kg | 10/29/25 18:15 | PB170215     |

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Lab Sample ID: Q3419-03MSD  
Analytical Method: 8270E Level: LOW  
Sample Wt/Vol: 30.05 g Final Vol: 1000 uL  
Prep Method: SW3510C Prep Date: 10/23/25

Date Collected: 10/21/25  
Date Received: 10/21/25  
SDG No.: Q3422  
Matrix: SOIL  
% Solid: 54.4  
Test: SVOC-TCL BNA -20

| CAS Number | Parameter                  | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|------------|----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 3100  |      | 1  | 60.4 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 3000  |      | 1  | 51.0 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 118-74-1   | Hexachlorobenzene          | 3100  |      | 1  | 46.4 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 1912-24-9  | Atrazine                   | 3300  |      | 1  | 62.4 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 87-86-5    | Pentachlorophenol          | 6800  | E    | 1  | 94.1 | 610        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 85-01-8    | Phenanthrene               | 3000  |      | 1  | 38.4 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 120-12-7   | Anthracene                 | 2900  |      | 1  | 61.1 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 86-74-8    | Carbazole                  | 3000  |      | 1  | 57.3 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 84-74-2    | Di-n-butylphthalate        | 3100  |      | 1  | 87.9 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 206-44-0   | Fluoranthene               | 3100  |      | 1  | 55.1 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 129-00-0   | Pyrene                     | 2700  |      | 1  | 66.1 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 85-68-7    | Butylbenzylphthalate       | 3400  |      | 1  | 130  | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1700  |      | 1  | 67.4 | 610        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 56-55-3    | Benzo(a)anthracene         | 3000  |      | 1  | 42.2 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 218-01-9   | Chrysene                   | 2900  |      | 1  | 36.5 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 3400  |      | 1  | 110  | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 117-84-0   | Di-n-octyl phthalate       | 3300  |      | 1  | 160  | 610        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 205-99-2   | Benzo(b)fluoranthene       | 3000  |      | 1  | 34.9 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 207-08-9   | Benzo(k)fluoranthene       | 3000  |      | 1  | 41.1 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 50-32-8    | Benzo(a)pyrene             | 3100  |      | 1  | 54.1 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 3000  |      | 1  | 53.4 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 3000  |      | 1  | 50.3 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 191-24-2   | Benzo(g,h,i)perylene       | 3000  |      | 1  | 47.2 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 3400  |      | 1  | 47.0 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 123-91-1   | 1,4-Dioxane                | 2300  |      | 1  | 83.0 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 3600  |      | 1  | 50.3 | 310        | ug/Kg | 10/29/25 18:15 | PB170215     |

### SURROGATES

|            |                      |      |  |  |          |     |          |
|------------|----------------------|------|--|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 92.9 |  |  | 18 - 112 | 62% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 92.6 |  |  | 15 - 107 | 62% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 74.9 |  |  | 18 - 107 | 75% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 58.4 |  |  | 20 - 109 | 58% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 118  |  |  | 10 - 116 | 79% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 57.1 |  |  | 10 - 105 | 57% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 31800  |
| 1146-65-2  | Naphthalene-d8         | 125000 |
| 15067-26-2 | Acenaphthene-d10       | 95000  |
| 1517-22-2  | Phenanthrene-d10       | 231000 |
| 1719-03-5  | Chrysene-d12           | 282000 |
| 1520-96-3  | Perylene-d12           | 309000 |

## Report of Analysis

|                    |                                                  |                     |                 |                  |
|--------------------|--------------------------------------------------|---------------------|-----------------|------------------|
| Client:            | AECOM                                            |                     | Date Collected: | 10/21/25         |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |                     | Date Received:  | 10/21/25         |
| Client Sample ID:  | PR-132-S16-015094-20251021MSD                    |                     | SDG No.:        | Q3422            |
| Lab Sample ID:     | Q3419-03MSD                                      |                     | Matrix:         | SOIL             |
| Analytical Method: | 8270E                                            | Level : LOW         | % Solid:        | 54.4             |
| Sample Wt/Vol:     | 30.05 g                                          | Final Vol: 1000 uL  | Test:           | SVOC-TCL BNA -20 |
| Prep Method :      | SW3510C                                          | Prep Date: 10/23/25 |                 |                  |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|------------|-----------|-------|------|----|-----|------------|-------|-----------|--------------|
|------------|-----------|-------|------|----|-----|------------|-------|-----------|--------------|

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