284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	AECOM	Date Collected:	10/17/25
Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/17/25
Client Sample ID:	PR132-S08-013038-20251017	SDG No.:	Q3393
Lab Sample ID:	Q3393-03	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	52.8
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	620	U	1	290	620	ug/Kg	10/22/25 13:24	PB170180
108-95-2	Phenol	320	U	1	41.8	320	ug/Kg	10/22/25 13:24	PB170180
111-44-4	bis(2-Chloroethyl)ether	320	U	1	45.9	320	ug/Kg	10/22/25 13:24	PB170180
95-57-8	2-Chlorophenol	320	U	1	46.1	320	ug/Kg	10/22/25 13:24	PB170180
95-48-7	2-Methylphenol	320	U	1	56.5	320	ug/Kg	10/22/25 13:24	PB170180
108-60-1	2,2-oxybis(1-Chloropropane)	320	U	1	70.9	320	ug/Kg	10/22/25 13:24	PB170180
98-86-2	Acetophenone	320	U	1	55.8	320	ug/Kg	10/22/25 13:24	PB170180
65794-96-9	3+4-Methylphenols	620	U	1	77.7	620	ug/Kg	10/22/25 13:24	PB170180
621-64-7	n-Nitroso-di-n-propylamine	150	U	1	89.6	150	ug/Kg	10/22/25 13:24	PB170180
67-72-1	Hexachloroethane	320	U	1	33.3	320	ug/Kg	10/22/25 13:24	PB170180
98-95-3	Nitrobenzene	320	U	1	34.6	320	ug/Kg	10/22/25 13:24	PB170180
78-59-1	Isophorone	320	U	1	62.0	320	ug/Kg	10/22/25 13:24	PB170180
88-75-5	2-Nitrophenol	320	U	1	110	320	ug/Kg	10/22/25 13:24	PB170180
105-67-9	2,4-Dimethylphenol	320	U	1	120	320	ug/Kg	10/22/25 13:24	PB170180
111-91-1	bis(2-Chloroethoxy)methane	320	U	1	58.2	320	ug/Kg	10/22/25 13:24	PB170180
120-83-2	2,4-Dichlorophenol	320	U	1	53.5	320	ug/Kg	10/22/25 13:24	PB170180
91-20-3	Naphthalene	320	U	1	42.9	320	ug/Kg	10/22/25 13:24	PB170180
106-47-8	4-Chloroaniline	320	U	1	66.9	320	ug/Kg	10/22/25 13:24	PB170180
87-68-3	Hexachlorobutadiene	320	U	1	47.8	320	ug/Kg	10/22/25 13:24	PB170180
105-60-2	Caprolactam	620	U	1	98.5	620	ug/Kg	10/22/25 13:24	PB170180
59-50-7	4-Chloro-3-methylphenol	320	U	1	54.2	320	ug/Kg	10/22/25 13:24	PB170180
91-57-6	2-Methylnaphthalene	320	U	1	48.4	320	ug/Kg	10/22/25 13:24	PB170180
77-47-4	Hexachlorocyclopentadiene	620	U	1	220	620	ug/Kg	10/22/25 13:24	PB170180
88-06-2	2,4,6-Trichlorophenol	320	U	1	37.4	320	ug/Kg	10/22/25 13:24	PB170180
95-95-4	2,4,5-Trichlorophenol	320	U	1	55.0	320	ug/Kg	10/22/25 13:24	PB170180
92-52-4	1,1-Biphenyl	320	U	1	41.2	320	ug/Kg	10/22/25 13:24	PB170180
91-58-7	2-Chloronaphthalene	320	U	1	42.5	320	ug/Kg	10/22/25 13:24	PB170180
88-74-4	2-Nitroaniline	320	U	1	90.9	320	ug/Kg	10/22/25 13:24	PB170180
131-11-3	Dimethylphthalate	320	U	1	51.2	320	ug/Kg	10/22/25 13:24	PB170180
208-96-8	Acenaphthylene	320	U	1	54.6	320	ug/Kg	10/22/25 13:24	PB170180
606-20-2	2,6-Dinitrotoluene	320	UQ	1	63.5	320	ug/Kg	10/22/25 13:24	PB170180
99-09-2	3-Nitroaniline	320	U	1	86.9	320	ug/Kg	10/22/25 13:24	PB170180
83-32-9	Acenaphthene	320	U	1	40.3	320	ug/Kg	10/22/25 13:24	PB170180
51-28-5	2,4-Dinitrophenol	620	U	1	430	620	ug/Kg	10/22/25 13:24	PB170180
100-02-7	4-Nitrophenol	620	U	1	200	620	ug/Kg	10/22/25 13:24	PB170180
132-64-9	Dibenzofuran	320	U	1	42.9	320	ug/Kg	10/22/25 13:24	PB170180
121-14-2	2,4-Dinitrotoluene	320	U	1	94.7	320	ug/Kg	10/22/25 13:24	PB170180
84-66-2	Diethylphthalate	320	U	1	53.5	320	ug/Kg	10/22/25 13:24	PB170180
7005-72-3	4-Chlorophenyl-phenylether	320	U	1	50.5	320	ug/Kg	10/22/25 13:24	PB170180
86-73-7	Fluorene	320	U	1	47.8	320	ug/Kg	10/22/25 13:24	PB170180
100-01-6	4-Nitroaniline	320	U	1	120	320	ug/Kg	10/22/25 13:24	PB170180
534-52-1	4,6-Dinitro-2-methylphenol	620	U	1	190	620	ug/Kg	10/22/25 13:24	PB170180

Alliance TECHNICAL GROUP
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Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206	Date Received:	10/17/25
Client Sample ID:	PR132-S08-013038-20251017	SDG No.:	Q3393
Lab Sample ID:	Q3393-03	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	52.8
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	320	U	1	62.2	320	ug/Kg	10/22/25 13:24	PB170180
101-55-3	4-Bromophenyl-phenylether	320	U	1	52.5	320	ug/Kg	10/22/25 13:24	PB170180
118-74-1	Hexachlorobenzene	320	U	1	47.8	320	ug/Kg	10/22/25 13:24	PB170180
1912-24-9	Atrazine	320	U	1	64.3	320	ug/Kg	10/22/25 13:24	PB170180
87-86-5	Pentachlorophenol	620	U	1	97.0	620	ug/Kg	10/22/25 13:24	PB170180
85-01-8	Phenanthrene	190	J	1	39.5	320	ug/Kg	10/22/25 13:24	PB170180
120-12-7	Anthracene	320	U	1	62.9	320	ug/Kg	10/22/25 13:24	PB170180
86-74-8	Carbazole	320	U	1	59.0	320	ug/Kg	10/22/25 13:24	PB170180
84-74-2	Di-n-butylphthalate	320	U	1	90.5	320	ug/Kg	10/22/25 13:24	PB170180
206-44-0	Fluoranthene	190	J	1	56.7	320	ug/Kg	10/22/25 13:24	PB170180
129-00-0	Pyrene	320	U	1	68.0	320	ug/Kg	10/22/25 13:24	PB170180
85-68-7	Butylbenzylphthalate	320	U	1	130	320	ug/Kg	10/22/25 13:24	PB170180
91-94-1	3,3-Dichlorobenzidine	620	U	1	69.4	620	ug/Kg	10/22/25 13:24	PB170180
56-55-3	Benzo(a)anthracene	320	U	1	43.5	320	ug/Kg	10/22/25 13:24	PB170180
218-01-9	Chrysene	320	U	1	37.6	320	ug/Kg	10/22/25 13:24	PB170180
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	1	110	320	ug/Kg	10/22/25 13:24	PB170180
117-84-0	Di-n-octyl phthalate	620	U	1	160	620	ug/Kg	10/22/25 13:24	PB170180
205-99-2	Benzo(b)fluoranthene	320	U	1	35.9	320	ug/Kg	10/22/25 13:24	PB170180
207-08-9	Benzo(k)fluoranthene	320	U	1	42.3	320	ug/Kg	10/22/25 13:24	PB170180
50-32-8	Benzo(a)pyrene	320	U	1	55.8	320	ug/Kg	10/22/25 13:24	PB170180
193-39-5	Indeno(1,2,3-cd)pyrene	320	UQ	1	55.0	320	ug/Kg	10/22/25 13:24	PB170180
53-70-3	Dibenzo(a,h)anthracene	320	U	1	51.8	320	ug/Kg	10/22/25 13:24	PB170180
191-24-2	Benzo(g,h,i)perylene	320	UQ	1	48.6	320	ug/Kg	10/22/25 13:24	PB170180
95-94-3	1,2,4,5-Tetrachlorobenzene	320	U	1	48.4	320	ug/Kg	10/22/25 13:24	PB170180
123-91-1	1,4-Dioxane	320	U	1	85.4	320	ug/Kg	10/22/25 13:24	PB170180
58-90-2	2,3,4,6-Tetrachlorophenol	320	U	1	51.8	320	ug/Kg	10/22/25 13:24	PB170180
SURROGATES									
367-12-4	2-Fluorophenol	63.0			18 - 112	42%	SPK: 150		
13127-88-3	Phenol-d6	59.0			15 - 107	39%	SPK: 150		
4165-60-0	Nitrobenzene-d5	39.4			18 - 107	39%	SPK: 100		
321-60-8	2-Fluorobiphenyl	36.0			20 - 109	36%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	41.3			10 - 116	28%	SPK: 150		
1718-51-0	Terphenyl-d14	29.5			10 - 105	29%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	87600							
1146-65-2	Naphthalene-d8	317000							
15067-26-2	Acenaphthene-d10	155000							
1517-22-2	Phenanthrene-d10	247000							
1719-03-5	Chrysene-d12	223000							
1520-96-3	Perylene-d12	266000							
TENTATIVE IDENTIFIED COMPOUNDS									
017301-23-4	Undecane, 2,6-dimethyl-	140	J			8.22	ug/Kg		
013151-29-6	1-Decene, 4-methyl-	150	J			9.63	ug/Kg		

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Prep Method :	SW3541 Prep Date: 10/21/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000119-61-9	Benzophenone	240	J			10.6	ug/Kg		

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