

Report of Analysis

Client:	HDR, Inc.		Date Collected:	10/23/25
Project:	PVWC Linear Construction		Date Received:	10/24/25
Client Sample ID:	B9-0.0-1.0-20251023		SDG No.:	Q3466
Lab Sample ID:	Q3466-05		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	83.2
Sample Wt/Vol:	30.02 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	190	U	1	190	400	ug/Kg	10/30/25 20:30	PB170285
108-95-2	Phenol	26.5	U	1	26.5	200	ug/Kg	10/30/25 20:30	PB170285
111-44-4	bis(2-Chloroethyl)ether	29.2	U	1	29.2	200	ug/Kg	10/30/25 20:30	PB170285
95-57-8	2-Chlorophenol	29.3	U	1	29.3	200	ug/Kg	10/30/25 20:30	PB170285
95-48-7	2-Methylphenol	35.9	U	1	35.9	200	ug/Kg	10/30/25 20:30	PB170285
108-60-1	2,2-oxybis(1-Chloropropane)	45.0	U	1	45.0	200	ug/Kg	10/30/25 20:30	PB170285
98-86-2	Acetophenone	35.4	U	1	35.4	200	ug/Kg	10/30/25 20:30	PB170285
65794-96-9	3+4-Methylphenols	49.4	U	1	49.4	400	ug/Kg	10/30/25 20:30	PB170285
621-64-7	n-Nitroso-di-n-propylamine	56.9	U	1	56.9	96.1	ug/Kg	10/30/25 20:30	PB170285
67-72-1	Hexachloroethane	21.1	U	1	21.1	200	ug/Kg	10/30/25 20:30	PB170285
98-95-3	Nitrobenzene	22.0	U	1	22.0	200	ug/Kg	10/30/25 20:30	PB170285
78-59-1	Isophorone	39.4	U	1	39.4	200	ug/Kg	10/30/25 20:30	PB170285
88-75-5	2-Nitrophenol	69.9	U	1	69.9	200	ug/Kg	10/30/25 20:30	PB170285
105-67-9	2,4-Dimethylphenol	77.8	U	1	77.8	200	ug/Kg	10/30/25 20:30	PB170285
111-91-1	bis(2-Chloroethoxy)methane	37.0	U	1	37.0	200	ug/Kg	10/30/25 20:30	PB170285
120-83-2	2,4-Dichlorophenol	34.0	U	1	34.0	200	ug/Kg	10/30/25 20:30	PB170285
91-20-3	Naphthalene	27.3	U	1	27.3	200	ug/Kg	10/30/25 20:30	PB170285
106-47-8	4-Chloroaniline	42.5	UQ	1	42.5	200	ug/Kg	10/30/25 20:30	PB170285
87-68-3	Hexachlorobutadiene	30.4	U	1	30.4	200	ug/Kg	10/30/25 20:30	PB170285
105-60-2	Caprolactam	62.6	U	1	62.6	400	ug/Kg	10/30/25 20:30	PB170285
59-50-7	4-Chloro-3-methylphenol	34.5	U	1	34.5	200	ug/Kg	10/30/25 20:30	PB170285
91-57-6	2-Methylnaphthalene	30.7	U	1	30.7	200	ug/Kg	10/30/25 20:30	PB170285
77-47-4	Hexachlorocyclopentadiene	140	U	1	140	400	ug/Kg	10/30/25 20:30	PB170285
88-06-2	2,4,6-Trichlorophenol	23.8	U	1	23.8	200	ug/Kg	10/30/25 20:30	PB170285
95-95-4	2,4,5-Trichlorophenol	35.0	U	1	35.0	200	ug/Kg	10/30/25 20:30	PB170285
92-52-4	1,1-Biphenyl	26.2	U	1	26.2	200	ug/Kg	10/30/25 20:30	PB170285
91-58-7	2-Chloronaphthalene	27.0	U	1	27.0	200	ug/Kg	10/30/25 20:30	PB170285
88-74-4	2-Nitroaniline	57.8	U	1	57.8	200	ug/Kg	10/30/25 20:30	PB170285
131-11-3	Dimethylphthalate	32.6	U	1	32.6	200	ug/Kg	10/30/25 20:30	PB170285
208-96-8	Acenaphthylene	34.7	U	1	34.7	200	ug/Kg	10/30/25 20:30	PB170285
606-20-2	2,6-Dinitrotoluene	40.4	U	1	40.4	200	ug/Kg	10/30/25 20:30	PB170285
99-09-2	3-Nitroaniline	55.3	U	1	55.3	200	ug/Kg	10/30/25 20:30	PB170285
83-32-9	Acenaphthene	25.6	U	1	25.6	200	ug/Kg	10/30/25 20:30	PB170285
51-28-5	2,4-Dinitrophenol	280	U	1	280	400	ug/Kg	10/30/25 20:30	PB170285
100-02-7	4-Nitrophenol	130	U	1	130	400	ug/Kg	10/30/25 20:30	PB170285
132-64-9	Dibenzofuran	27.3	U	1	27.3	200	ug/Kg	10/30/25 20:30	PB170285
121-14-2	2,4-Dinitrotoluene	60.2	U	1	60.2	200	ug/Kg	10/30/25 20:30	PB170285
84-66-2	Diethylphthalate	34.0	U	1	34.0	200	ug/Kg	10/30/25 20:30	PB170285
7005-72-3	4-Chlorophenyl-phenylether	32.1	U	1	32.1	200	ug/Kg	10/30/25 20:30	PB170285
86-73-7	Fluorene	30.4	U	1	30.4	200	ug/Kg	10/30/25 20:30	PB170285
100-01-6	4-Nitroaniline	77.1	U	1	77.1	200	ug/Kg	10/30/25 20:30	PB170285
534-52-1	4,6-Dinitro-2-methylphenol	120	U	1	120	400	ug/Kg	10/30/25 20:30	PB170285

Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/23/25
Project:	PVWC Linear Construction	Date Received:	10/24/25
Client Sample ID:	B9-0.0-1.0-20251023	SDG No.:	Q3466
Lab Sample ID:	Q3466-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.2
Sample Wt/Vol:	30.02 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	39.5	U	1	39.5	200	ug/Kg	10/30/25 20:30	PB170285
101-55-3	4-Bromophenyl-phenylether	33.4	U	1	33.4	200	ug/Kg	10/30/25 20:30	PB170285
118-74-1	Hexachlorobenzene	30.4	U	1	30.4	200	ug/Kg	10/30/25 20:30	PB170285
1912-24-9	Atrazine	40.8	U	1	40.8	200	ug/Kg	10/30/25 20:30	PB170285
87-86-5	Pentachlorophenol	61.6	U	1	61.6	400	ug/Kg	10/30/25 20:30	PB170285
85-01-8	Phenanthrene	470		1	25.1	200	ug/Kg	10/30/25 20:30	PB170285
120-12-7	Anthracene	80.7	J	1	40.0	200	ug/Kg	10/30/25 20:30	PB170285
86-74-8	Carbazole	37.5	U	1	37.5	200	ug/Kg	10/30/25 20:30	PB170285
84-74-2	Di-n-butylphthalate	57.5	U	1	57.5	200	ug/Kg	10/30/25 20:30	PB170285
206-44-0	Fluoranthene	690		1	36.0	200	ug/Kg	10/30/25 20:30	PB170285
129-00-0	Pyrene	490		1	43.2	200	ug/Kg	10/30/25 20:30	PB170285
85-68-7	Butylbenzylphthalate	150	J	1	85.8	200	ug/Kg	10/30/25 20:30	PB170285
91-94-1	3,3-Dichlorobenzidine	44.1	UQ	1	44.1	400	ug/Kg	10/30/25 20:30	PB170285
56-55-3	Benzo(a)anthracene	290		1	27.6	200	ug/Kg	10/30/25 20:30	PB170285
218-01-9	Chrysene	330		1	23.9	200	ug/Kg	10/30/25 20:30	PB170285
117-81-7	Bis(2-ethylhexyl)phthalate	680		1	71.1	200	ug/Kg	10/30/25 20:30	PB170285
117-84-0	Di-n-octyl phthalate	100	U	1	100	400	ug/Kg	10/30/25 20:30	PB170285
205-99-2	Benzo(b)fluoranthene	390		1	22.8	200	ug/Kg	10/30/25 20:30	PB170285
207-08-9	Benzo(k)fluoranthene	160	J	1	26.9	200	ug/Kg	10/30/25 20:30	PB170285
50-32-8	Benzo(a)pyrene	280		1	35.4	200	ug/Kg	10/30/25 20:30	PB170285
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	1	35.0	200	ug/Kg	10/30/25 20:30	PB170285
53-70-3	Dibenzo(a,h)anthracene	32.9	U	1	32.9	200	ug/Kg	10/30/25 20:30	PB170285
191-24-2	Benzo(g,h,i)perylene	210		1	30.9	200	ug/Kg	10/30/25 20:30	PB170285
95-94-3	1,2,4,5-Tetrachlorobenzene	30.7	U	1	30.7	200	ug/Kg	10/30/25 20:30	PB170285
123-91-1	1,4-Dioxane	54.3	U	1	54.3	200	ug/Kg	10/30/25 20:30	PB170285
58-90-2	2,3,4,6-Tetrachlorophenol	32.9	U	1	32.9	200	ug/Kg	10/30/25 20:30	PB170285

SURROGATES

367-12-4	2-Fluorophenol	72.0			30 (18) - 130 (112)	48%	SPK: 150
13127-88-3	Phenol-d6	68.7			30 (15) - 130 (107)	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	49.3			30 (18) - 130 (107)	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.9			30 (20) - 130 (109)	47%	SPK: 100
118-79-6	2,4,6-Tribromophenol	69.7			30 (10) - 130 (116)	46%	SPK: 150
1718-51-0	Terphenyl-d14	42.8			30 (10) - 130 (105)	43%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	356000
1146-65-2	Naphthalene-d8	1330000
15067-26-2	Acenaphthene-d10	732000
1517-22-2	Phenanthrene-d10	1410000
1719-03-5	Chrysene-d12	1690000
1520-96-3	Perylene-d12	1920000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	240	J	15.7	ug/Kg
000610-48-0	Anthracene, 1-methyl-	260	J	18.1	ug/Kg

Report of Analysis

Client:	HDR, Inc.	Date Collected:	10/23/25
Project:	PVWC Linear Construction	Date Received:	10/24/25
Client Sample ID:	B9-0.0-1.0-20251023	SDG No.:	Q3466
Lab Sample ID:	Q3466-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.2
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.02 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
000203-64-5	4H-Cyclopenta[def]phenanthrene	100	J			18.3	ug/Kg		
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			21.3	ug/Kg		
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	150	J			22.9	ug/Kg		
000192-97-2	Benzo[e]pyrene	270	J			24.6	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