

Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/25/25
Project:	PVWC Linear Construction	Date Received:	10/27/25
Client Sample ID:	TP-13MSD	SDG No.:	Q3466
Lab Sample ID:	Q3469-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.1
Sample Wt/Vol:	50.03 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
TARGETS									
100-52-7	Benzaldehyde	600		1	100	220	ug/Kg	10/29/25 16:32	PB170285
108-95-2	Phenol	1100		1	14.5	110	ug/Kg	10/29/25 16:32	PB170285
111-44-4	bis(2-Chloroethyl)ether	1100		1	16.0	110	ug/Kg	10/29/25 16:32	PB170285
95-57-8	2-Chlorophenol	1100		1	16.1	110	ug/Kg	10/29/25 16:32	PB170285
95-48-7	2-Methylphenol	1200		1	19.7	110	ug/Kg	10/29/25 16:32	PB170285
108-60-1	2,2-oxybis(1-Chloropropane)	1200		1	24.7	110	ug/Kg	10/29/25 16:32	PB170285
98-86-2	Acetophenone	1200		1	19.4	110	ug/Kg	10/29/25 16:32	PB170285
65794-96-9	3+4-Methylphenols	1100		1	27.1	220	ug/Kg	10/29/25 16:32	PB170285
621-64-7	n-Nitroso-di-n-propylamine	1200		1	31.2	52.7	ug/Kg	10/29/25 16:32	PB170285
67-72-1	Hexachloroethane	1000		1	11.6	110	ug/Kg	10/29/25 16:32	PB170285
98-95-3	Nitrobenzene	1100		1	12.0	110	ug/Kg	10/29/25 16:32	PB170285
78-59-1	Isophorone	1100		1	21.6	110	ug/Kg	10/29/25 16:32	PB170285
88-75-5	2-Nitrophenol	1100		1	38.3	110	ug/Kg	10/29/25 16:32	PB170285
105-67-9	2,4-Dimethylphenol	1200		1	42.7	110	ug/Kg	10/29/25 16:32	PB170285
111-91-1	bis(2-Chloroethoxy)methane	1100		1	20.3	110	ug/Kg	10/29/25 16:32	PB170285
120-83-2	2,4-Dichlorophenol	1100		1	18.6	110	ug/Kg	10/29/25 16:32	PB170285
91-20-3	Naphthalene	1100		1	14.9	110	ug/Kg	10/29/25 16:32	PB170285
106-47-8	4-Chloroaniline	310		1	23.3	110	ug/Kg	10/29/25 16:32	PB170285
87-68-3	Hexachlorobutadiene	1000		1	16.7	110	ug/Kg	10/29/25 16:32	PB170285
105-60-2	Caprolactam	1300		1	34.3	220	ug/Kg	10/29/25 16:32	PB170285
59-50-7	4-Chloro-3-methylphenol	1200		1	18.9	110	ug/Kg	10/29/25 16:32	PB170285
91-57-6	2-Methylnaphthalene	1000		1	16.9	110	ug/Kg	10/29/25 16:32	PB170285
77-47-4	Hexachlorocyclopentadiene	2700	E	1	76.4	220	ug/Kg	10/29/25 16:32	PB170285
88-06-2	2,4,6-Trichlorophenol	1100		1	13.0	110	ug/Kg	10/29/25 16:32	PB170285
95-95-4	2,4,5-Trichlorophenol	1100		1	19.2	110	ug/Kg	10/29/25 16:32	PB170285
92-52-4	1,1-Biphenyl	1100		1	14.3	110	ug/Kg	10/29/25 16:32	PB170285
91-58-7	2-Chloronaphthalene	1100		1	14.8	110	ug/Kg	10/29/25 16:32	PB170285
88-74-4	2-Nitroaniline	1100		1	31.7	110	ug/Kg	10/29/25 16:32	PB170285
131-11-3	Dimethylphthalate	1200		1	17.8	110	ug/Kg	10/29/25 16:32	PB170285
208-96-8	Acenaphthylene	1200		1	19.0	110	ug/Kg	10/29/25 16:32	PB170285
606-20-2	2,6-Dinitrotoluene	1200		1	22.1	110	ug/Kg	10/29/25 16:32	PB170285
99-09-2	3-Nitroaniline	650		1	30.3	110	ug/Kg	10/29/25 16:32	PB170285
83-32-9	Acenaphthene	1100		1	14.0	110	ug/Kg	10/29/25 16:32	PB170285
51-28-5	2,4-Dinitrophenol	2200	E	1	150	220	ug/Kg	10/29/25 16:32	PB170285
100-02-7	4-Nitrophenol	2200	E	1	70.4	220	ug/Kg	10/29/25 16:32	PB170285
132-64-9	Dibenzofuran	1100		1	14.9	110	ug/Kg	10/29/25 16:32	PB170285
121-14-2	2,4-Dinitrotoluene	1200		1	33.0	110	ug/Kg	10/29/25 16:32	PB170285
84-66-2	Diethylphthalate	1200		1	18.6	110	ug/Kg	10/29/25 16:32	PB170285
7005-72-3	4-Chlorophenyl-phenylether	1100		1	17.6	110	ug/Kg	10/29/25 16:32	PB170285
86-73-7	Fluorene	1100		1	16.7	110	ug/Kg	10/29/25 16:32	PB170285
100-01-6	4-Nitroaniline	1100		1	42.3	110	ug/Kg	10/29/25 16:32	PB170285
534-52-1	4,6-Dinitro-2-methylphenol	1100		1	67.8	220	ug/Kg	10/29/25 16:32	PB170285

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	Level: LOW		
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	Prep Date: 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1100		1	21.7	110	ug/Kg	10/29/25 16:32	PB170285
101-55-3	4-Bromophenyl-phenylether	1100		1	18.3	110	ug/Kg	10/29/25 16:32	PB170285
118-74-1	Hexachlorobenzene	1100		1	16.7	110	ug/Kg	10/29/25 16:32	PB170285
1912-24-9	Atrazine	1200		1	22.4	110	ug/Kg	10/29/25 16:32	PB170285
87-86-5	Pentachlorophenol	2200	E	1	33.8	220	ug/Kg	10/29/25 16:32	PB170285
85-01-8	Phenanthrene	1100		1	13.8	110	ug/Kg	10/29/25 16:32	PB170285
120-12-7	Anthracene	1100		1	21.9	110	ug/Kg	10/29/25 16:32	PB170285
86-74-8	Carbazole	1100		1	20.5	110	ug/Kg	10/29/25 16:32	PB170285
84-74-2	Di-n-butylphthalate	1100		1	31.5	110	ug/Kg	10/29/25 16:32	PB170285
206-44-0	Fluoranthene	1100		1	19.7	110	ug/Kg	10/29/25 16:32	PB170285
129-00-0	Pyrene	1200		1	23.7	110	ug/Kg	10/29/25 16:32	PB170285
85-68-7	Butylbenzylphthalate	1100		1	47.0	110	ug/Kg	10/29/25 16:32	PB170285
91-94-1	3,3-Dichlorobenzidine	580		1	24.2	220	ug/Kg	10/29/25 16:32	PB170285
56-55-3	Benzo(a)anthracene	1200		1	15.1	110	ug/Kg	10/29/25 16:32	PB170285
218-01-9	Chrysene	1200		1	13.1	110	ug/Kg	10/29/25 16:32	PB170285
117-81-7	Bis(2-ethylhexyl)phthalate	1200		1	39.0	110	ug/Kg	10/29/25 16:32	PB170285
117-84-0	Di-n-octyl phthalate	1200		1	57.1	220	ug/Kg	10/29/25 16:32	PB170285
205-99-2	Benzo(b)fluoranthene	1300		1	12.5	110	ug/Kg	10/29/25 16:32	PB170285
207-08-9	Benzo(k)fluoranthene	1100		1	14.7	110	ug/Kg	10/29/25 16:32	PB170285
50-32-8	Benzo(a)pyrene	1300		1	19.4	110	ug/Kg	10/29/25 16:32	PB170285
193-39-5	Indeno(1,2,3-cd)pyrene	960		1	19.2	110	ug/Kg	10/29/25 16:32	PB170285
53-70-3	Dibenzo(a,h)anthracene	970		1	18.0	110	ug/Kg	10/29/25 16:32	PB170285
191-24-2	Benzo(g,h,i)perylene	890		1	16.9	110	ug/Kg	10/29/25 16:32	PB170285
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		1	16.9	110	ug/Kg	10/29/25 16:32	PB170285
123-91-1	1,4-Dioxane	990		1	29.8	110	ug/Kg	10/29/25 16:32	PB170285
58-90-2	2,3,4,6-Tetrachlorophenol	1200		1	18.0	110	ug/Kg	10/29/25 16:32	PB170285

SURROGATES

367-12-4	2-Fluorophenol	92.0			30 (18) - 130 (112)	61%	SPK: 150
13127-88-3	Phenol-d6	93.0			30 (15) - 130 (107)	62%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.2			30 (18) - 130 (107)	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	59.6			30 (20) - 130 (109)	60%	SPK: 100
118-79-6	2,4,6-Tribromophenol	91.2			30 (10) - 130 (116)	61%	SPK: 150
1718-51-0	Terphenyl-d14	59.5			30 (10) - 130 (105)	59%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	55400
1146-65-2	Naphthalene-d8	217000
15067-26-2	Acenaphthene-d10	121000
1517-22-2	Phenanthrene-d10	206000
1719-03-5	Chrysene-d12	148000
1520-96-3	Perylene-d12	189000

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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