Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Remington & Vernick Engineers | Date Collected: | |
| Project: | Edison Landfill | Date Received: | |
| Client Sample ID: | PB170473BSD | SDG No.: | Q3569 |
| Lab Sample ID: | PB170473BSD | Matrix: | Water |
| Analytical Method: | 8270E Level: LOW | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | 3510C Prep Date: 11/10/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 100-52-7 | Benzaldehyde | 40.9 | | 1 | 3.90 | 10.0 | ug/L | 11/13/25 16:24 | PB170473 |
| 108-95-2 | Phenol | 43.1 | | 1 | 0.91 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 111-44-4 | bis(2-Chloroethyl)ether | 44.9 | | 1 | 0.81 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 95-57-8 | 2-Chlorophenol | 45.0 | | 1 | 0.58 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 95-48-7 | 2-Methylphenol | 45.6 | | 1 | 1.10 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 45.5 | | 1 | 1.30 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 98-86-2 | Acetophenone | 42.1 | | 1 | 0.74 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 65794-96-9 | 3+4-Methylphenols | 44.3 | | 1 | 1.10 | 10.0 | ug/L | 11/13/25 16:24 | PB170473 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 45.7 | | 1 | 1.40 | 2.50 | ug/L | 11/13/25 16:24 | PB170473 |
| 67-72-1 | Hexachloroethane | 43.8 | | 1 | 0.65 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 98-95-3 | Nitrobenzene | 42.3 | | 1 | 0.76 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 78-59-1 | Isophorone | 43.7 | | 1 | 0.75 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 88-75-5 | 2-Nitrophenol | 44.0 | | 1 | 1.80 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 105-67-9 | 2,4-Dimethylphenol | 46.1 | | 1 | 1.90 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 42.5 | | 1 | 0.68 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 120-83-2 | 2,4-Dichlorophenol | 41.3 | | 1 | 0.52 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 91-20-3 | Naphthalene | 41.1 | | 1 | 0.50 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 106-47-8 | 4-Chloroaniline | 16.7 | | 1 | 0.84 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 87-68-3 | Hexachlorobutadiene | 40.4 | | 1 | 0.54 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 105-60-2 | Caprolactam | 47.4 | | 1 | 1.10 | 10.0 | ug/L | 11/13/25 16:24 | PB170473 |
| 59-50-7 | 4-Chloro-3-methylphenol | 43.5 | | 1 | 0.59 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 91-57-6 | 2-Methylnaphthalene | 38.8 | | 1 | 0.56 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 77-47-4 | Hexachlorocyclopentadiene | 100 | E | 1 | 3.60 | 10.0 | ug/L | 11/13/25 16:24 | PB170473 |
| 88-06-2 | 2,4,6-Trichlorophenol | 41.0 | | 1 | 0.51 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 95-95-4 | 2,4,5-Trichlorophenol | 41.5 | | 1 | 0.62 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 92-52-4 | 1,1-Biphenyl | 42.2 | | 1 | 0.53 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 91-58-7 | 2-Chloronaphthalene | 42.0 | | 1 | 0.61 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 88-74-4 | 2-Nitroaniline | 46.6 | | 1 | 1.30 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 131-11-3 | Dimethylphthalate | 44.6 | | 1 | 0.61 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 208-96-8 | Acenaphthylene | 47.0 | | 1 | 0.75 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 606-20-2 | 2,6-Dinitrotoluene | 47.4 | | 1 | 0.92 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 99-09-2 | 3-Nitroaniline | 25.2 | | 1 | 1.10 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 83-32-9 | Acenaphthene | 38.2 | | 1 | 0.55 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 51-28-5 | 2,4-Dinitrophenol | 88.7 | E | 1 | 6.00 | 10.0 | ug/L | 11/13/25 16:24 | PB170473 |
| 100-02-7 | 4-Nitrophenol | 80.9 | E | 1 | 2.40 | 10.0 | ug/L | 11/13/25 16:24 | PB170473 |
| 132-64-9 | Dibenzofuran | 41.7 | | 1 | 0.61 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 121-14-2 | 2,4-Dinitrotoluene | 46.7 | | 1 | 1.20 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 84-66-2 | Diethylphthalate | 44.1 | | 1 | 0.69 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 41.6 | | 1 | 0.68 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 86-73-7 | Fluorene | 42.6 | | 1 | 0.63 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 100-01-6 | 4-Nitroaniline | 44.1 | | 1 | 1.50 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 44.4 | | 1 | 2.90 | 10.0 | ug/L | 11/13/25 16:24 | PB170473 |

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | |
| Project: | Edison Landfill | | | Date Received: | |
| Client Sample ID: | PB170473BSD | | | SDG No.: | Q3569 |
| Lab Sample ID: | PB170473BSD | | | Matrix: | Water |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | 3510C | Prep Date: | 11/10/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 86-30-6 | n-Nitrosodiphenylamine | 44.2 | | 1 | 0.58 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 101-55-3 | 4-Bromophenyl-phenylether | 41.9 | | 1 | 0.40 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 118-74-1 | Hexachlorobenzene | 44.2 | | 1 | 0.52 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 1912-24-9 | Atrazine | 45.0 | | 1 | 1.00 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 87-86-5 | Pentachlorophenol | 81.1 | E | 1 | 1.60 | 10.0 | ug/L | 11/13/25 16:24 | PB170473 |
| 85-01-8 | Phenanthrene | 43.1 | | 1 | 0.50 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 120-12-7 | Anthracene | 43.5 | | 1 | 0.61 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 86-74-8 | Carbazole | 43.0 | | 1 | 0.72 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 84-74-2 | Di-n-butylphthalate | 41.0 | | 1 | 1.20 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 206-44-0 | Fluoranthene | 40.8 | | 1 | 0.82 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 129-00-0 | Pyrene | 49.4 | | 1 | 0.50 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 85-68-7 | Butylbenzylphthalate | 43.9 | | 1 | 1.90 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 91-94-1 | 3,3-Dichlorobenzidine | 22.5 | | 1 | 0.93 | 10.0 | ug/L | 11/13/25 16:24 | PB170473 |
| 56-55-3 | Benzo(a)anthracene | 44.5 | | 1 | 0.45 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 218-01-9 | Chrysene | 45.7 | | 1 | 0.44 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 38.5 | | 1 | 1.60 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 117-84-0 | Di-n-octyl phthalate | 41.0 | | 1 | 2.30 | 10.0 | ug/L | 11/13/25 16:24 | PB170473 |
| 205-99-2 | Benzo(b)fluoranthene | 42.6 | | 1 | 0.49 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 207-08-9 | Benzo(k)fluoranthene | 45.0 | | 1 | 0.48 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 50-32-8 | Benzo(a)pyrene | 47.1 | | 1 | 0.55 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 45.7 | | 1 | 0.59 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 53-70-3 | Dibenzo(a,h)anthracene | 45.9 | | 1 | 0.67 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 191-24-2 | Benzo(g,h,i)perylene | 46.6 | | 1 | 0.69 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 40.9 | | 1 | 0.52 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 123-91-1 | 1,4-Dioxane | 39.5 | | 1 | 1.00 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 46.2 | | 1 | 0.72 | 5.00 | ug/L | 11/13/25 16:24 | PB170473 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 121 | | | 15 (10) - 110 (134) | 81% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 122 | | | 15 (10) - 110 (135) | 81% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 82.0 | | | 30 (39) - 130 (138) | 82% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 78.5 | | | 30 (52) - 130 (132) | 79% | SPK: 100 | | |
| 118-79-6 | 2,4,6-Tribromophenol | 124 | | | 15 (44) - 110 (137) | 83% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 94.1 | | | 30 (42) - 130 (152) | 94% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 58800 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 242000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 135000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 233000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 118000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 155000 | | | | | | | |

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Remington & Vernick Engineers | | | Date Collected: | |
| Project: | Edison Landfill | | | Date Received: | |
| Client Sample ID: | PB170473BSD | | | SDG No.: | Q3569 |
| Lab Sample ID: | PB170473BSD | | | Matrix: | Water |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL | Final Vol: | 1000 uL | Test: | SVOC-TCL BNA -20 |
| Prep Method : | 3510C | Prep Date: | 11/10/25 | | |

| 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