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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	11/20/25
Project:	Building 50 Probe Investigation	Date Received:	11/26/25
Client Sample ID:	B50-SP14-112025	SDG No.:	Q3741
Lab Sample ID:	Q3741-03	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	87.3
Sample Wt/Vol:	30.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541 Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	380	ug/Kg	12/03/25 14:08	PB170797
108-95-2	Phenol	25.3	U	1	25.3	190	ug/Kg	12/03/25 14:08	PB170797
111-44-4	bis(2-Chloroethyl)ether	27.8	U	1	27.8	190	ug/Kg	12/03/25 14:08	PB170797
95-57-8	2-Chlorophenol	27.9	U	1	27.9	190	ug/Kg	12/03/25 14:08	PB170797
95-48-7	2-Methylphenol	34.2	U	1	34.2	190	ug/Kg	12/03/25 14:08	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	42.9	U	1	42.9	190	ug/Kg	12/03/25 14:08	PB170797
98-86-2	Acetophenone	33.7	U	1	33.7	190	ug/Kg	12/03/25 14:08	PB170797
65794-96-9	3+4-Methylphenols	47.0	U	1	47.0	380	ug/Kg	12/03/25 14:08	PB170797
621-64-7	n-Nitroso-di-n-propylamine	54.2	U	1	54.2	91.4	ug/Kg	12/03/25 14:08	PB170797
67-72-1	Hexachloroethane	20.1	U	1	20.1	190	ug/Kg	12/03/25 14:08	PB170797
98-95-3	Nitrobenzene	20.9	U	1	20.9	190	ug/Kg	12/03/25 14:08	PB170797
78-59-1	Isophorone	37.5	U	1	37.5	190	ug/Kg	12/03/25 14:08	PB170797
88-75-5	2-Nitrophenol	66.5	U	1	66.5	190	ug/Kg	12/03/25 14:08	PB170797
105-67-9	2,4-Dimethylphenol	74.1	U	1	74.1	190	ug/Kg	12/03/25 14:08	PB170797
111-91-1	bis(2-Chloroethoxy)methane	35.2	U	1	35.2	190	ug/Kg	12/03/25 14:08	PB170797
120-83-2	2,4-Dichlorophenol	32.3	U	1	32.3	190	ug/Kg	12/03/25 14:08	PB170797
91-20-3	Naphthalene	150	J	1	25.9	190	ug/Kg	12/03/25 14:08	PB170797
106-47-8	4-Chloroaniline	40.5	U	1	40.5	190	ug/Kg	12/03/25 14:08	PB170797
87-68-3	Hexachlorobutadiene	28.9	U	1	28.9	190	ug/Kg	12/03/25 14:08	PB170797
105-60-2	Caprolactam	59.5	UQ	1	59.5	380	ug/Kg	12/03/25 14:08	PB170797
59-50-7	4-Chloro-3-methylphenol	32.8	U	1	32.8	190	ug/Kg	12/03/25 14:08	PB170797
91-57-6	2-Methylnaphthalene	95.8	J	1	29.3	190	ug/Kg	12/03/25 14:08	PB170797
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	380	ug/Kg	12/03/25 14:08	PB170797
88-06-2	2,4,6-Trichlorophenol	22.6	U	1	22.6	190	ug/Kg	12/03/25 14:08	PB170797
95-95-4	2,4,5-Trichlorophenol	33.3	U	1	33.3	190	ug/Kg	12/03/25 14:08	PB170797
92-52-4	1,1-Biphenyl	24.9	U	1	24.9	190	ug/Kg	12/03/25 14:08	PB170797
91-58-7	2-Chloronaphthalene	25.7	U	1	25.7	190	ug/Kg	12/03/25 14:08	PB170797
88-74-4	2-Nitroaniline	55.0	U	1	55.0	190	ug/Kg	12/03/25 14:08	PB170797
131-11-3	Dimethylphthalate	31.0	U	1	31.0	190	ug/Kg	12/03/25 14:08	PB170797
208-96-8	Acenaphthylene	100	J	1	33.0	190	ug/Kg	12/03/25 14:08	PB170797
606-20-2	2,6-Dinitrotoluene	38.4	U	1	38.4	190	ug/Kg	12/03/25 14:08	PB170797
99-09-2	3-Nitroaniline	52.6	U	1	52.6	190	ug/Kg	12/03/25 14:08	PB170797
83-32-9	Acenaphthene	120	J	1	24.3	190	ug/Kg	12/03/25 14:08	PB170797
51-28-5	2,4-Dinitrophenol	260	U	1	260	380	ug/Kg	12/03/25 14:08	PB170797
100-02-7	4-Nitrophenol	120	U	1	120	380	ug/Kg	12/03/25 14:08	PB170797
132-64-9	Dibenzofuran	120	J	1	25.9	190	ug/Kg	12/03/25 14:08	PB170797
121-14-2	2,4-Dinitrotoluene	57.3	UQ	1	57.3	190	ug/Kg	12/03/25 14:08	PB170797
84-66-2	Diethylphthalate	32.3	U	1	32.3	190	ug/Kg	12/03/25 14:08	PB170797
7005-72-3	4-Chlorophenyl-phenylether	30.5	U	1	30.5	190	ug/Kg	12/03/25 14:08	PB170797
86-73-7	Fluorene	120	J	1	28.9	190	ug/Kg	12/03/25 14:08	PB170797
100-01-6	4-Nitroaniline	73.4	U	1	73.4	190	ug/Kg	12/03/25 14:08	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	380	ug/Kg	12/03/25 14:08	PB170797

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Lab Sample ID:	Q3741-03	Matrix:	SOIL
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Sample Wt/Vol:	30.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA
Prep Method :	SW3541 Prep Date: 12/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	37.6	U	1	37.6	190	ug/Kg	12/03/25 14:08	PB170797
101-55-3	4-Bromophenyl-phenylether	31.8	U	1	31.8	190	ug/Kg	12/03/25 14:08	PB170797
118-74-1	Hexachlorobenzene	28.9	U	1	28.9	190	ug/Kg	12/03/25 14:08	PB170797
1912-24-9	Atrazine	38.9	U	1	38.9	190	ug/Kg	12/03/25 14:08	PB170797
87-86-5	Pentachlorophenol	58.6	U	1	58.6	380	ug/Kg	12/03/25 14:08	PB170797
85-01-8	Phenanthrene	1300		1	23.9	190	ug/Kg	12/03/25 14:08	PB170797
120-12-7	Anthracene	370		1	38.1	190	ug/Kg	12/03/25 14:08	PB170797
86-74-8	Carbazole	170	J	1	35.7	190	ug/Kg	12/03/25 14:08	PB170797
84-74-2	Di-n-butylphthalate	54.7	U	1	54.7	190	ug/Kg	12/03/25 14:08	PB170797
206-44-0	Fluoranthene	1600		1	34.3	190	ug/Kg	12/03/25 14:08	PB170797
129-00-0	Pyrene	1400		1	41.1	190	ug/Kg	12/03/25 14:08	PB170797
85-68-7	Butylbenzylphthalate	81.6	U	1	81.6	190	ug/Kg	12/03/25 14:08	PB170797
91-94-1	3,3-Dichlorobenzidine	41.9	U	1	41.9	380	ug/Kg	12/03/25 14:08	PB170797
56-55-3	Benzo(a)anthracene	1300		1	26.3	190	ug/Kg	12/03/25 14:08	PB170797
218-01-9	Chrysene	1300		1	22.7	190	ug/Kg	12/03/25 14:08	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	1	67.7	190	ug/Kg	12/03/25 14:08	PB170797
117-84-0	Di-n-octyl phthalate	99.2	U	1	99.2	380	ug/Kg	12/03/25 14:08	PB170797
205-99-2	Benzo(b)fluoranthene	1700		1	21.7	190	ug/Kg	12/03/25 14:08	PB170797
207-08-9	Benzo(k)fluoranthene	620		1	25.6	190	ug/Kg	12/03/25 14:08	PB170797
50-32-8	Benzo(a)pyrene	1600		1	33.7	190	ug/Kg	12/03/25 14:08	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	670		1	33.3	190	ug/Kg	12/03/25 14:08	PB170797
53-70-3	Dibenzo(a,h)anthracene	240		1	31.3	190	ug/Kg	12/03/25 14:08	PB170797
191-24-2	Benzo(g,h,i)perylene	790		1	29.4	190	ug/Kg	12/03/25 14:08	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	29.3	U	1	29.3	190	ug/Kg	12/03/25 14:08	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	31.3	U	1	31.3	190	ug/Kg	12/03/25 14:08	PB170797
SURROGATES									
367-12-4	2-Fluorophenol	52.4			10 - 105	35%	SPK: 150		
13127-88-3	Phenol-d6	70.7			10 - 103	47%	SPK: 150		
4165-60-0	Nitrobenzene-d5	48.7			10 - 108	49%	SPK: 100		
321-60-8	2-Fluorobiphenyl	51.4			10 - 108	51%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	31.9			10 - 116	21%	SPK: 150		
1718-51-0	Terphenyl-d14	44.4			10 - 109	44%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	52500							
1146-65-2	Naphthalene-d8	194000							
15067-26-2	Acenaphthene-d10	104000							
1517-22-2	Phenanthrene-d10	161000							
1719-03-5	Chrysene-d12	123000							
1520-96-3	Perylene-d12	158000							

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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