

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/14/25
Project:	PVWC Linear Construction	Date Received:	11/14/25
Client Sample ID:	B3-0.0-0.5-20251114MS	SDG No.:	Q3649
Lab Sample ID:	Q3649-08MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86
Sample Wt/Vol:	30.04 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	1300		1	180	380	ug/Kg	11/17/25 22:50	PB170576
108-95-2	Phenol	2000		1	25.7	200	ug/Kg	11/17/25 22:50	PB170576
111-44-4	bis(2-Chloroethyl)ether	1800		1	28.2	200	ug/Kg	11/17/25 22:50	PB170576
95-57-8	2-Chlorophenol	1900		1	28.3	200	ug/Kg	11/17/25 22:50	PB170576
95-48-7	2-Methylphenol	1900		1	34.7	200	ug/Kg	11/17/25 22:50	PB170576
108-60-1	2,2-oxybis(1-Chloropropane)	1700		1	43.5	200	ug/Kg	11/17/25 22:50	PB170576
98-86-2	Acetophenone	1800		1	34.3	200	ug/Kg	11/17/25 22:50	PB170576
65794-96-9	3+4-Methylphenols	1900		1	47.7	380	ug/Kg	11/17/25 22:50	PB170576
621-64-7	n-Nitroso-di-n-propylamine	1800		1	55.0	92.9	ug/Kg	11/17/25 22:50	PB170576
67-72-1	Hexachloroethane	1800		1	20.4	200	ug/Kg	11/17/25 22:50	PB170576
98-95-3	Nitrobenzene	1800		1	21.3	200	ug/Kg	11/17/25 22:50	PB170576
78-59-1	Isophorone	1800		1	38.1	200	ug/Kg	11/17/25 22:50	PB170576
88-75-5	2-Nitrophenol	2000		1	67.6	200	ug/Kg	11/17/25 22:50	PB170576
105-67-9	2,4-Dimethylphenol	1900		1	75.2	200	ug/Kg	11/17/25 22:50	PB170576
111-91-1	bis(2-Chloroethoxy)methane	1900		1	35.8	200	ug/Kg	11/17/25 22:50	PB170576
120-83-2	2,4-Dichlorophenol	2000		1	32.9	200	ug/Kg	11/17/25 22:50	PB170576
91-20-3	Naphthalene	1800		1	26.4	200	ug/Kg	11/17/25 22:50	PB170576
106-47-8	4-Chloroaniline	450		1	41.1	200	ug/Kg	11/17/25 22:50	PB170576
87-68-3	Hexachlorobutadiene	1700		1	29.4	200	ug/Kg	11/17/25 22:50	PB170576
105-60-2	Caprolactam	1900		1	60.5	380	ug/Kg	11/17/25 22:50	PB170576
59-50-7	4-Chloro-3-methylphenol	2000		1	33.3	200	ug/Kg	11/17/25 22:50	PB170576
91-57-6	2-Methylnaphthalene	1600		1	29.7	200	ug/Kg	11/17/25 22:50	PB170576
77-47-4	Hexachlorocyclopentadiene	3500	E	1	130	380	ug/Kg	11/17/25 22:50	PB170576
88-06-2	2,4,6-Trichlorophenol	1900		1	23.0	200	ug/Kg	11/17/25 22:50	PB170576
95-95-4	2,4,5-Trichlorophenol	1900		1	33.8	200	ug/Kg	11/17/25 22:50	PB170576
92-52-4	1,1-Biphenyl	1900		1	25.3	200	ug/Kg	11/17/25 22:50	PB170576
91-58-7	2-Chloronaphthalene	1800		1	26.1	200	ug/Kg	11/17/25 22:50	PB170576
88-74-4	2-Nitroaniline	2000		1	55.9	200	ug/Kg	11/17/25 22:50	PB170576
131-11-3	Dimethylphthalate	1800		1	31.5	200	ug/Kg	11/17/25 22:50	PB170576
208-96-8	Acenaphthylene	1900		1	33.6	200	ug/Kg	11/17/25 22:50	PB170576
606-20-2	2,6-Dinitrotoluene	2000		1	39.0	200	ug/Kg	11/17/25 22:50	PB170576
99-09-2	3-Nitroaniline	810		1	53.4	200	ug/Kg	11/17/25 22:50	PB170576
83-32-9	Acenaphthene	2100		1	24.7	200	ug/Kg	11/17/25 22:50	PB170576
51-28-5	2,4-Dinitrophenol	3800	E	1	270	380	ug/Kg	11/17/25 22:50	PB170576
100-02-7	4-Nitrophenol	4100	E	1	120	380	ug/Kg	11/17/25 22:50	PB170576
132-64-9	Dibenzofuran	1800		1	26.4	200	ug/Kg	11/17/25 22:50	PB170576
121-14-2	2,4-Dinitrotoluene	2000		1	58.2	200	ug/Kg	11/17/25 22:50	PB170576
84-66-2	Diethylphthalate	1800		1	32.9	200	ug/Kg	11/17/25 22:50	PB170576
7005-72-3	4-Chlorophenyl-phenylether	1800		1	31.0	200	ug/Kg	11/17/25 22:50	PB170576
86-73-7	Fluorene	1800		1	29.4	200	ug/Kg	11/17/25 22:50	PB170576
100-01-6	4-Nitroaniline	1800		1	74.6	200	ug/Kg	11/17/25 22:50	PB170576
534-52-1	4,6-Dinitro-2-methylphenol	2200		1	120	380	ug/Kg	11/17/25 22:50	PB170576

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Sample Wt/Vol:	30.04 g	Test:	SVOC-TCL BNA -20
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	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	1900		1	38.2	200	ug/Kg	11/17/25 22:50	PB170576
101-55-3	4-Bromophenyl-phenylether	1900		1	32.3	200	ug/Kg	11/17/25 22:50	PB170576
118-74-1	Hexachlorobenzene	1800		1	29.4	200	ug/Kg	11/17/25 22:50	PB170576
1912-24-9	Atrazine	1900		1	39.5	200	ug/Kg	11/17/25 22:50	PB170576
87-86-5	Pentachlorophenol	3900	E	1	59.6	380	ug/Kg	11/17/25 22:50	PB170576
85-01-8	Phenanthrene	1900		1	24.3	200	ug/Kg	11/17/25 22:50	PB170576
120-12-7	Anthracene	1900		1	38.7	200	ug/Kg	11/17/25 22:50	PB170576
86-74-8	Carbazole	1900		1	36.2	200	ug/Kg	11/17/25 22:50	PB170576
84-74-2	Di-n-butylphthalate	1900		1	55.6	200	ug/Kg	11/17/25 22:50	PB170576
206-44-0	Fluoranthene	1800		1	34.8	200	ug/Kg	11/17/25 22:50	PB170576
129-00-0	Pyrene	2000		1	41.8	200	ug/Kg	11/17/25 22:50	PB170576
85-68-7	Butylbenzylphthalate	2000		1	82.9	200	ug/Kg	11/17/25 22:50	PB170576
91-94-1	3,3-Dichlorobenzidine	770		1	42.6	380	ug/Kg	11/17/25 22:50	PB170576
56-55-3	Benzo(a)anthracene	1800		1	26.7	200	ug/Kg	11/17/25 22:50	PB170576
218-01-9	Chrysene	1800		1	23.1	200	ug/Kg	11/17/25 22:50	PB170576
117-81-7	Bis(2-ethylhexyl)phthalate	1900		1	68.7	200	ug/Kg	11/17/25 22:50	PB170576
117-84-0	Di-n-octyl phthalate	1900		1	100	380	ug/Kg	11/17/25 22:50	PB170576
205-99-2	Benzo(b)fluoranthene	1900		1	22.1	200	ug/Kg	11/17/25 22:50	PB170576
207-08-9	Benzo(k)fluoranthene	1900		1	26.0	200	ug/Kg	11/17/25 22:50	PB170576
50-32-8	Benzo(a)pyrene	1900		1	34.3	200	ug/Kg	11/17/25 22:50	PB170576
193-39-5	Indeno(1,2,3-cd)pyrene	2000		1	33.8	200	ug/Kg	11/17/25 22:50	PB170576
53-70-3	Dibenzo(a,h)anthracene	2000		1	31.8	200	ug/Kg	11/17/25 22:50	PB170576
191-24-2	Benzo(g,h,i)perylene	2000		1	29.8	200	ug/Kg	11/17/25 22:50	PB170576
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		1	29.7	200	ug/Kg	11/17/25 22:50	PB170576
123-91-1	1,4-Dioxane	1600		1	52.5	200	ug/Kg	11/17/25 22:50	PB170576
58-90-2	2,3,4,6-Tetrachlorophenol	2000		1	31.8	200	ug/Kg	11/17/25 22:50	PB170576

SURROGATES

367-12-4	2-Fluorophenol	111			30 (10) - 130 (105)	74%	SPK: 150
13127-88-3	Phenol-d6	115			30 (10) - 130 (103)	77%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.6			30 (10) - 130 (108)	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.8			30 (10) - 130 (108)	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111			30 (10) - 130 (116)	74%	SPK: 150
1718-51-0	Terphenyl-d14	75.6			30 (10) - 130 (109)	76%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	35600
1146-65-2	Naphthalene-d8	138000
15067-26-2	Acenaphthene-d10	109000
1517-22-2	Phenanthrene-d10	265000
1719-03-5	Chrysene-d12	333000
1520-96-3	Perylene-d12	342000

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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