

Report of Analysis

Client:	HDR, Inc.		Date Collected:	11/17/25
Project:	PVWC Linear Construction		Date Received:	11/18/25
Client Sample ID:	B3-0.0-1.0-20251117MS		SDG No.:	Q3662
Lab Sample ID:	Q3662-02MS		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	84.7
Sample Wt/Vol:	30.08 g	Final Vol:	1000 uL	Test:
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	1500		1	180	390	ug/Kg	11/20/25 19:26	PB170631
108-95-2	Phenol	1700		1	26.0	200	ug/Kg	11/20/25 19:26	PB170631
111-44-4	bis(2-Chloroethyl)ether	1800		1	28.6	200	ug/Kg	11/20/25 19:26	PB170631
95-57-8	2-Chlorophenol	1800		1	28.7	200	ug/Kg	11/20/25 19:26	PB170631
95-48-7	2-Methylphenol	1800		1	35.2	200	ug/Kg	11/20/25 19:26	PB170631
108-60-1	2,2-oxybis(1-Chloropropane)	1800		1	44.2	200	ug/Kg	11/20/25 19:26	PB170631
98-86-2	Acetophenone	1900		1	34.7	200	ug/Kg	11/20/25 19:26	PB170631
65794-96-9	3+4-Methylphenols	1800		1	48.4	390	ug/Kg	11/20/25 19:26	PB170631
621-64-7	n-Nitroso-di-n-propylamine	1800		1	55.8	94.2	ug/Kg	11/20/25 19:26	PB170631
67-72-1	Hexachloroethane	1700		1	20.7	200	ug/Kg	11/20/25 19:26	PB170631
98-95-3	Nitrobenzene	1800		1	21.5	200	ug/Kg	11/20/25 19:26	PB170631
78-59-1	Isophorone	1800		1	38.6	200	ug/Kg	11/20/25 19:26	PB170631
88-75-5	2-Nitrophenol	1500		1	68.5	200	ug/Kg	11/20/25 19:26	PB170631
105-67-9	2,4-Dimethylphenol	2000		1	76.3	200	ug/Kg	11/20/25 19:26	PB170631
111-91-1	bis(2-Chloroethoxy)methane	1800		1	36.3	200	ug/Kg	11/20/25 19:26	PB170631
120-83-2	2,4-Dichlorophenol	1700		1	33.3	200	ug/Kg	11/20/25 19:26	PB170631
91-20-3	Naphthalene	1800		1	26.7	200	ug/Kg	11/20/25 19:26	PB170631
106-47-8	4-Chloroaniline	450		1	41.7	200	ug/Kg	11/20/25 19:26	PB170631
87-68-3	Hexachlorobutadiene	1700		1	29.8	200	ug/Kg	11/20/25 19:26	PB170631
105-60-2	Caprolactam	1800		1	61.3	390	ug/Kg	11/20/25 19:26	PB170631
59-50-7	4-Chloro-3-methylphenol	1600		1	33.8	200	ug/Kg	11/20/25 19:26	PB170631
91-57-6	2-Methylnaphthalene	1600		1	30.1	200	ug/Kg	11/20/25 19:26	PB170631
77-47-4	Hexachlorocyclopentadiene	1200		1	140	390	ug/Kg	11/20/25 19:26	PB170631
88-06-2	2,4,6-Trichlorophenol	1700		1	23.3	200	ug/Kg	11/20/25 19:26	PB170631
95-95-4	2,4,5-Trichlorophenol	1700		1	34.3	200	ug/Kg	11/20/25 19:26	PB170631
92-52-4	1,1-Biphenyl	1900		1	25.7	200	ug/Kg	11/20/25 19:26	PB170631
91-58-7	2-Chloronaphthalene	1800		1	26.5	200	ug/Kg	11/20/25 19:26	PB170631
88-74-4	2-Nitroaniline	1900		1	56.6	200	ug/Kg	11/20/25 19:26	PB170631
131-11-3	Dimethylphthalate	1900		1	31.9	200	ug/Kg	11/20/25 19:26	PB170631
208-96-8	Acenaphthylene	2000		1	34.0	200	ug/Kg	11/20/25 19:26	PB170631
606-20-2	2,6-Dinitrotoluene	1900		1	39.6	200	ug/Kg	11/20/25 19:26	PB170631
99-09-2	3-Nitroaniline	1300		1	54.2	200	ug/Kg	11/20/25 19:26	PB170631
83-32-9	Acenaphthene	1600		1	25.1	200	ug/Kg	11/20/25 19:26	PB170631
51-28-5	2,4-Dinitrophenol	280	J	1	270	390	ug/Kg	11/20/25 19:26	PB170631
100-02-7	4-Nitrophenol	3600	E	1	130	390	ug/Kg	11/20/25 19:26	PB170631
132-64-9	Dibenzofuran	1800		1	26.7	200	ug/Kg	11/20/25 19:26	PB170631
121-14-2	2,4-Dinitrotoluene	1800		1	59.0	200	ug/Kg	11/20/25 19:26	PB170631
84-66-2	Diethylphthalate	1900		1	33.3	200	ug/Kg	11/20/25 19:26	PB170631
7005-72-3	4-Chlorophenyl-phenylether	1700		1	31.4	200	ug/Kg	11/20/25 19:26	PB170631
86-73-7	Fluorene	1800		1	29.8	200	ug/Kg	11/20/25 19:26	PB170631
100-01-6	4-Nitroaniline	1900		1	75.6	200	ug/Kg	11/20/25 19:26	PB170631
534-52-1	4,6-Dinitro-2-methylphenol	220	J	1	120	390	ug/Kg	11/20/25 19:26	PB170631

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Lab Sample ID:	Q3662-02MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.7
Sample Wt/Vol:	30.08 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
86-30-6	n-Nitrosodiphenylamine	1800		1	38.7	200	ug/Kg	11/20/25 19:26	PB170631
101-55-3	4-Bromophenyl-phenylether	1700		1	32.7	200	ug/Kg	11/20/25 19:26	PB170631
118-74-1	Hexachlorobenzene	1700		1	29.8	200	ug/Kg	11/20/25 19:26	PB170631
1912-24-9	Atrazine	1900		1	40.0	200	ug/Kg	11/20/25 19:26	PB170631
87-86-5	Pentachlorophenol	3300	E	1	60.4	390	ug/Kg	11/20/25 19:26	PB170631
85-01-8	Phenanthrene	1900		1	24.6	200	ug/Kg	11/20/25 19:26	PB170631
120-12-7	Anthracene	1800		1	39.2	200	ug/Kg	11/20/25 19:26	PB170631
86-74-8	Carbazole	2000		1	36.7	200	ug/Kg	11/20/25 19:26	PB170631
84-74-2	Di-n-butylphthalate	1900		1	56.4	200	ug/Kg	11/20/25 19:26	PB170631
206-44-0	Fluoranthene	2300		1	35.3	200	ug/Kg	11/20/25 19:26	PB170631
129-00-0	Pyrene	1800		1	42.4	200	ug/Kg	11/20/25 19:26	PB170631
85-68-7	Butylbenzylphthalate	1900		1	84.1	200	ug/Kg	11/20/25 19:26	PB170631
91-94-1	3,3-Dichlorobenzidine	1300		1	43.2	390	ug/Kg	11/20/25 19:26	PB170631
56-55-3	Benzo(a)anthracene	1900		1	27.1	200	ug/Kg	11/20/25 19:26	PB170631
218-01-9	Chrysene	1900		1	23.4	200	ug/Kg	11/20/25 19:26	PB170631
117-81-7	Bis(2-ethylhexyl)phthalate	2000		1	69.7	200	ug/Kg	11/20/25 19:26	PB170631
117-84-0	Di-n-octyl phthalate	1900		1	100	390	ug/Kg	11/20/25 19:26	PB170631
205-99-2	Benzo(b)fluoranthene	2300		1	22.4	200	ug/Kg	11/20/25 19:26	PB170631
207-08-9	Benzo(k)fluoranthene	2100		1	26.4	200	ug/Kg	11/20/25 19:26	PB170631
50-32-8	Benzo(a)pyrene	2000		1	34.7	200	ug/Kg	11/20/25 19:26	PB170631
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	34.3	200	ug/Kg	11/20/25 19:26	PB170631
53-70-3	Dibenzo(a,h)anthracene	1500		1	32.3	200	ug/Kg	11/20/25 19:26	PB170631
191-24-2	Benzo(g,h,i)perylene	1500		1	30.3	200	ug/Kg	11/20/25 19:26	PB170631
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		1	30.1	200	ug/Kg	11/20/25 19:26	PB170631
123-91-1	1,4-Dioxane	2000		1	53.2	200	ug/Kg	11/20/25 19:26	PB170631
58-90-2	2,3,4,6-Tetrachlorophenol	1900		1	32.3	200	ug/Kg	11/20/25 19:26	PB170631

SURROGATES

367-12-4	2-Fluorophenol	70.7			30 (10) - 130 (105)	47%	SPK: 150
13127-88-3	Phenol-d6	70.1			30 (10) - 130 (103)	47%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.9			30 (10) - 130 (108)	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.4			30 (10) - 130 (108)	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	65.4			30 (10) - 130 (116)	44%	SPK: 150
1718-51-0	Terphenyl-d14	42.1			30 (10) - 130 (109)	42%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	47800
1146-65-2	Naphthalene-d8	175000
15067-26-2	Acenaphthene-d10	88300
1517-22-2	Phenanthrene-d10	153000
1719-03-5	Chrysene-d12	129000
1520-96-3	Perylene-d12	103000

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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