

Report of Analysis

Client:	HDR, Inc.		Date Collected:	11/17/25
Project:	PVWC Linear Construction		Date Received:	11/18/25
Client Sample ID:	B3-0.0-1.0-20251117MSD		SDG No.:	Q3662
Lab Sample ID:	Q3662-02MSD		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	84.7
Sample Wt/Vol:	30.07 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
TARGETS									
100-52-7	Benzaldehyde	1700		1	180	390	ug/Kg	11/20/25 19:56	PB170631
108-95-2	Phenol	1800		1	26.0	200	ug/Kg	11/20/25 19:56	PB170631
111-44-4	bis(2-Chloroethyl)ether	2000		1	28.6	200	ug/Kg	11/20/25 19:56	PB170631
95-57-8	2-Chlorophenol	1900		1	28.7	200	ug/Kg	11/20/25 19:56	PB170631
95-48-7	2-Methylphenol	1900		1	35.2	200	ug/Kg	11/20/25 19:56	PB170631
108-60-1	2,2-oxybis(1-Chloropropane)	1900		1	44.2	200	ug/Kg	11/20/25 19:56	PB170631
98-86-2	Acetophenone	2000		1	34.7	200	ug/Kg	11/20/25 19:56	PB170631
65794-96-9	3+4-Methylphenols	1800		1	48.4	390	ug/Kg	11/20/25 19:56	PB170631
621-64-7	n-Nitroso-di-n-propylamine	1900		1	55.8	94.2	ug/Kg	11/20/25 19:56	PB170631
67-72-1	Hexachloroethane	1800		1	20.7	200	ug/Kg	11/20/25 19:56	PB170631
98-95-3	Nitrobenzene	2000		1	21.6	200	ug/Kg	11/20/25 19:56	PB170631
78-59-1	Isophorone	2000		1	38.6	200	ug/Kg	11/20/25 19:56	PB170631
88-75-5	2-Nitrophenol	1700		1	68.6	200	ug/Kg	11/20/25 19:56	PB170631
105-67-9	2,4-Dimethylphenol	2100		1	76.3	200	ug/Kg	11/20/25 19:56	PB170631
111-91-1	bis(2-Chloroethoxy)methane	2000		1	36.3	200	ug/Kg	11/20/25 19:56	PB170631
120-83-2	2,4-Dichlorophenol	1800		1	33.3	200	ug/Kg	11/20/25 19:56	PB170631
91-20-3	Naphthalene	1900		1	26.7	200	ug/Kg	11/20/25 19:56	PB170631
106-47-8	4-Chloroaniline	500		1	41.7	200	ug/Kg	11/20/25 19:56	PB170631
87-68-3	Hexachlorobutadiene	1800		1	29.8	200	ug/Kg	11/20/25 19:56	PB170631
105-60-2	Caprolactam	1900		1	61.4	390	ug/Kg	11/20/25 19:56	PB170631
59-50-7	4-Chloro-3-methylphenol	1700		1	33.8	200	ug/Kg	11/20/25 19:56	PB170631
91-57-6	2-Methylnaphthalene	1700		1	30.2	200	ug/Kg	11/20/25 19:56	PB170631
77-47-4	Hexachlorocyclopentadiene	1300		1	140	390	ug/Kg	11/20/25 19:56	PB170631
88-06-2	2,4,6-Trichlorophenol	1900		1	23.3	200	ug/Kg	11/20/25 19:56	PB170631
95-95-4	2,4,5-Trichlorophenol	1800		1	34.3	200	ug/Kg	11/20/25 19:56	PB170631
92-52-4	1,1-Biphenyl	2000		1	25.7	200	ug/Kg	11/20/25 19:56	PB170631
91-58-7	2-Chloronaphthalene	1900		1	26.5	200	ug/Kg	11/20/25 19:56	PB170631
88-74-4	2-Nitroaniline	2100		1	56.7	200	ug/Kg	11/20/25 19:56	PB170631
131-11-3	Dimethylphthalate	2000		1	31.9	200	ug/Kg	11/20/25 19:56	PB170631
208-96-8	Acenaphthylene	2100		1	34.0	200	ug/Kg	11/20/25 19:56	PB170631
606-20-2	2,6-Dinitrotoluene	2000		1	39.6	200	ug/Kg	11/20/25 19:56	PB170631
99-09-2	3-Nitroaniline	1400		1	54.2	200	ug/Kg	11/20/25 19:56	PB170631
83-32-9	Acenaphthene	1700		1	25.1	200	ug/Kg	11/20/25 19:56	PB170631
51-28-5	2,4-Dinitrophenol	270	U	1	270	390	ug/Kg	11/20/25 19:56	PB170631
100-02-7	4-Nitrophenol	3800	E	1	130	390	ug/Kg	11/20/25 19:56	PB170631
132-64-9	Dibenzofuran	1900		1	26.7	200	ug/Kg	11/20/25 19:56	PB170631
121-14-2	2,4-Dinitrotoluene	1900		1	59.0	200	ug/Kg	11/20/25 19:56	PB170631
84-66-2	Diethylphthalate	2000		1	33.3	200	ug/Kg	11/20/25 19:56	PB170631
7005-72-3	4-Chlorophenyl-phenylether	1800		1	31.4	200	ug/Kg	11/20/25 19:56	PB170631
86-73-7	Fluorene	1900		1	29.8	200	ug/Kg	11/20/25 19:56	PB170631
100-01-6	4-Nitroaniline	2000		1	75.6	200	ug/Kg	11/20/25 19:56	PB170631
534-52-1	4,6-Dinitro-2-methylphenol	210	J	1	120	390	ug/Kg	11/20/25 19:56	PB170631

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Sample Wt/Vol:	30.07 g	Test:	SVOC-TCL BNA -20
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	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/19/25		

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86-30-6	n-Nitrosodiphenylamine	1900		1	38.8	200	ug/Kg	11/20/25 19:56	PB170631
101-55-3	4-Bromophenyl-phenylether	1700		1	32.7	200	ug/Kg	11/20/25 19:56	PB170631
118-74-1	Hexachlorobenzene	1800		1	29.8	200	ug/Kg	11/20/25 19:56	PB170631
1912-24-9	Atrazine	1900		1	40.0	200	ug/Kg	11/20/25 19:56	PB170631
87-86-5	Pentachlorophenol	3400	E	1	60.4	390	ug/Kg	11/20/25 19:56	PB170631
85-01-8	Phenanthrene	2000		1	24.6	200	ug/Kg	11/20/25 19:56	PB170631
120-12-7	Anthracene	1900		1	39.2	200	ug/Kg	11/20/25 19:56	PB170631
86-74-8	Carbazole	2100		1	36.8	200	ug/Kg	11/20/25 19:56	PB170631
84-74-2	Di-n-butylphthalate	2000		1	56.4	200	ug/Kg	11/20/25 19:56	PB170631
206-44-0	Fluoranthene	2400		1	35.3	200	ug/Kg	11/20/25 19:56	PB170631
129-00-0	Pyrene	1900		1	42.4	200	ug/Kg	11/20/25 19:56	PB170631
85-68-7	Butylbenzylphthalate	2100		1	84.1	200	ug/Kg	11/20/25 19:56	PB170631
91-94-1	3,3-Dichlorobenzidine	1400		1	43.2	390	ug/Kg	11/20/25 19:56	PB170631
56-55-3	Benzo(a)anthracene	2100		1	27.1	200	ug/Kg	11/20/25 19:56	PB170631
218-01-9	Chrysene	2000		1	23.4	200	ug/Kg	11/20/25 19:56	PB170631
117-81-7	Bis(2-ethylhexyl)phthalate	2100		1	69.7	200	ug/Kg	11/20/25 19:56	PB170631
117-84-0	Di-n-octyl phthalate	2000		1	100	390	ug/Kg	11/20/25 19:56	PB170631
205-99-2	Benzo(b)fluoranthene	2400		1	22.4	200	ug/Kg	11/20/25 19:56	PB170631
207-08-9	Benzo(k)fluoranthene	2200		1	26.4	200	ug/Kg	11/20/25 19:56	PB170631
50-32-8	Benzo(a)pyrene	2100		1	34.7	200	ug/Kg	11/20/25 19:56	PB170631
193-39-5	Indeno(1,2,3-cd)pyrene	1600		1	34.3	200	ug/Kg	11/20/25 19:56	PB170631
53-70-3	Dibenzo(a,h)anthracene	1600		1	32.3	200	ug/Kg	11/20/25 19:56	PB170631
191-24-2	Benzo(g,h,i)perylene	1600		1	30.3	200	ug/Kg	11/20/25 19:56	PB170631
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		1	30.2	200	ug/Kg	11/20/25 19:56	PB170631
123-91-1	1,4-Dioxane	2100		1	53.2	200	ug/Kg	11/20/25 19:56	PB170631
58-90-2	2,3,4,6-Tetrachlorophenol	2000		1	32.3	200	ug/Kg	11/20/25 19:56	PB170631

SURROGATES

367-12-4	2-Fluorophenol	76.7			30 (10) - 130 (105)	51%	SPK: 150
13127-88-3	Phenol-d6	74.5			30 (10) - 130 (103)	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	52.5			30 (10) - 130 (108)	52%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.9			30 (10) - 130 (108)	53%	SPK: 100
118-79-6	2,4,6-Tribromophenol	70.7			30 (10) - 130 (116)	47%	SPK: 150
1718-51-0	Terphenyl-d14	45.1			30 (10) - 130 (109)	45%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	44100
1146-65-2	Naphthalene-d8	160000
15067-26-2	Acenaphthene-d10	80500
1517-22-2	Phenanthrene-d10	144000
1719-03-5	Chrysene-d12	119000
1520-96-3	Perylene-d12	95300

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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