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

Report of Analysis

Client:	AECOM	Date Collected:	10/15/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/15/25
Client Sample ID:	COMP01-20251015MSD	SDG No.:	Q3363
Lab Sample ID:	Q3363-05MSD	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	55.4
Sample Wt/Vol:	30.04 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1600		1	280	590	ug/Kg	10/17/25 17:51	PB170144
108-95-2	Phenol	3400		1	39.8	310	ug/Kg	10/17/25 17:51	PB170144
111-44-4	bis(2-Chloroethyl)ether	3200		1	43.8	310	ug/Kg	10/17/25 17:51	PB170144
95-57-8	2-Chlorophenol	3500		1	44.0	310	ug/Kg	10/17/25 17:51	PB170144
95-48-7	2-Methylphenol	3500		1	53.9	310	ug/Kg	10/17/25 17:51	PB170144
108-60-1	2,2-oxybis(1-Chloropropane)	3000		1	67.6	310	ug/Kg	10/17/25 17:51	PB170144
98-86-2	Acetophenone	3800		1	53.2	310	ug/Kg	10/17/25 17:51	PB170144
65794-96-9	3+4-Methylphenols	3400		1	74.1	590	ug/Kg	10/17/25 17:51	PB170144
621-64-7	n-Nitroso-di-n-propylamine	3200		1	85.4	140	ug/Kg	10/17/25 17:51	PB170144
67-72-1	Hexachloroethane	3400		1	31.7	310	ug/Kg	10/17/25 17:51	PB170144
98-95-3	Nitrobenzene	3400		1	33.0	310	ug/Kg	10/17/25 17:51	PB170144
78-59-1	Isophorone	3200		1	59.1	310	ug/Kg	10/17/25 17:51	PB170144
88-75-5	2-Nitrophenol	3400		1	100	310	ug/Kg	10/17/25 17:51	PB170144
105-67-9	2,4-Dimethylphenol	3900		1	120	310	ug/Kg	10/17/25 17:51	PB170144
111-91-1	bis(2-Chloroethoxy)methane	3300		1	55.5	310	ug/Kg	10/17/25 17:51	PB170144
120-83-2	2,4-Dichlorophenol	3600		1	51.0	310	ug/Kg	10/17/25 17:51	PB170144
91-20-3	Naphthalene	3500		1	40.9	310	ug/Kg	10/17/25 17:51	PB170144
106-47-8	4-Chloroaniline	1300		1	63.8	310	ug/Kg	10/17/25 17:51	PB170144
87-68-3	Hexachlorobutadiene	3600		1	45.6	310	ug/Kg	10/17/25 17:51	PB170144
105-60-2	Caprolactam	3200		1	93.9	590	ug/Kg	10/17/25 17:51	PB170144
59-50-7	4-Chloro-3-methylphenol	3500		1	51.7	310	ug/Kg	10/17/25 17:51	PB170144
91-57-6	2-Methylnaphthalene	3000		1	46.1	310	ug/Kg	10/17/25 17:51	PB170144
77-47-4	Hexachlorocyclopentadiene	8800	E	1	210	590	ug/Kg	10/17/25 17:51	PB170144
88-06-2	2,4,6-Trichlorophenol	3500		1	35.7	310	ug/Kg	10/17/25 17:51	PB170144
95-95-4	2,4,5-Trichlorophenol	3400		1	52.5	310	ug/Kg	10/17/25 17:51	PB170144
92-52-4	1,1-Biphenyl	3600		1	39.3	310	ug/Kg	10/17/25 17:51	PB170144
91-58-7	2-Chloronaphthalene	3300		1	40.6	310	ug/Kg	10/17/25 17:51	PB170144
88-74-4	2-Nitroaniline	3300		1	86.7	310	ug/Kg	10/17/25 17:51	PB170144
131-11-3	Dimethylphthalate	3100		1	48.9	310	ug/Kg	10/17/25 17:51	PB170144
208-96-8	Acenaphthylene	3800		1	52.1	310	ug/Kg	10/17/25 17:51	PB170144
606-20-2	2,6-Dinitrotoluene	3300		1	60.6	310	ug/Kg	10/17/25 17:51	PB170144
99-09-2	3-Nitroaniline	2000		1	82.9	310	ug/Kg	10/17/25 17:51	PB170144
83-32-9	Acenaphthene	3200		1	38.4	310	ug/Kg	10/17/25 17:51	PB170144
51-28-5	2,4-Dinitrophenol	5700	E	1	410	590	ug/Kg	10/17/25 17:51	PB170144
100-02-7	4-Nitrophenol	6700	E	1	190	590	ug/Kg	10/17/25 17:51	PB170144
132-64-9	Dibenzofuran	3300		1	40.9	310	ug/Kg	10/17/25 17:51	PB170144
121-14-2	2,4-Dinitrotoluene	3300		1	90.3	310	ug/Kg	10/17/25 17:51	PB170144
84-66-2	Diethylphthalate	3100		1	51.0	310	ug/Kg	10/17/25 17:51	PB170144
7005-72-3	4-Chlorophenyl-phenylether	3200		1	48.1	310	ug/Kg	10/17/25 17:51	PB170144
86-73-7	Fluorene	3400		1	45.6	310	ug/Kg	10/17/25 17:51	PB170144
100-01-6	4-Nitroaniline	3300		1	120	310	ug/Kg	10/17/25 17:51	PB170144
534-52-1	4,6-Dinitro-2-methylphenol	3400		1	190	590	ug/Kg	10/17/25 17:51	PB170144

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Client:	AECOM	Date Collected:	10/15/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/15/25
Client Sample ID:	COMP01-20251015MSD	SDG No.:	Q3363
Lab Sample ID:	Q3363-05MSD	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	55.4
Sample Wt/Vol:	30.04 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	3600		1	59.3	310	ug/Kg	10/17/25 17:51	PB170144
101-55-3	4-Bromophenyl-phenylether	3500		1	50.1	310	ug/Kg	10/17/25 17:51	PB170144
118-74-1	Hexachlorobenzene	3500		1	45.6	310	ug/Kg	10/17/25 17:51	PB170144
1912-24-9	Atrazine	3700		1	61.3	310	ug/Kg	10/17/25 17:51	PB170144
87-86-5	Pentachlorophenol	7600	E	1	92.5	590	ug/Kg	10/17/25 17:51	PB170144
85-01-8	Phenanthrene	3400		1	37.7	310	ug/Kg	10/17/25 17:51	PB170144
120-12-7	Anthracene	3500		1	60.0	310	ug/Kg	10/17/25 17:51	PB170144
86-74-8	Carbazole	3600		1	56.2	310	ug/Kg	10/17/25 17:51	PB170144
84-74-2	Di-n-butylphthalate	3500		1	86.3	310	ug/Kg	10/17/25 17:51	PB170144
206-44-0	Fluoranthene	3700		1	54.1	310	ug/Kg	10/17/25 17:51	PB170144
129-00-0	Pyrene	3400		1	64.9	310	ug/Kg	10/17/25 17:51	PB170144
85-68-7	Butylbenzylphthalate	3400		1	130	310	ug/Kg	10/17/25 17:51	PB170144
91-94-1	3,3-Dichlorobenzidine	1600		1	66.2	590	ug/Kg	10/17/25 17:51	PB170144
56-55-3	Benzo(a)anthracene	3700		1	41.5	310	ug/Kg	10/17/25 17:51	PB170144
218-01-9	Chrysene	3600		1	35.9	310	ug/Kg	10/17/25 17:51	PB170144
117-81-7	Bis(2-ethylhexyl)phthalate	3600		1	110	310	ug/Kg	10/17/25 17:51	PB170144
117-84-0	Di-n-octyl phthalate	3500		1	160	590	ug/Kg	10/17/25 17:51	PB170144
205-99-2	Benzo(b)fluoranthene	3500		1	34.3	310	ug/Kg	10/17/25 17:51	PB170144
207-08-9	Benzo(k)fluoranthene	3500		1	40.4	310	ug/Kg	10/17/25 17:51	PB170144
50-32-8	Benzo(a)pyrene	3800		1	53.2	310	ug/Kg	10/17/25 17:51	PB170144
193-39-5	Indeno(1,2,3-cd)pyrene	3500		1	52.5	310	ug/Kg	10/17/25 17:51	PB170144
53-70-3	Dibenzo(a,h)anthracene	3600		1	49.4	310	ug/Kg	10/17/25 17:51	PB170144
191-24-2	Benzo(g,h,i)perylene	3800		1	46.3	310	ug/Kg	10/17/25 17:51	PB170144
95-94-3	1,2,4,5-Tetrachlorobenzene	3700		1	46.1	310	ug/Kg	10/17/25 17:51	PB170144
123-91-1	1,4-Dioxane	2700		1	81.5	310	ug/Kg	10/17/25 17:51	PB170144
58-90-2	2,3,4,6-Tetrachlorophenol	3500		1	49.4	310	ug/Kg	10/17/25 17:51	PB170144
SURROGATES									
367-12-4	2-Fluorophenol	100			18 - 112	67%	SPK: 150		
13127-88-3	Phenol-d6	95.3			15 - 107	64%	SPK: 150		
4165-60-0	Nitrobenzene-d5	59.1			18 - 107	59%	SPK: 100		
321-60-8	2-Fluorobiphenyl	48.8			20 - 109	49%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	93.5			10 - 116	62%	SPK: 150		
1718-51-0	Terphenyl-d14	52.2			10 - 105	52%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	13000							
1146-65-2	Naphthalene-d8	53800							
15067-26-2	Acenaphthene-d10	42300							
1517-22-2	Phenanthrene-d10	98600							
1719-03-5	Chrysene-d12	108000							
1520-96-3	Perylene-d12	125000							

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Prep Method :	SW3541 Prep Date: 10/17/25		

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