

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/17/25
Project:	PVWC Linear Construction	Date Received:	11/18/25
Client Sample ID:	B3-0.0-1.0-20251117	SDG No.:	Q3662
Lab Sample ID:	Q3662-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.7
Sample Wt/Vol:	30.06 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/19/25		

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	11/20/25 18:56	PB170631
108-95-2	Phenol	26.0	U	1	26.0	200	ug/Kg	11/20/25 18:56	PB170631
111-44-4	bis(2-Chloroethyl)ether	28.6	U	1	28.6	200	ug/Kg	11/20/25 18:56	PB170631
95-57-8	2-Chlorophenol	28.8	U	1	28.8	200	ug/Kg	11/20/25 18:56	PB170631
95-48-7	2-Methylphenol	35.2	U	1	35.2	200	ug/Kg	11/20/25 18:56	PB170631
108-60-1	2,2-oxybis(1-Chloropropane)	44.2	U	1	44.2	200	ug/Kg	11/20/25 18:56	PB170631
98-86-2	Acetophenone	34.8	U	1	34.8	200	ug/Kg	11/20/25 18:56	PB170631
65794-96-9	3+4-Methylphenols	48.4	U	1	48.4	390	ug/Kg	11/20/25 18:56	PB170631
621-64-7	n-Nitroso-di-n-propylamine	55.9	U	1	55.9	94.3	ug/Kg	11/20/25 18:56	PB170631
67-72-1	Hexachloroethane	20.7	U	1	20.7	200	ug/Kg	11/20/25 18:56	PB170631
98-95-3	Nitrobenzene	21.6	U	1	21.6	200	ug/Kg	11/20/25 18:56	PB170631
78-59-1	Isophorone	38.6	U	1	38.6	200	ug/Kg	11/20/25 18:56	PB170631
88-75-5	2-Nitrophenol	68.6	U	1	68.6	200	ug/Kg	11/20/25 18:56	PB170631
105-67-9	2,4-Dimethylphenol	76.4	U	1	76.4	200	ug/Kg	11/20/25 18:56	PB170631
111-91-1	bis(2-Chloroethoxy)methane	36.3	U	1	36.3	200	ug/Kg	11/20/25 18:56	PB170631
120-83-2	2,4-Dichlorophenol	33.3	U	1	33.3	200	ug/Kg	11/20/25 18:56	PB170631
91-20-3	Naphthalene	26.7	U	1	26.7	200	ug/Kg	11/20/25 18:56	PB170631
106-47-8	4-Chloroaniline	41.7	UQ	1	41.7	200	ug/Kg	11/20/25 18:56	PB170631
87-68-3	Hexachlorobutadiene	29.8	U	1	29.8	200	ug/Kg	11/20/25 18:56	PB170631
105-60-2	Caprolactam	61.4	U	1	61.4	390	ug/Kg	11/20/25 18:56	PB170631
59-50-7	4-Chloro-3-methylphenol	33.8	U	1	33.8	200	ug/Kg	11/20/25 18:56	PB170631
91-57-6	2-Methylnaphthalene	30.2	U	1	30.2	200	ug/Kg	11/20/25 18:56	PB170631
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	390	ug/Kg	11/20/25 18:56	PB170631
88-06-2	2,4,6-Trichlorophenol	23.3	U	1	23.3	200	ug/Kg	11/20/25 18:56	PB170631
95-95-4	2,4,5-Trichlorophenol	34.3	U	1	34.3	200	ug/Kg	11/20/25 18:56	PB170631
92-52-4	1,1-Biphenyl	25.7	U	1	25.7	200	ug/Kg	11/20/25 18:56	PB170631
91-58-7	2-Chloronaphthalene	26.5	U	1	26.5	200	ug/Kg	11/20/25 18:56	PB170631
88-74-4	2-Nitroaniline	56.7	U	1	56.7	200	ug/Kg	11/20/25 18:56	PB170631
131-11-3	Dimethylphthalate	31.9	U	1	31.9	200	ug/Kg	11/20/25 18:56	PB170631
208-96-8	Acenaphthylene	34.1	U	1	34.1	200	ug/Kg	11/20/25 18:56	PB170631
606-20-2	2,6-Dinitrotoluene	39.6	U	1	39.6	200	ug/Kg	11/20/25 18:56	PB170631
99-09-2	3-Nitroaniline	54.2	UQ	1	54.2	200	ug/Kg	11/20/25 18:56	PB170631
83-32-9	Acenaphthene	25.1	U	1	25.1	200	ug/Kg	11/20/25 18:56	PB170631
51-28-5	2,4-Dinitrophenol	270	U	1	270	390	ug/Kg	11/20/25 18:56	PB170631
100-02-7	4-Nitrophenol	130	U	1	130	390	ug/Kg	11/20/25 18:56	PB170631
132-64-9	Dibenzofuran	26.7	U	1	26.7	200	ug/Kg	11/20/25 18:56	PB170631
121-14-2	2,4-Dinitrotoluene	59.0	U	1	59.0	200	ug/Kg	11/20/25 18:56	PB170631
84-66-2	Diethylphthalate	33.3	U	1	33.3	200	ug/Kg	11/20/25 18:56	PB170631
7005-72-3	4-Chlorophenyl-phenylether	31.5	U	1	31.5	200	ug/Kg	11/20/25 18:56	PB170631
86-73-7	Fluorene	29.8	U	1	29.8	200	ug/Kg	11/20/25 18:56	PB170631
100-01-6	4-Nitroaniline	75.6	U	1	75.6	200	ug/Kg	11/20/25 18:56	PB170631
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	390	ug/Kg	11/20/25 18:56	PB170631

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Lab Sample ID:	Q3662-02		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	84.7
Sample Wt/Vol:	30.06 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 11/19/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	38.8	U	1	38.8	200	ug/Kg	11/20/25 18:56	PB170631
101-55-3	4-Bromophenyl-phenylether	32.8	U	1	32.8	200	ug/Kg	11/20/25 18:56	PB170631
118-74-1	Hexachlorobenzene	29.8	U	1	29.8	200	ug/Kg	11/20/25 18:56	PB170631
1912-24-9	Atrazine	40.1	U	1	40.1	200	ug/Kg	11/20/25 18:56	PB170631
87-86-5	Pentachlorophenol	60.4	U	1	60.4	390	ug/Kg	11/20/25 18:56	PB170631
85-01-8	Phenanthrene	94.7	J	1	24.6	200	ug/Kg	11/20/25 18:56	PB170631
120-12-7	Anthracene	39.2	U	1	39.2	200	ug/Kg	11/20/25 18:56	PB170631
86-74-8	Carbazole	36.8	U	1	36.8	200	ug/Kg	11/20/25 18:56	PB170631
84-74-2	Di-n-butylphthalate	56.4	U	1	56.4	200	ug/Kg	11/20/25 18:56	PB170631
206-44-0	Fluoranthene	270		1	35.3	200	ug/Kg	11/20/25 18:56	PB170631
129-00-0	Pyrene	190	J	1	42.4	200	ug/Kg	11/20/25 18:56	PB170631
85-68-7	Butylbenzylphthalate	84.1	U	1	84.1	200	ug/Kg	11/20/25 18:56	PB170631
91-94-1	3,3-Dichlorobenzidine	43.2	U	1	43.2	390	ug/Kg	11/20/25 18:56	PB170631
56-55-3	Benzo(a)anthracene	120	J	1	27.1	200	ug/Kg	11/20/25 18:56	PB170631
218-01-9	Chrysene	120	J	1	23.4	200	ug/Kg	11/20/25 18:56	PB170631
117-81-7	Bis(2-ethylhexyl)phthalate	69.8	U	1	69.8	200	ug/Kg	11/20/25 18:56	PB170631
117-84-0	Di-n-octyl phthalate	100	U	1	100	390	ug/Kg	11/20/25 18:56	PB170631
205-99-2	Benzo(b)fluoranthene	170	J	1	22.4	200	ug/Kg	11/20/25 18:56	PB170631
207-08-9	Benzo(k)fluoranthene	26.4	U	1	26.4	200	ug/Kg	11/20/25 18:56	PB170631
50-32-8	Benzo(a)pyrene	130	J	1	34.8	200	ug/Kg	11/20/25 18:56	PB170631
193-39-5	Indeno(1,2,3-cd)pyrene	34.3	U	1	34.3	200	ug/Kg	11/20/25 18:56	PB170631
53-70-3	Dibenzo(a,h)anthracene	32.3	U	1	32.3	200	ug/Kg	11/20/25 18:56	PB170631
191-24-2	Benzo(g,h,i)perylene	30.3	U	1	30.3	200	ug/Kg	11/20/25 18:56	PB170631
95-94-3	1,2,4,5-Tetrachlorobenzene	30.2	U	1	30.2	200	ug/Kg	11/20/25 18:56	PB170631
123-91-1	1,4-Dioxane	53.3	U	1	53.3	200	ug/Kg	11/20/25 18:56	PB170631
58-90-2	2,3,4,6-Tetrachlorophenol	32.3	U	1	32.3	200	ug/Kg	11/20/25 18:56	PB170631

SURROGATES

367-12-4	2-Fluorophenol	83.8			30 (10) - 130 (105)	56%	SPK: 150
13127-88-3	Phenol-d6	82.8			30 (10) - 130 (103)	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.1			30 (10) - 130 (108)	59%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.1			30 (10) - 130 (108)	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	79.8			30 (10) - 130 (116)	53%	SPK: 150
1718-51-0	Terphenyl-d14	47.5			30 (10) - 130 (109)	47%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	46500
1146-65-2	Naphthalene-d8	166000
15067-26-2	Acenaphthene-d10	89400
1517-22-2	Phenanthrene-d10	159000
1719-03-5	Chrysene-d12	138000
1520-96-3	Perylene-d12	111000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	260	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	390	J	11.9	ug/Kg

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	Level: LOW	Test:	SVOC-TCL BNA -20
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	Final Vol: 1000 uL		
Prep Method :	SW3541		
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000143-07-7	Dodecanoic acid	82.9	J			12.7	ug/Kg		
1000351-75-0	Hexacosyl trifluoroacetate	170	J			13.9	ug/Kg		
000112-95-8	Eicosane	220	J			15.1	ug/Kg		
000629-94-7	Heneicosane	250	J			16.0	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