

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/14/25
Project:	PVWC Linear Construction	Date Received:	11/14/25
Client Sample ID:	B3-0.0-0.5-20251114	SDG No.:	Q3649
Lab Sample ID:	Q3649-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86
Sample Wt/Vol:	30.08 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/17/25		

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	11/17/25 22:09	PB170576
108-95-2	Phenol	25.6	U	1	25.6	200	ug/Kg	11/17/25 22:09	PB170576
111-44-4	bis(2-Chloroethyl)ether	28.2	U	1	28.2	200	ug/Kg	11/17/25 22:09	PB170576
95-57-8	2-Chlorophenol	28.3	U	1	28.3	200	ug/Kg	11/17/25 22:09	PB170576
95-48-7	2-Methylphenol	34.7	U	1	34.7	200	ug/Kg	11/17/25 22:09	PB170576
108-60-1	2,2-oxybis(1-Chloropropane)	43.5	U	1	43.5	200	ug/Kg	11/17/25 22:09	PB170576
98-86-2	Acetophenone	34.2	U	1	34.2	200	ug/Kg	11/17/25 22:09	PB170576
65794-96-9	3+4-Methylphenols	47.7	U	1	47.7	380	ug/Kg	11/17/25 22:09	PB170576
621-64-7	n-Nitroso-di-n-propylamine	55.0	U	1	55.0	92.8	ug/Kg	11/17/25 22:09	PB170576
67-72-1	Hexachloroethane	20.4	U	1	20.4	200	ug/Kg	11/17/25 22:09	PB170576
98-95-3	Nitrobenzene	21.2	U	1	21.2	200	ug/Kg	11/17/25 22:09	PB170576
78-59-1	Isophorone	38.0	U	1	38.0	200	ug/Kg	11/17/25 22:09	PB170576
88-75-5	2-Nitrophenol	67.5	U	1	67.5	200	ug/Kg	11/17/25 22:09	PB170576
105-67-9	2,4-Dimethylphenol	75.1	U	1	75.1	200	ug/Kg	11/17/25 22:09	PB170576
111-91-1	bis(2-Chloroethoxy)methane	35.7	U	1	35.7	200	ug/Kg	11/17/25 22:09	PB170576
120-83-2	2,4-Dichlorophenol	32.8	U	1	32.8	200	ug/Kg	11/17/25 22:09	PB170576
91-20-3	Naphthalene	26.3	U	1	26.3	200	ug/Kg	11/17/25 22:09	PB170576
106-47-8	4-Chloroaniline	41.1	UQ	1	41.1	200	ug/Kg	11/17/25 22:09	PB170576
87-68-3	Hexachlorobutadiene	29.3	U	1	29.3	200	ug/Kg	11/17/25 22:09	PB170576
105-60-2	Caprolactam	60.4	U	1	60.4	380	ug/Kg	11/17/25 22:09	PB170576
59-50-7	4-Chloro-3-methylphenol	33.3	U	1	33.3	200	ug/Kg	11/17/25 22:09	PB170576
91-57-6	2-Methylnaphthalene	29.7	U	1	29.7	200	ug/Kg	11/17/25 22:09	PB170576
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	380	ug/Kg	11/17/25 22:09	PB170576
88-06-2	2,4,6-Trichlorophenol	23.0	U	1	23.0	200	ug/Kg	11/17/25 22:09	PB170576
95-95-4	2,4,5-Trichlorophenol	33.7	U	1	33.7	200	ug/Kg	11/17/25 22:09	PB170576
92-52-4	1,1-Biphenyl	25.3	U	1	25.3	200	ug/Kg	11/17/25 22:09	PB170576
91-58-7	2-Chloronaphthalene	26.1	U	1	26.1	200	ug/Kg	11/17/25 22:09	PB170576
88-74-4	2-Nitroaniline	55.8	U	1	55.8	200	ug/Kg	11/17/25 22:09	PB170576
131-11-3	Dimethylphthalate	31.4	U	1	31.4	200	ug/Kg	11/17/25 22:09	PB170576
208-96-8	Acenaphthylene	33.5	U	1	33.5	200	ug/Kg	11/17/25 22:09	PB170576
606-20-2	2,6-Dinitrotoluene	39.0	U	1	39.0	200	ug/Kg	11/17/25 22:09	PB170576
99-09-2	3-Nitroaniline	53.3	UQ	1	53.3	200	ug/Kg	11/17/25 22:09	PB170576
83-32-9	Acenaphthene	24.7	U	1	24.7	200	ug/Kg	11/17/25 22:09	PB170576
51-28-5	2,4-Dinitrophenol	270	U	1	270	380	ug/Kg	11/17/25 22:09	PB170576
100-02-7	4-Nitrophenol	120	U	1	120	380	ug/Kg	11/17/25 22:09	PB170576
132-64-9	Dibenzofuran	26.3	U	1	26.3	200	ug/Kg	11/17/25 22:09	PB170576
121-14-2	2,4-Dinitrotoluene	58.1	U	1	58.1	200	ug/Kg	11/17/25 22:09	PB170576
84-66-2	Diethylphthalate	32.8	U	1	32.8	200	ug/Kg	11/17/25 22:09	PB170576
7005-72-3	4-Chlorophenyl-phenylether	31.0	U	1	31.0	200	ug/Kg	11/17/25 22:09	PB170576
86-73-7	Fluorene	29.3	U	1	29.3	200	ug/Kg	11/17/25 22:09	PB170576
100-01-6	4-Nitroaniline	74.5	U	1	74.5	200	ug/Kg	11/17/25 22:09	PB170576
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	380	ug/Kg	11/17/25 22:09	PB170576

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Lab Sample ID:	Q3649-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86
Sample Wt/Vol:	30.08 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Level:	LOW
		Final Vol:	1000 uL
		Prep Date:	11/17/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.2	U	1	38.2	200	ug/Kg	11/17/25 22:09	PB170576
101-55-3	4-Bromophenyl-phenylether	32.2	U	1	32.2	200	ug/Kg	11/17/25 22:09	PB170576
118-74-1	Hexachlorobenzene	29.3	U	1	29.3	200	ug/Kg	11/17/25 22:09	PB170576
1912-24-9	Atrazine	39.4	U	1	39.4	200	ug/Kg	11/17/25 22:09	PB170576
87-86-5	Pentachlorophenol	59.5	U	1	59.5	380	ug/Kg	11/17/25 22:09	PB170576
85-01-8	Phenanthrene	24.2	U	1	24.2	200	ug/Kg	11/17/25 22:09	PB170576
120-12-7	Anthracene	38.6	U	1	38.6	200	ug/Kg	11/17/25 22:09	PB170576
86-74-8	Carbazole	36.2	U	1	36.2	200	ug/Kg	11/17/25 22:09	PB170576
84-74-2	Di-n-butylphthalate	55.5	U	1	55.5	200	ug/Kg	11/17/25 22:09	PB170576
206-44-0	Fluoranthene	34.8	U	1	34.8	200	ug/Kg	11/17/25 22:09	PB170576
129-00-0	Pyrene	41.7	U	1	41.7	200	ug/Kg	11/17/25 22:09	PB170576
85-68-7	Butylbenzylphthalate	82.8	U	1	82.8	200	ug/Kg	11/17/25 22:09	PB170576
91-94-1	3,3-Dichlorobenzidine	42.6	UQ	1	42.6	380	ug/Kg	11/17/25 22:09	PB170576
56-55-3	Benzo(a)anthracene	26.7	U	1	26.7	200	ug/Kg	11/17/25 22:09	PB170576
218-01-9	Chrysene	23.1	U	1	23.1	200	ug/Kg	11/17/25 22:09	PB170576
117-81-7	Bis(2-ethylhexyl)phthalate	68.7	U	1	68.7	200	ug/Kg	11/17/25 22:09	PB170576
117-84-0	Di-n-octyl phthalate	100	U	1	100	380	ug/Kg	11/17/25 22:09	PB170576
205-99-2	Benzo(b)fluoranthene	22.0	U	1	22.0	200	ug/Kg	11/17/25 22:09	PB170576
207-08-9	Benzo(k)fluoranthene	26.0	U	1	26.0	200	ug/Kg	11/17/25 22:09	PB170576
50-32-8	Benzo(a)pyrene	34.2	U	1	34.2	200	ug/Kg	11/17/25 22:09	PB170576
193-39-5	Indeno(1,2,3-cd)pyrene	33.7	U	1	33.7	200	ug/Kg	11/17/25 22:09	PB170576
53-70-3	Dibenzo(a,h)anthracene	31.8	U	1	31.8	200	ug/Kg	11/17/25 22:09	PB170576
191-24-2	Benzo(g,h,i)perylene	29.8	U	1	29.8	200	ug/Kg	11/17/25 22:09	PB170576
95-94-3	1,2,4,5-Tetrachlorobenzene	29.7	U	1	29.7	200	ug/Kg	11/17/25 22:09	PB170576
123-91-1	1,4-Dioxane	52.4	U	1	52.4	200	ug/Kg	11/17/25 22:09	PB170576
58-90-2	2,3,4,6-Tetrachlorophenol	31.8	U	1	31.8	200	ug/Kg	11/17/25 22:09	PB170576

SURROGATES

367-12-4	2-Fluorophenol	121		30 (10) - 130 (105)	81%	SPK: 150
13127-88-3	Phenol-d6	120		30 (10) - 130 (103)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.8		30 (10) - 130 (108)	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.8		30 (10) - 130 (108)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		30 (10) - 130 (116)	82%	SPK: 150
1718-51-0	Terphenyl-d14	79.1		30 (10) - 130 (109)	79%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	36100
1146-65-2	Naphthalene-d8	135000
15067-26-2	Acenaphthene-d10	107000
1517-22-2	Phenanthrene-d10	269000
1719-03-5	Chrysene-d12	356000
1520-96-3	Perylene-d12	358000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	290	J	16.1	ug/Kg
000057-10-3	n-Hexadecanoic acid	200	J	18.4	ug/Kg

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	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.08 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	180	J			19.9	ug/Kg		
959085-66-6	Heptadecyl heptafluorobutyrate	150	J			21.4	ug/Kg		
1000131-11-8	Z-5-Nonadecene	99.0	J			24.1	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