

Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/23/25
Project:	PVWC Linear Construction	Date Received:	10/24/25
Client Sample ID:	B8-0.0-1.0-20251023	SDG No.:	Q3466
Lab Sample ID:	Q3466-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.3
Sample Wt/Vol:	30.04 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	180	U	1	180	390	ug/Kg	10/29/25 18:31	PB170285
108-95-2	Phenol	25.9	U	1	25.9	200	ug/Kg	10/29/25 18:31	PB170285
111-44-4	bis(2-Chloroethyl)ether	28.4	U	1	28.4	200	ug/Kg	10/29/25 18:31	PB170285
95-57-8	2-Chlorophenol	28.6	U	1	28.6	200	ug/Kg	10/29/25 18:31	PB170285
95-48-7	2-Methylphenol	35.0	U	1	35.0	200	ug/Kg	10/29/25 18:31	PB170285
108-60-1	2,2-oxybis(1-Chloropropane)	43.9	U	1	43.9	200	ug/Kg	10/29/25 18:31	PB170285
98-86-2	Acetophenone	34.5	U	1	34.5	200	ug/Kg	10/29/25 18:31	PB170285
65794-96-9	3+4-Methylphenols	48.1	U	1	48.1	390	ug/Kg	10/29/25 18:31	PB170285
621-64-7	n-Nitroso-di-n-propylamine	55.5	U	1	55.5	93.7	ug/Kg	10/29/25 18:31	PB170285
67-72-1	Hexachloroethane	20.6	U	1	20.6	200	ug/Kg	10/29/25 18:31	PB170285
98-95-3	Nitrobenzene	21.4	U	1	21.4	200	ug/Kg	10/29/25 18:31	PB170285
78-59-1	Isophorone	38.4	U	1	38.4	200	ug/Kg	10/29/25 18:31	PB170285
88-75-5	2-Nitrophenol	68.1	U	1	68.1	200	ug/Kg	10/29/25 18:31	PB170285
105-67-9	2,4-Dimethylphenol	75.9	U	1	75.9	200	ug/Kg	10/29/25 18:31	PB170285
111-91-1	bis(2-Chloroethoxy)methane	36.1	U	1	36.1	200	ug/Kg	10/29/25 18:31	PB170285
120-83-2	2,4-Dichlorophenol	33.1	U	1	33.1	200	ug/Kg	10/29/25 18:31	PB170285
91-20-3	Naphthalene	26.6	U	1	26.6	200	ug/Kg	10/29/25 18:31	PB170285
106-47-8	4-Chloroaniline	41.4	UQ	1	41.4	200	ug/Kg	10/29/25 18:31	PB170285
87-68-3	Hexachlorobutadiene	29.6	U	1	29.6	200	ug/Kg	10/29/25 18:31	PB170285
105-60-2	Caprolactam	61.0	U	1	61.0	390	ug/Kg	10/29/25 18:31	PB170285
59-50-7	4-Chloro-3-methylphenol	33.6	U	1	33.6	200	ug/Kg	10/29/25 18:31	PB170285
91-57-6	2-Methylnaphthalene	30.0	U	1	30.0	200	ug/Kg	10/29/25 18:31	PB170285
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	390	ug/Kg	10/29/25 18:31	PB170285
88-06-2	2,4,6-Trichlorophenol	23.2	U	1	23.2	200	ug/Kg	10/29/25 18:31	PB170285
95-95-4	2,4,5-Trichlorophenol	34.1	U	1	34.1	200	ug/Kg	10/29/25 18:31	PB170285
92-52-4	1,1-Biphenyl	25.5	U	1	25.5	200	ug/Kg	10/29/25 18:31	PB170285
91-58-7	2-Chloronaphthalene	26.3	U	1	26.3	200	ug/Kg	10/29/25 18:31	PB170285
88-74-4	2-Nitroaniline	56.3	U	1	56.3	200	ug/Kg	10/29/25 18:31	PB170285
131-11-3	Dimethylphthalate	31.7	U	1	31.7	200	ug/Kg	10/29/25 18:31	PB170285
208-96-8	Acenaphthylene	33.8	U	1	33.8	200	ug/Kg	10/29/25 18:31	PB170285
606-20-2	2,6-Dinitrotoluene	39.3	U	1	39.3	200	ug/Kg	10/29/25 18:31	PB170285
99-09-2	3-Nitroaniline	53.9	U	1	53.9	200	ug/Kg	10/29/25 18:31	PB170285
83-32-9	Acenaphthene	24.9	U	1	24.9	200	ug/Kg	10/29/25 18:31	PB170285
51-28-5	2,4-Dinitrophenol	270	U	1	270	390	ug/Kg	10/29/25 18:31	PB170285
100-02-7	4-Nitrophenol	130	U	1	130	390	ug/Kg	10/29/25 18:31	PB170285
132-64-9	Dibenzofuran	26.6	U	1	26.6	200	ug/Kg	10/29/25 18:31	PB170285
121-14-2	2,4-Dinitrotoluene	58.7	U	1	58.7	200	ug/Kg	10/29/25 18:31	PB170285
84-66-2	Diethylphthalate	33.1	U	1	33.1	200	ug/Kg	10/29/25 18:31	PB170285
7005-72-3	4-Chlorophenyl-phenylether	31.3	U	1	31.3	200	ug/Kg	10/29/25 18:31	PB170285
86-73-7	Fluorene	29.6	U	1	29.6	200	ug/Kg	10/29/25 18:31	PB170285
100-01-6	4-Nitroaniline	75.2	U	1	75.2	200	ug/Kg	10/29/25 18:31	PB170285
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	390	ug/Kg	10/29/25 18:31	PB170285

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Analytical Method:	8270E	% Solid:	85.3
Sample Wt/Vol:	30.04 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Level: LOW	
		Final Vol:	1000 uL
		Prep Date:	10/28/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.5	U	1	38.5	200	ug/Kg	10/29/25 18:31	PB170285
101-55-3	4-Bromophenyl-phenylether	32.5	U	1	32.5	200	ug/Kg	10/29/25 18:31	PB170285
118-74-1	Hexachlorobenzene	29.6	U	1	29.6	200	ug/Kg	10/29/25 18:31	PB170285
1912-24-9	Atrazine	39.8	U	1	39.8	200	ug/Kg	10/29/25 18:31	PB170285
87-86-5	Pentachlorophenol	60.1	U	1	60.1	390	ug/Kg	10/29/25 18:31	PB170285
85-01-8	Phenanthrene	170	J	1	24.5	200	ug/Kg	10/29/25 18:31	PB170285
120-12-7	Anthracene	39.0	U	1	39.0	200	ug/Kg	10/29/25 18:31	PB170285
86-74-8	Carbazole	36.5	U	1	36.5	200	ug/Kg	10/29/25 18:31	PB170285
84-74-2	Di-n-butylphthalate	56.1	U	1	56.1	200	ug/Kg	10/29/25 18:31	PB170285
206-44-0	Fluoranthene	250		1	35.1	200	ug/Kg	10/29/25 18:31	PB170285
129-00-0	Pyrene	180	J	1	42.1	200	ug/Kg	10/29/25 18:31	PB170285
85-68-7	Butylbenzylphthalate	83.6	U	1	83.6	200	ug/Kg	10/29/25 18:31	PB170285
91-94-1	3,3-Dichlorobenzidine	43.0	UQ	1	43.0	390	ug/Kg	10/29/25 18:31	PB170285
56-55-3	Benzo(a)anthracene	130	J	1	26.9	200	ug/Kg	10/29/25 18:31	PB170285
218-01-9	Chrysene	130	J	1	23.3	200	ug/Kg	10/29/25 18:31	PB170285
117-81-7	Bis(2-ethylhexyl)phthalate	220		1	69.3	200	ug/Kg	10/29/25 18:31	PB170285
117-84-0	Di-n-octyl phthalate	100	U	1	100	390	ug/Kg	10/29/25 18:31	PB170285
205-99-2	Benzo(b)fluoranthene	180	J	1	22.2	200	ug/Kg	10/29/25 18:31	PB170285
207-08-9	Benzo(k)fluoranthene	26.2	U	1	26.2	200	ug/Kg	10/29/25 18:31	PB170285
50-32-8	Benzo(a)pyrene	120	J	1	34.5	200	ug/Kg	10/29/25 18:31	PB170285
193-39-5	Indeno(1,2,3-cd)pyrene	34.1	U	1	34.1	200	ug/Kg	10/29/25 18:31	PB170285
53-70-3	Dibenzo(a,h)anthracene	32.1	U	1	32.1	200	ug/Kg	10/29/25 18:31	PB170285
191-24-2	Benzo(g,h,i)perylene	30.1	U	1	30.1	200	ug/Kg	10/29/25 18:31	PB170285
95-94-3	1,2,4,5-Tetrachlorobenzene	30.0	U	1	30.0	200	ug/Kg	10/29/25 18:31	PB170285
123-91-1	1,4-Dioxane	52.9	U	1	52.9	200	ug/Kg	10/29/25 18:31	PB170285
58-90-2	2,3,4,6-Tetrachlorophenol	32.1	U	1	32.1	200	ug/Kg	10/29/25 18:31	PB170285

SURROGATES

367-12-4	2-Fluorophenol	79.8			30 (18) - 130 (112)	53%	SPK: 150
13127-88-3	Phenol-d6	82.5			30 (15) - 130 (107)	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	55.2			30 (18) - 130 (107)	55%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.7			30 (20) - 130 (109)	53%	SPK: 100
118-79-6	2,4,6-Tribromophenol	76.6			30 (10) - 130 (116)	51%	SPK: 150
1718-51-0	Terphenyl-d14	43.0			30 (10) - 130 (105)	43%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	58800
1146-65-2	Naphthalene-d8	219000
15067-26-2	Acenaphthene-d10	119000
1517-22-2	Phenanthrene-d10	198000
1719-03-5	Chrysene-d12	172000
1520-96-3	Perylene-d12	189000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	240	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	180	J	11.9	ug/Kg

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	Final Vol: 1000 uL		
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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