

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/17/25
Project:	PVWC Linear Construction	Date Received:	11/18/25
Client Sample ID:	B1-0.0-1.0-20251117	SDG No.:	Q3662
Lab Sample ID:	Q3662-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.1
Sample Wt/Vol:	30.02 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	370	ug/Kg	11/20/25 15:59	PB170631
108-95-2	Phenol	25.1	U	1	25.1	190	ug/Kg	11/20/25 15:59	PB170631
111-44-4	bis(2-Chloroethyl)ether	27.6	U	1	27.6	190	ug/Kg	11/20/25 15:59	PB170631
95-57-8	2-Chlorophenol	27.7	U	1	27.7	190	ug/Kg	11/20/25 15:59	PB170631
95-48-7	2-Methylphenol	33.9	U	1	33.9	190	ug/Kg	11/20/25 15:59	PB170631
108-60-1	2,2-oxybis(1-Chloropropane)	42.5	U	1	42.5	190	ug/Kg	11/20/25 15:59	PB170631
98-86-2	Acetophenone	33.5	U	1	33.5	190	ug/Kg	11/20/25 15:59	PB170631
65794-96-9	3+4-Methylphenols	46.6	U	1	46.6	370	ug/Kg	11/20/25 15:59	PB170631
621-64-7	n-Nitroso-di-n-propylamine	53.8	U	1	53.8	90.7	ug/Kg	11/20/25 15:59	PB170631
67-72-1	Hexachloroethane	20.0	U	1	20.0	190	ug/Kg	11/20/25 15:59	PB170631
98-95-3	Nitrobenzene	20.8	U	1	20.8	190	ug/Kg	11/20/25 15:59	PB170631
78-59-1	Isophorone	37.2	U	1	37.2	190	ug/Kg	11/20/25 15:59	PB170631
88-75-5	2-Nitrophenol	66.0	U	1	66.0	190	ug/Kg	11/20/25 15:59	PB170631
105-67-9	2,4-Dimethylphenol	73.5	U	1	73.5	190	ug/Kg	11/20/25 15:59	PB170631
111-91-1	bis(2-Chloroethoxy)methane	34.9	U	1	34.9	190	ug/Kg	11/20/25 15:59	PB170631
120-83-2	2,4-Dichlorophenol	32.1	U	1	32.1	190	ug/Kg	11/20/25 15:59	PB170631
91-20-3	Naphthalene	25.7	U	1	25.7	190	ug/Kg	11/20/25 15:59	PB170631
106-47-8	4-Chloroaniline	40.2	UQ	1	40.2	190	ug/Kg	11/20/25 15:59	PB170631
87-68-3	Hexachlorobutadiene	28.7	U	1	28.7	190	ug/Kg	11/20/25 15:59	PB170631
105-60-2	Caprolactam	59.1	U	1	59.1	370	ug/Kg	11/20/25 15:59	PB170631
59-50-7	4-Chloro-3-methylphenol	32.6	U	1	32.6	190	ug/Kg	11/20/25 15:59	PB170631
91-57-6	2-Methylnaphthalene	29.0	U	1	29.0	190	ug/Kg	11/20/25 15:59	PB170631
77-47-4	Hexachlorocyclopentadiene	130	U	1	130	370	ug/Kg	11/20/25 15:59	PB170631
88-06-2	2,4,6-Trichlorophenol	22.5	U	1	22.5	190	ug/Kg	11/20/25 15:59	PB170631
95-95-4	2,4,5-Trichlorophenol	33.0	U	1	33.0	190	ug/Kg	11/20/25 15:59	PB170631
92-52-4	1,1-Biphenyl	24.7	U	1	24.7	190	ug/Kg	11/20/25 15:59	PB170631
91-58-7	2-Chloronaphthalene	25.5	U	1	25.5	190	ug/Kg	11/20/25 15:59	PB170631
88-74-4	2-Nitroaniline	54.6	U	1	54.6	190	ug/Kg	11/20/25 15:59	PB170631
131-11-3	Dimethylphthalate	30.7	U	1	30.7	190	ug/Kg	11/20/25 15:59	PB170631
208-96-8	Acenaphthylene	130	J	1	32.8	190	ug/Kg	11/20/25 15:59	PB170631
606-20-2	2,6-Dinitrotoluene	38.1	U	1	38.1	190	ug/Kg	11/20/25 15:59	PB170631
99-09-2	3-Nitroaniline	52.2	UQ	1	52.2	190	ug/Kg	11/20/25 15:59	PB170631
83-32-9	Acenaphthene	24.2	U	1	24.2	190	ug/Kg	11/20/25 15:59	PB170631
51-28-5	2,4-Dinitrophenol	260	U	1	260	370	ug/Kg	11/20/25 15:59	PB170631
100-02-7	4-Nitrophenol	120	U	1	120	370	ug/Kg	11/20/25 15:59	PB170631
132-64-9	Dibenzofuran	25.7	U	1	25.7	190	ug/Kg	11/20/25 15:59	PB170631
121-14-2	2,4-Dinitrotoluene	56.8	U	1	56.8	190	ug/Kg	11/20/25 15:59	PB170631
84-66-2	Diethylphthalate	32.1	U	1	32.1	190	ug/Kg	11/20/25 15:59	PB170631
7005-72-3	4-Chlorophenyl-phenylether	30.3	U	1	30.3	190	ug/Kg	11/20/25 15:59	PB170631
86-73-7	Fluorene	28.7	U	1	28.7	190	ug/Kg	11/20/25 15:59	PB170631
100-01-6	4-Nitroaniline	72.8	U	1	72.8	190	ug/Kg	11/20/25 15:59	PB170631
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	370	ug/Kg	11/20/25 15:59	PB170631

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Sample Wt/Vol:	30.02 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	37.3	U	1	37.3	190	ug/Kg	11/20/25 15:59	PB170631
101-55-3	4-Bromophenyl-phenylether	31.5	U	1	31.5	190	ug/Kg	11/20/25 15:59	PB170631
118-74-1	Hexachlorobenzene	28.7	U	1	28.7	190	ug/Kg	11/20/25 15:59	PB170631
1912-24-9	Atrazine	38.6	U	1	38.6	190	ug/Kg	11/20/25 15:59	PB170631
87-86-5	Pentachlorophenol	58.2	U	1	58.2	370	ug/Kg	11/20/25 15:59	PB170631
85-01-8	Phenanthrene	540		1	23.7	190	ug/Kg	11/20/25 15:59	PB170631
120-12-7	Anthracene	97.5	J	1	37.8	190	ug/Kg	11/20/25 15:59	PB170631
86-74-8	Carbazole	35.4	U	1	35.4	190	ug/Kg	11/20/25 15:59	PB170631
84-74-2	Di-n-butylphthalate	54.3	U	1	54.3	190	ug/Kg	11/20/25 15:59	PB170631
206-44-0	Fluoranthene	1200		1	34.0	190	ug/Kg	11/20/25 15:59	PB170631
129-00-0	Pyrene	840		1	40.8	190	ug/Kg	11/20/25 15:59	PB170631
85-68-7	Butylbenzylphthalate	81.0	U	1	81.0	190	ug/Kg	11/20/25 15:59	PB170631
91-94-1	3,3-Dichlorobenzidine	41.6	U	1	41.6	370	ug/Kg	11/20/25 15:59	PB170631
56-55-3	Benzo(a)anthracene	530		1	26.1	190	ug/Kg	11/20/25 15:59	PB170631
218-01-9	Chrysene	610		1	22.6	190	ug/Kg	11/20/25 15:59	PB170631
117-81-7	Bis(2-ethylhexyl)phthalate	67.2	U	1	67.2	190	ug/Kg	11/20/25 15:59	PB170631
117-84-0	Di-n-octyl phthalate	98.5	U	1	98.5	370	ug/Kg	11/20/25 15:59	PB170631
205-99-2	Benzo(b)fluoranthene	840		1	21.6	190	ug/Kg	11/20/25 15:59	PB170631
207-08-9	Benzo(k)fluoranthene	330		1	25.4	190	ug/Kg	11/20/25 15:59	PB170631
50-32-8	Benzo(a)pyrene	600		1	33.5	190	ug/Kg	11/20/25 15:59	PB170631
193-39-5	Indeno(1,2,3-cd)pyrene	240		1	33.0	190	ug/Kg	11/20/25 15:59	PB170631
53-70-3	Dibenzo(a,h)anthracene	77.8	J	1	31.1	190	ug/Kg	11/20/25 15:59	PB170631
191-24-2	Benzo(g,h,i)perylene	310		1	29.2	190	ug/Kg	11/20/25 15:59	PB170631
95-94-3	1,2,4,5-Tetrachlorobenzene	29.0	U	1	29.0	190	ug/Kg	11/20/25 15:59	PB170631
123-91-1	1,4-Dioxane	51.3	U	1	51.3	190	ug/Kg	11/20/25 15:59	PB170631
58-90-2	2,3,4,6-Tetrachlorophenol	31.1	U	1	31.1	190	ug/Kg	11/20/25 15:59	PB170631

SURROGATES

367-12-4	2-Fluorophenol	52.5			30 (10) - 130 (105)	35%	SPK: 150
13127-88-3	Phenol-d6	49.9			30 (10) - 130 (103)	33%	SPK: 150
4165-60-0	Nitrobenzene-d5	36.4			30 (10) - 130 (108)	36%	SPK: 100
321-60-8	2-Fluorobiphenyl	34.3			30 (10) - 130 (108)	34%	SPK: 100
118-79-6	2,4,6-Tribromophenol	49.0			30 (10) - 130 (116)	33%	SPK: 150
1718-51-0	Terphenyl-d14	27.3	*		30 (10) - 130 (109)	27%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	39300
1146-65-2	Naphthalene-d8	132000
15067-26-2	Acenaphthene-d10	67200
1517-22-2	Phenanthrene-d10	132000
1719-03-5	Chrysene-d12	128000
1520-96-3	Perylene-d12	98400

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	190	J	10.6	ug/Kg
002531-84-2	Phenanthrene, 2-methyl-	800	J	11.9	ug/Kg

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	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.02 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 11/19/25		

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000084-65-1	9,10-Anthracenedione	120	J			12.2	ug/Kg		
1000452-24-5	3,4-Dimethylphenanthrene	83.9	J			12.3	ug/Kg		
000781-43-1	9,10-Dimethylanthracene	210	J			12.4	ug/Kg		
002381-21-7	Pyrene, 1-methyl-	110	J			13.1	ug/Kg		
000243-17-4	11H-Benzo[b]fluorene	150	J			13.2	ug/Kg		
003353-12-6	Pyrene, 4-methyl-	100	J			13.3	ug/Kg		
000192-97-2	Benzo[e]pyrene	470	J			15.4	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