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-SP13-112025	SDG No.:	Q3741
Lab Sample ID:	Q3741-02	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	86.4
Sample Wt/Vol:	30.09 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 15:36	PB170797
108-95-2	Phenol	25.5	U	1	25.5	200	ug/Kg	12/03/25 15:36	PB170797
111-44-4	bis(2-Chloroethyl)ether	28.0	U	1	28.0	200	ug/Kg	12/03/25 15:36	PB170797
95-57-8	2-Chlorophenol	28.2	U	1	28.2	200	ug/Kg	12/03/25 15:36	PB170797
95-48-7	2-Methylphenol	34.5	U	1	34.5	200	ug/Kg	12/03/25 15:36	PB170797
108-60-1	2,2-oxybis(1-Chloropropane)	43.3	U	1	43.3	200	ug/Kg	12/03/25 15:36	PB170797
98-86-2	Acetophenone	34.0	U	1	34.0	200	ug/Kg	12/03/25 15:36	PB170797
65794-96-9	3+4-Methylphenols	47.4	U	1	47.4	380	ug/Kg	12/03/25 15:36	PB170797
621-64-7	n-Nitroso-di-n-propylamine	54.7	U	1	54.7	92.3	ug/Kg	12/03/25 15:36	PB170797
67-72-1	Hexachloroethane	20.3	U	1	20.3	200	ug/Kg	12/03/25 15:36	PB170797
98-95-3	Nitrobenzene	21.1	U	1	21.1	200	ug/Kg	12/03/25 15:36	PB170797
78-59-1	Isophorone	37.8	U	1	37.8	200	ug/Kg	12/03/25 15:36	PB170797
88-75-5	2-Nitrophenol	67.2	U	1	67.2	200	ug/Kg	12/03/25 15:36	PB170797
105-67-9	2,4-Dimethylphenol	74.8	U	1	74.8	200	ug/Kg	12/03/25 15:36	PB170797
111-91-1	bis(2-Chloroethoxy)methane	35.5	U	1	35.5	200	ug/Kg	12/03/25 15:36	PB170797
120-83-2	2,4-Dichlorophenol	32.7	U	1	32.7	200	ug/Kg	12/03/25 15:36	PB170797
91-20-3	Naphthalene	26.2	U	1	26.2	200	ug/Kg	12/03/25 15:36	PB170797
106-47-8	4-Chloroaniline	40.8	U	1	40.8	200	ug/Kg	12/03/25 15:36	PB170797
87-68-3	Hexachlorobutadiene	29.2	U	1	29.2	200	ug/Kg	12/03/25 15:36	PB170797
105-60-2	Caprolactam	60.1	UQ	1	60.1	380	ug/Kg	12/03/25 15:36	PB170797
59-50-7	4-Chloro-3-methylphenol	33.1	U	1	33.1	200	ug/Kg	12/03/25 15:36	PB170797
91-57-6	2-Methylnaphthalene	29.5	U	1	29.5	200	ug/Kg	12/03/25 15:36	PB170797
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	380	ug/Kg	12/03/25 15:36	PB170797
88-06-2	2,4,6-Trichlorophenol	22.8	U	1	22.8	200	ug/Kg	12/03/25 15:36	PB170797
95-95-4	2,4,5-Trichlorophenol	33.6	U	1	33.6	200	ug/Kg	12/03/25 15:36	PB170797
92-52-4	1,1-Biphenyl	25.2	U	1	25.2	200	ug/Kg	12/03/25 15:36	PB170797
91-58-7	2-Chloronaphthalene	26.0	U	1	26.0	200	ug/Kg	12/03/25 15:36	PB170797
88-74-4	2-Nitroaniline	55.5	U	1	55.5	200	ug/Kg	12/03/25 15:36	PB170797
131-11-3	Dimethylphthalate	31.3	U	1	31.3	200	ug/Kg	12/03/25 15:36	PB170797
208-96-8	Acenaphthylene	33.3	U	1	33.3	200	ug/Kg	12/03/25 15:36	PB170797
606-20-2	2,6-Dinitrotoluene	38.8	U	1	38.8	200	ug/Kg	12/03/25 15:36	PB170797
99-09-2	3-Nitroaniline	53.1	U	1	53.1	200	ug/Kg	12/03/25 15:36	PB170797
83-32-9	Acenaphthene	24.6	U	1	24.6	200	ug/Kg	12/03/25 15:36	PB170797
51-28-5	2,4-Dinitrophenol	260	U	1	260	380	ug/Kg	12/03/25 15:36	PB170797
100-02-7	4-Nitrophenol	120	U	1	120	380	ug/Kg	12/03/25 15:36	PB170797
132-64-9	Dibenzofuran	26.2	U	1	26.2	200	ug/Kg	12/03/25 15:36	PB170797
121-14-2	2,4-Dinitrotoluene	57.8	UQ	1	57.8	200	ug/Kg	12/03/25 15:36	PB170797
84-66-2	Diethylphthalate	32.7	U	1	32.7	200	ug/Kg	12/03/25 15:36	PB170797
7005-72-3	4-Chlorophenyl-phenylether	30.8	U	1	30.8	200	ug/Kg	12/03/25 15:36	PB170797
86-73-7	Fluorene	29.2	U	1	29.2	200	ug/Kg	12/03/25 15:36	PB170797
100-01-6	4-Nitroaniline	74.1	U	1	74.1	200	ug/Kg	12/03/25 15:36	PB170797
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	380	ug/Kg	12/03/25 15:36	PB170797

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Project:	Building 50 Probe Investigation	Date Received:	11/26/25
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Lab Sample ID:	Q3741-02	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	86.4
Sample Wt/Vol:	30.09 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	38.0	U	1	38.0	200	ug/Kg	12/03/25 15:36	PB170797
101-55-3	4-Bromophenyl-phenylether	32.1	U	1	32.1	200	ug/Kg	12/03/25 15:36	PB170797
118-74-1	Hexachlorobenzene	29.2	U	1	29.2	200	ug/Kg	12/03/25 15:36	PB170797
1912-24-9	Atrazine	39.2	U	1	39.2	200	ug/Kg	12/03/25 15:36	PB170797
87-86-5	Pentachlorophenol	59.2	U	1	59.2	380	ug/Kg	12/03/25 15:36	PB170797
85-01-8	Phenanthrene	340		1	24.1	200	ug/Kg	12/03/25 15:36	PB170797
120-12-7	Anthracene	38.4	U	1	38.4	200	ug/Kg	12/03/25 15:36	PB170797
86-74-8	Carbazole	36.0	U	1	36.0	200	ug/Kg	12/03/25 15:36	PB170797
84-74-2	Di-n-butylphthalate	55.3	U	1	55.3	200	ug/Kg	12/03/25 15:36	PB170797
206-44-0	Fluoranthene	550		1	34.6	200	ug/Kg	12/03/25 15:36	PB170797
129-00-0	Pyrene	360		1	41.5	200	ug/Kg	12/03/25 15:36	PB170797
85-68-7	Butylbenzylphthalate	82.4	U	1	82.4	200	ug/Kg	12/03/25 15:36	PB170797
91-94-1	3,3-Dichlorobenzidine	42.3	U	1	42.3	380	ug/Kg	12/03/25 15:36	PB170797
56-55-3	Benzo(a)anthracene	300		1	26.5	200	ug/Kg	12/03/25 15:36	PB170797
218-01-9	Chrysene	290		1	23.0	200	ug/Kg	12/03/25 15:36	PB170797
117-81-7	Bis(2-ethylhexyl)phthalate	68.3	U	1	68.3	200	ug/Kg	12/03/25 15:36	PB170797
117-84-0	Di-n-octyl phthalate	100	U	1	100	380	ug/Kg	12/03/25 15:36	PB170797
205-99-2	Benzo(b)fluoranthene	390		1	21.9	200	ug/Kg	12/03/25 15:36	PB170797
207-08-9	Benzo(k)fluoranthene	160	J	1	25.8	200	ug/Kg	12/03/25 15:36	PB170797
50-32-8	Benzo(a)pyrene	330		1	34.0	200	ug/Kg	12/03/25 15:36	PB170797
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	1	33.6	200	ug/Kg	12/03/25 15:36	PB170797
53-70-3	Dibenzo(a,h)anthracene	31.6	U	1	31.6	200	ug/Kg	12/03/25 15:36	PB170797
191-24-2	Benzo(g,h,i)perylene	130	J	1	29.7	200	ug/Kg	12/03/25 15:36	PB170797
95-94-3	1,2,4,5-Tetrachlorobenzene	29.5	U	1	29.5	200	ug/Kg	12/03/25 15:36	PB170797
58-90-2	2,3,4,6-Tetrachlorophenol	31.6	U	1	31.6	200	ug/Kg	12/03/25 15:36	PB170797
SURROGATES									
367-12-4	2-Fluorophenol	36.2			10 - 105	24%	SPK: 150		
13127-88-3	Phenol-d6	36.4			10 - 103	24%	SPK: 150		
4165-60-0	Nitrobenzene-d5	25.9			10 - 108	26%	SPK: 100		
321-60-8	2-Fluorobiphenyl	26.8			10 - 108	27%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	32.1			10 - 116	21%	SPK: 150		
1718-51-0	Terphenyl-d14	20.6			10 - 109	21%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	88400							
1146-65-2	Naphthalene-d8	322000							
15067-26-2	Acenaphthene-d10	169000							
1517-22-2	Phenanthrene-d10	276000							
1719-03-5	Chrysene-d12	256000							
1520-96-3	Perylene-d12	297000							

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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