

Report of Analysis

Client:	HDR, Inc.		Date Collected:	10/23/25
Project:	PVWC Linear Construction		Date Received:	10/24/25
Client Sample ID:	B7-1.0-2.0-20251023		SDG No.:	Q3466
Lab Sample ID:	Q3466-07		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	89.2
Sample Wt/Vol:	30.07 g	Final Vol:	1000 uL	Test:
Prep Method :	SW3541	Prep Date:	10/28/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	170	U	1	170	370	ug/Kg	10/30/25 21:11	PB170285
108-95-2	Phenol	24.7	U	1	24.7	190	ug/Kg	10/30/25 21:11	PB170285
111-44-4	bis(2-Chloroethyl)ether	27.2	U	1	27.2	190	ug/Kg	10/30/25 21:11	PB170285
95-57-8	2-Chlorophenol	27.3	U	1	27.3	190	ug/Kg	10/30/25 21:11	PB170285
95-48-7	2-Methylphenol	33.4	U	1	33.4	190	ug/Kg	10/30/25 21:11	PB170285
108-60-1	2,2-oxybis(1-Chloropropane)	41.9	U	1	41.9	190	ug/Kg	10/30/25 21:11	PB170285
98-86-2	Acetophenone	33.0	U	1	33.0	190	ug/Kg	10/30/25 21:11	PB170285
65794-96-9	3+4-Methylphenols	46.0	U	1	46.0	370	ug/Kg	10/30/25 21:11	PB170285
621-64-7	n-Nitroso-di-n-propylamine	53.0	U	1	53.0	89.5	ug/Kg	10/30/25 21:11	PB170285
67-72-1	Hexachloroethane	19.7	U	1	19.7	190	ug/Kg	10/30/25 21:11	PB170285
98-95-3	Nitrobenzene	20.5	U	1	20.5	190	ug/Kg	10/30/25 21:11	PB170285
78-59-1	Isophorone	36.7	U	1	36.7	190	ug/Kg	10/30/25 21:11	PB170285
88-75-5	2-Nitrophenol	65.1	U	1	65.1	190	ug/Kg	10/30/25 21:11	PB170285
105-67-9	2,4-Dimethylphenol	72.5	U	1	72.5	190	ug/Kg	10/30/25 21:11	PB170285
111-91-1	bis(2-Chloroethoxy)methane	34.4	U	1	34.4	190	ug/Kg	10/30/25 21:11	PB170285
120-83-2	2,4-Dichlorophenol	31.7	U	1	31.7	190	ug/Kg	10/30/25 21:11	PB170285
91-20-3	Naphthalene	25.4	U	1	25.4	190	ug/Kg	10/30/25 21:11	PB170285
106-47-8	4-Chloroaniline	39.6	UQ	1	39.6	190	ug/Kg	10/30/25 21:11	PB170285
87-68-3	Hexachlorobutadiene	28.3	U	1	28.3	190	ug/Kg	10/30/25 21:11	PB170285
105-60-2	Caprolactam	58.3	U	1	58.3	370	ug/Kg	10/30/25 21:11	PB170285
59-50-7	4-Chloro-3-methylphenol	32.1	U	1	32.1	190	ug/Kg	10/30/25 21:11	PB170285
91-57-6	2-Methylnaphthalene	28.6	U	1	28.6	190	ug/Kg	10/30/25 21:11	PB170285
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	370	ug/Kg	10/30/25 21:11	PB170285
88-06-2	2,4,6-Trichlorophenol	22.1	U	1	22.1	190	ug/Kg	10/30/25 21:11	PB170285
95-95-4	2,4,5-Trichlorophenol	32.5	U	1	32.5	190	ug/Kg	10/30/25 21:11	PB170285
92-52-4	1,1-Biphenyl	24.4	U	1	24.4	190	ug/Kg	10/30/25 21:11	PB170285
91-58-7	2-Chloronaphthalene	25.2	U	1	25.2	190	ug/Kg	10/30/25 21:11	PB170285
88-74-4	2-Nitroaniline	53.8	U	1	53.8	190	ug/Kg	10/30/25 21:11	PB170285
131-11-3	Dimethylphthalate	30.3	U	1	30.3	190	ug/Kg	10/30/25 21:11	PB170285
208-96-8	Acenaphthylene	32.3	U	1	32.3	190	ug/Kg	10/30/25 21:11	PB170285
606-20-2	2,6-Dinitrotoluene	37.6	U	1	37.6	190	ug/Kg	10/30/25 21:11	PB170285
99-09-2	3-Nitroaniline	51.4	U	1	51.4	190	ug/Kg	10/30/25 21:11	PB170285
83-32-9	Acenaphthene	23.8	U	1	23.8	190	ug/Kg	10/30/25 21:11	PB170285
51-28-5	2,4-Dinitrophenol	260	U	1	260	370	ug/Kg	10/30/25 21:11	PB170285
100-02-7	4-Nitrophenol	120	U	1	120	370	ug/Kg	10/30/25 21:11	PB170285
132-64-9	Dibenzofuran	25.4	U	1	25.4	190	ug/Kg	10/30/25 21:11	PB170285
121-14-2	2,4-Dinitrotoluene	56.0	U	1	56.0	190	ug/Kg	10/30/25 21:11	PB170285
84-66-2	Diethylphthalate	31.7	U	1	31.7	190	ug/Kg	10/30/25 21:11	PB170285
7005-72-3	4-Chlorophenyl-phenylether	29.9	U	1	29.9	190	ug/Kg	10/30/25 21:11	PB170285
86-73-7	Fluorene	28.3	U	1	28.3	190	ug/Kg	10/30/25 21:11	PB170285
100-01-6	4-Nitroaniline	71.8	U	1	71.8	190	ug/Kg	10/30/25 21:11	PB170285
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	370	ug/Kg	10/30/25 21:11	PB170285

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Lab Sample ID:	Q3466-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.2
Sample Wt/Vol:	30.07 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	36.8	U	1	36.8	190	ug/Kg	10/30/25 21:11	PB170285
101-55-3	4-Bromophenyl-phenylether	31.1	U	1	31.1	190	ug/Kg	10/30/25 21:11	PB170285
118-74-1	Hexachlorobenzene	28.3	U	1	28.3	190	ug/Kg	10/30/25 21:11	PB170285
1912-24-9	Atrazine	38.0	U	1	38.0	190	ug/Kg	10/30/25 21:11	PB170285
87-86-5	Pentachlorophenol	57.4	U	1	57.4	370	ug/Kg	10/30/25 21:11	PB170285
85-01-8	Phenanthrene	23.4	U	1	23.4	190	ug/Kg	10/30/25 21:11	PB170285
120-12-7	Anthracene	37.2	U	1	37.2	190	ug/Kg	10/30/25 21:11	PB170285
86-74-8	Carbazole	34.9	U	1	34.9	190	ug/Kg	10/30/25 21:11	PB170285
84-74-2	Di-n-butylphthalate	53.6	U	1	53.6	190	ug/Kg	10/30/25 21:11	PB170285
206-44-0	Fluoranthene	89.6	J	1	33.6	190	ug/Kg	10/30/25 21:11	PB170285
129-00-0	Pyrene	130	J	1	40.3	190	ug/Kg	10/30/25 21:11	PB170285
85-68-7	Butylbenzylphthalate	79.9	U	1	79.9	190	ug/Kg	10/30/25 21:11	PB170285
91-94-1	3,3-Dichlorobenzidine	41.0	UQ	1	41.0	370	ug/Kg	10/30/25 21:11	PB170285
56-55-3	Benzo(a)anthracene	94.3	J	1	25.7	190	ug/Kg	10/30/25 21:11	PB170285
218-01-9	Chrysene	100	J	1	22.3	190	ug/Kg	10/30/25 21:11	PB170285
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	1	66.2	190	ug/Kg	10/30/25 21:11	PB170285
117-84-0	Di-n-octyl phthalate	97.1	U	1	97.1	370	ug/Kg	10/30/25 21:11	PB170285
205-99-2	Benzo(b)fluoranthene	160	J	1	21.3	190	ug/Kg	10/30/25 21:11	PB170285
207-08-9	Benzo(k)fluoranthene	25.1	U	1	25.1	190	ug/Kg	10/30/25 21:11	PB170285
50-32-8	Benzo(a)pyrene	130	J	1	33.0	190	ug/Kg	10/30/25 21:11	PB170285
193-39-5	Indeno(1,2,3-cd)pyrene	32.5	U	1	32.5	190	ug/Kg	10/30/25 21:11	PB170285
53-70-3	Dibenzo(a,h)anthracene	30.6	U	1	30.6	190	ug/Kg	10/30/25 21:11	PB170285
191-24-2	Benzo(g,h,i)perylene	98.9	J	1	28.7	190	ug/Kg	10/30/25 21:11	PB170285
95-94-3	1,2,4,5-Tetrachlorobenzene	28.6	U	1	28.6	190	ug/Kg	10/30/25 21:11	PB170285
123-91-1	1,4-Dioxane	50.6	U	1	50.6	190	ug/Kg	10/30/25 21:11	PB170285
58-90-2	2,3,4,6-Tetrachlorophenol	30.6	U	1	30.6	190	ug/Kg	10/30/25 21:11	PB170285

SURROGATES

367-12-4	2-Fluorophenol	62.9			30 (18) - 130 (112)	42%	SPK: 150
13127-88-3	Phenol-d6	64.3			30 (15) - 130 (107)	43%	SPK: 150
4165-60-0	Nitrobenzene-d5	38.9			30 (18) - 130 (107)	39%	SPK: 100
321-60-8	2-Fluorobiphenyl	33.0			30 (20) - 130 (109)	33%	SPK: 100
118-79-6	2,4,6-Tribromophenol	60.4			30 (10) - 130 (116)	40%	SPK: 150
1718-51-0	Terphenyl-d14	39.8			30 (10) - 130 (105)	40%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	375000
1146-65-2	Naphthalene-d8	1570000
15067-26-2	Acenaphthene-d10	1000000
1517-22-2	Phenanthrene-d10	2090000
1719-03-5	Chrysene-d12	1920000
1520-96-3	Perylene-d12	1970000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	130	J	15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	110	J	18.1	ug/Kg

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Analytical Method:	8270E	% Solid:	89.2
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.07 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-11-4	Octadecanoic acid	90.2	J			19.4	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