

Report of Analysis

Client: G Environmental
Project: Diamond
Client Sample ID: WC1
Lab Sample ID: Q3740-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 12/01/25

Date Collected: 11/26/25
Date Received: 11/26/25
SDG No.: Q3740
Matrix: SOIL
% Solid: 90
Test: SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	170	U	1	170	370	ug/Kg	12/01/25 15:15	PB170763
108-95-2	Phenol	24.5	U	1	24.5	190	ug/Kg	12/01/25 15:15	PB170763
111-44-4	bis(2-Chloroethyl)ether	27.0	U	1	27.0	190	ug/Kg	12/01/25 15:15	PB170763
95-57-8	2-Chlorophenol	27.1	U	1	27.1	190	ug/Kg	12/01/25 15:15	PB170763
95-48-7	2-Methylphenol	33.2	U	1	33.2	190	ug/Kg	12/01/25 15:15	PB170763
108-60-1	2,2-oxybis(1-Chloropropane)	41.6	U	1	41.6	190	ug/Kg	12/01/25 15:15	PB170763
98-86-2	Acetophenone	32.7	U	1	32.7	190	ug/Kg	12/01/25 15:15	PB170763
65794-96-9	3+4-Methylphenols	45.6	U	1	45.6	370	ug/Kg	12/01/25 15:15	PB170763
621-64-7	n-Nitroso-di-n-propylamine	52.6	U	1	52.6	88.8	ug/Kg	12/01/25 15:15	PB170763
67-72-1	Hexachloroethane	19.5	U	1	19.5	190	ug/Kg	12/01/25 15:15	PB170763
98-95-3	Nitrobenzene	20.3	U	1	20.3	190	ug/Kg	12/01/25 15:15	PB170763
78-59-1	Isophorone	36.4	U	1	36.4	190	ug/Kg	12/01/25 15:15	PB170763
88-75-5	2-Nitrophenol	64.6	U	1	64.6	190	ug/Kg	12/01/25 15:15	PB170763
105-67-9	2,4-Dimethylphenol	71.9	U	1	71.9	190	ug/Kg	12/01/25 15:15	PB170763
111-91-1	bis(2-Chloroethoxy)methane	34.2	U	1	34.2	190	ug/Kg	12/01/25 15:15	PB170763
120-83-2	2,4-Dichlorophenol	31.4	U	1	31.4	190	ug/Kg	12/01/25 15:15	PB170763
91-20-3	Naphthalene	25.2	U	1	25.2	190	ug/Kg	12/01/25 15:15	PB170763
106-47-8	4-Chloroaniline	39.3	U	1	39.3	190	ug/Kg	12/01/25 15:15	PB170763
87-68-3	Hexachlorobutadiene	28.1	U	1	28.1	190	ug/Kg	12/01/25 15:15	PB170763
105-60-2	Caprolactam	57.8	U	1	57.8	370	ug/Kg	12/01/25 15:15	PB170763
59-50-7	4-Chloro-3-methylphenol	31.9	U	1	31.9	190	ug/Kg	12/01/25 15:15	PB170763
91-57-6	2-Methylnaphthalene	28.4	U	1	28.4	190	ug/Kg	12/01/25 15:15	PB170763
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	370	ug/Kg	12/01/25 15:15	PB170763
88-06-2	2,4,6-Trichlorophenol	22.0	U	1	22.0	190	ug/Kg	12/01/25 15:15	PB170763
95-95-4	2,4,5-Trichlorophenol	32.3	U	1	32.3	190	ug/Kg	12/01/25 15:15	PB170763
92-52-4	1,1-Biphenyl	24.2	U	1	24.2	190	ug/Kg	12/01/25 15:15	PB170763
91-58-7	2-Chloronaphthalene	25.0	U	1	25.0	190	ug/Kg	12/01/25 15:15	PB170763
88-74-4	2-Nitroaniline	53.4	U	1	53.4	190	ug/Kg	12/01/25 15:15	PB170763
131-11-3	Dimethylphthalate	30.1	U	1	30.1	190	ug/Kg	12/01/25 15:15	PB170763
208-96-8	Acenaphthylene	32.1	U	1	32.1	190	ug/Kg	12/01/25 15:15	PB170763
606-20-2	2,6-Dinitrotoluene	37.3	U	1	37.3	190	ug/Kg	12/01/25 15:15	PB170763
99-09-2	3-Nitroaniline	51.1	U	1	51.1	190	ug/Kg	12/01/25 15:15	PB170763
83-32-9	Acenaphthene	23.6	U	1	23.6	190	ug/Kg	12/01/25 15:15	PB170763
51-28-5	2,4-Dinitrophenol	250	U	1	250	370	ug/Kg	12/01/25 15:15	PB170763
100-02-7	4-Nitrophenol	120	U	1	120	370	ug/Kg	12/01/25 15:15	PB170763
132-64-9	Dibenzofuran	25.2	U	1	25.2	190	ug/Kg	12/01/25 15:15	PB170763
121-14-2	2,4-Dinitrotoluene	55.6	U	1	55.6	190	ug/Kg	12/01/25 15:15	PB170763
84-66-2	Diethylphthalate	31.4	U	1	31.4	190	ug/Kg	12/01/25 15:15	PB170763
7005-72-3	4-Chlorophenyl-phenylether	29.6	U	1	29.6	190	ug/Kg	12/01/25 15:15	PB170763
86-73-7	Fluorene	28.1	U	1	28.1	190	ug/Kg	12/01/25 15:15	PB170763
100-01-6	4-Nitroaniline	71.3	U	1	71.3	190	ug/Kg	12/01/25 15:15	PB170763
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1	110	370	ug/Kg	12/01/25 15:15	PB170763

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Project:	Diamond		Date Received:	11/26/25
Client Sample ID:	WC1		SDG No.:	Q3740
Lab Sample ID:	Q3740-01		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	90
Sample Wt/Vol:	30.03 g	Final Vol:	1000 uL	Test:
Prep Method :	SW3541	Prep Date:	12/01/25	SVOC-TCL BNA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	36.5	U	1	36.5	190	ug/Kg	12/01/25 15:15	PB170763
101-55-3	4-Bromophenyl-phenylether	30.9	U	1	30.9	190	ug/Kg	12/01/25 15:15	PB170763
118-74-1	Hexachlorobenzene	28.1	U	1	28.1	190	ug/Kg	12/01/25 15:15	PB170763
1912-24-9	Atrazine	37.7	U	1	37.7	190	ug/Kg	12/01/25 15:15	PB170763
87-86-5	Pentachlorophenol	56.9	U	1	56.9	370	ug/Kg	12/01/25 15:15	PB170763
85-01-8	Phenanthrene	220		1	23.2	190	ug/Kg	12/01/25 15:15	PB170763
120-12-7	Anthracene	37.0	U	1	37.0	190	ug/Kg	12/01/25 15:15	PB170763
86-74-8	Carbazole	34.6	U	1	34.6	190	ug/Kg	12/01/25 15:15	PB170763
84-74-2	Di-n-butylphthalate	53.2	U	1	53.2	190	ug/Kg	12/01/25 15:15	PB170763
206-44-0	Fluoranthene	430		1	33.3	190	ug/Kg	12/01/25 15:15	PB170763
129-00-0	Pyrene	290		1	40.0	190	ug/Kg	12/01/25 15:15	PB170763
85-68-7	Butylbenzylphthalate	79.3	U	1	79.3	190	ug/Kg	12/01/25 15:15	PB170763
91-94-1	3,3-Dichlorobenzidine	40.7	U	1	40.7	370	ug/Kg	12/01/25 15:15	PB170763
56-55-3	Benzo(a)anthracene	250		1	25.5	190	ug/Kg	12/01/25 15:15	PB170763
218-01-9	Chrysene	210		1	22.1	190	ug/Kg	12/01/25 15:15	PB170763
117-81-7	Bis(2-ethylhexyl)phthalate	65.7	U	1	65.7	190	ug/Kg	12/01/25 15:15	PB170763
117-84-0	Di-n-octyl phthalate	96.3	U	1	96.3	370	ug/Kg	12/01/25 15:15	PB170763
205-99-2	Benzo(b)fluoranthene	280		1	21.1	190	ug/Kg	12/01/25 15:15	PB170763
207-08-9	Benzo(k)fluoranthene	95.2	J	1	24.9	190	ug/Kg	12/01/25 15:15	PB170763
50-32-8	Benzo(a)pyrene	210		1	32.7	190	ug/Kg	12/01/25 15:15	PB170763
193-39-5	Indeno(1,2,3-cd)pyrene	76.1	J	1	32.3	190	ug/Kg	12/01/25 15:15	PB170763
53-70-3	Dibenzo(a,h)anthracene	30.4	U	1	30.4	190	ug/Kg	12/01/25 15:15	PB170763
191-24-2	Benzo(g,h,i)perylene	76.0	J	1	28.5	190	ug/Kg	12/01/25 15:15	PB170763
95-94-3	1,2,4,5-Tetrachlorobenzene	28.4	U	1	28.4	190	ug/Kg	12/01/25 15:15	PB170763
58-90-2	2,3,4,6-Tetrachlorophenol	30.4	U	1	30.4	190	ug/Kg	12/01/25 15:15	PB170763

SURROGATES

367-12-4	2-Fluorophenol	81.7			10 - 105	54%	SPK: 150
13127-88-3	Phenol-d6	82.6			10 - 103	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	58.3			10 - 108	58%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.8			10 - 108	59%	SPK: 100
118-79-6	2,4,6-Tribromophenol	68.1			10 - 116	45%	SPK: 150
1718-51-0	Terphenyl-d14	44.9			10 - 109	45%	SPK: 100

INTERNAL STANDARDS

	Area Count
3855-82-1	1,4-Dichlorobenzene-d4
1146-65-2	Naphthalene-d8
15067-26-2	Acenaphthene-d10
1517-22-2	Phenanthrene-d10
1719-03-5	Chrysene-d12
1520-96-3	Perylene-d12

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	270	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	500	J	11.9	ug/Kg
000544-76-3	Hexadecane	160	J	13.5	ug/Kg

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Analytical Method:	8270E	% Solid:	90
Sample Wt/Vol:	30.03 g	Test:	SVOC-TCL BNA
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000111-02-4	Squalene	310	J			13.6	ug/Kg		
000629-92-5	Nonadecane	160	J			14.6	ug/Kg		
000192-97-2	Benzo[e]pyrene	88.8	J			15.4	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