284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/14/25
Project:	PVWC Linear Construction	Date Received:	11/14/25
Client Sample ID:	B3-0.0-0.5-20251114MSD	SDG No.:	Q3649
Lab Sample ID:	Q3649-08MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	86
Sample Wt/Vol:	30.02 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1200		1	180	380	ug/Kg	11/17/25 23:31	PB170576
108-95-2	Phenol	1900		1	25.7	200	ug/Kg	11/17/25 23:31	PB170576
111-44-4	bis(2-Chloroethyl)ether	1700		1	28.2	200	ug/Kg	11/17/25 23:31	PB170576
95-57-8	2-Chlorophenol	1800		1	28.4	200	ug/Kg	11/17/25 23:31	PB170576
95-48-7	2-Methylphenol	1800		1	34.7	200	ug/Kg	11/17/25 23:31	PB170576
108-60-1	2,2-oxybis(1-Chloropropane)	1600		1	43.6	200	ug/Kg	11/17/25 23:31	PB170576
98-86-2	Acetophenone	1700		1	34.3	200	ug/Kg	11/17/25 23:31	PB170576
65794-96-9	3+4-Methylphenols	1800		1	47.8	380	ug/Kg	11/17/25 23:31	PB170576
621-64-7	n-Nitroso-di-n-propylamine	1700		1	55.1	93.0	ug/Kg	11/17/25 23:31	PB170576
67-72-1	Hexachloroethane	1700		1	20.5	200	ug/Kg	11/17/25 23:31	PB170576
98-95-3	Nitrobenzene	1700		1	21.3	200	ug/Kg	11/17/25 23:31	PB170576
78-59-1	Isophorone	1700		1	38.1	200	ug/Kg	11/17/25 23:31	PB170576
88-75-5	2-Nitrophenol	1800		1	67.6	200	ug/Kg	11/17/25 23:31	PB170576
105-67-9	2,4-Dimethylphenol	1800		1	75.3	200	ug/Kg	11/17/25 23:31	PB170576
111-91-1	bis(2-Chloroethoxy)methane	1700		1	35.8	200	ug/Kg	11/17/25 23:31	PB170576
120-83-2	2,4-Dichlorophenol	1900		1	32.9	200	ug/Kg	11/17/25 23:31	PB170576
91-20-3	Naphthalene	1700		1	26.4	200	ug/Kg	11/17/25 23:31	PB170576
106-47-8	4-Chloroaniline	400		1	41.1	200	ug/Kg	11/17/25 23:31	PB170576
87-68-3	Hexachlorobutadiene	1600		1	29.4	200	ug/Kg	11/17/25 23:31	PB170576
105-60-2	Caprolactam	1800		1	60.5	380	ug/Kg	11/17/25 23:31	PB170576
59-50-7	4-Chloro-3-methylphenol	1800		1	33.3	200	ug/Kg	11/17/25 23:31	PB170576
91-57-6	2-Methylnaphthalene	1500		1	29.7	200	ug/Kg	11/17/25 23:31	PB170576
77-47-4	Hexachlorocyclopentadiene	3100	E	1	130	380	ug/Kg	11/17/25 23:31	PB170576
88-06-2	2,4,6-Trichlorophenol	1800		1	23.0	200	ug/Kg	11/17/25 23:31	PB170576
95-95-4	2,4,5-Trichlorophenol	1800		1	33.8	200	ug/Kg	11/17/25 23:31	PB170576
92-52-4	1,1-Biphenyl	1700		1	25.3	200	ug/Kg	11/17/25 23:31	PB170576
91-58-7	2-Chloronaphthalene	1700		1	26.1	200	ug/Kg	11/17/25 23:31	PB170576
88-74-4	2-Nitroaniline	1700		1	55.9	200	ug/Kg	11/17/25 23:31	PB170576
131-11-3	Dimethylphthalate	1700		1	31.5	200	ug/Kg	11/17/25 23:31	PB170576
208-96-8	Acenaphthylene	1700		1	33.6	200	ug/Kg	11/17/25 23:31	PB170576
606-20-2	2,6-Dinitrotoluene	1900		1	39.0	200	ug/Kg	11/17/25 23:31	PB170576
99-09-2	3-Nitroaniline	770		1	53.5	200	ug/Kg	11/17/25 23:31	PB170576
83-32-9	Acenaphthene	1900		1	24.8	200	ug/Kg	11/17/25 23:31	PB170576
51-28-5	2,4-Dinitrophenol	3600	E	1	270	380	ug/Kg	11/17/25 23:31	PB170576
100-02-7	4-Nitrophenol	3800	E	1	120	380	ug/Kg	11/17/25 23:31	PB170576
132-64-9	Dibenzofuran	1700		1	26.4	200	ug/Kg	11/17/25 23:31	PB170576
121-14-2	2,4-Dinitrotoluene	1800		1	58.2	200	ug/Kg	11/17/25 23:31	PB170576
84-66-2	Diethylphthalate	1700		1	32.9	200	ug/Kg	11/17/25 23:31	PB170576
7005-72-3	4-Chlorophenyl-phenylether	1600		1	31.0	200	ug/Kg	11/17/25 23:31	PB170576
86-73-7	Fluorene	1700		1	29.4	200	ug/Kg	11/17/25 23:31	PB170576
100-01-6	4-Nitroaniline	1700		1	74.6	200	ug/Kg	11/17/25 23:31	PB170576
534-52-1	4,6-Dinitro-2-methylphenol	2000		1	120	380	ug/Kg	11/17/25 23:31	PB170576

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Client Sample ID:	B3-0.0-0.5-20251114MSD			SDG No.:	Q3649
Lab Sample ID:	Q3649-08MSD			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	86
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1800		1	38.2	200	ug/Kg	11/17/25 23:31	PB170576
101-55-3	4-Bromophenyl-phenylether	1700		1	32.3	200	ug/Kg	11/17/25 23:31	PB170576
118-74-1	Hexachlorobenzene	1700		1	29.4	200	ug/Kg	11/17/25 23:31	PB170576
1912-24-9	Atrazine	1700		1	39.5	200	ug/Kg	11/17/25 23:31	PB170576
87-86-5	Pentachlorophenol	3600	E	1	59.6	380	ug/Kg	11/17/25 23:31	PB170576
85-01-8	Phenanthrene	1700		1	24.3	200	ug/Kg	11/17/25 23:31	PB170576
120-12-7	Anthracene	1700		1	38.7	200	ug/Kg	11/17/25 23:31	PB170576
86-74-8	Carbazole	1700		1	36.3	200	ug/Kg	11/17/25 23:31	PB170576
84-74-2	Di-n-butylphthalate	1700		1	55.7	200	ug/Kg	11/17/25 23:31	PB170576
206-44-0	Fluoranthene	1600		1	34.9	200	ug/Kg	11/17/25 23:31	PB170576
129-00-0	Pyrene	1900		1	41.8	200	ug/Kg	11/17/25 23:31	PB170576
85-68-7	Butylbenzylphthalate	1800		1	83.0	200	ug/Kg	11/17/25 23:31	PB170576
91-94-1	3,3-Dichlorobenzidine	720		1	42.6	380	ug/Kg	11/17/25 23:31	PB170576
56-55-3	Benzo(a)anthracene	1700		1	26.7	200	ug/Kg	11/17/25 23:31	PB170576
218-01-9	Chrysene	1700		1	23.1	200	ug/Kg	11/17/25 23:31	PB170576
117-81-7	Bis(2-ethylhexyl)phthalate	1800		1	68.8	200	ug/Kg	11/17/25 23:31	PB170576
117-84-0	Di-n-octyl phthalate	1700		1	100	380	ug/Kg	11/17/25 23:31	PB170576
205-99-2	Benzo(b)fluoranthene	1700		1	22.1	200	ug/Kg	11/17/25 23:31	PB170576
207-08-9	Benzo(k)fluoranthene	1700		1	26.0	200	ug/Kg	11/17/25 23:31	PB170576
50-32-8	Benzo(a)pyrene	1800		1	34.3	200	ug/Kg	11/17/25 23:31	PB170576
193-39-5	Indeno(1,2,3-cd)pyrene	1800		1	33.8	200	ug/Kg	11/17/25 23:31	PB170576
53-70-3	Dibenzo(a,h)anthracene	1900		1	31.8	200	ug/Kg	11/17/25 23:31	PB170576
191-24-2	Benzo(g,h,i)perylene	1800		1	29.9	200	ug/Kg	11/17/25 23:31	PB170576
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		1	29.7	200	ug/Kg	11/17/25 23:31	PB170576
123-91-1	1,4-Dioxane	1400		1	52.5	200	ug/Kg	11/17/25 23:31	PB170576
58-90-2	2,3,4,6-Tetrachlorophenol	1900		1	31.8	200	ug/Kg	11/17/25 23:31	PB170576
SURROGATES									
367-12-4	2-Fluorophenol	107			30 (10) - 130 (105)	71%	SPK: 150		
13127-88-3	Phenol-d6	111			30 (10) - 130 (103)	74%	SPK: 150		
4165-60-0	Nitrobenzene-d5	68.7			30 (10) - 130 (108)	69%	SPK: 100		
321-60-8	2-Fluorobiphenyl	64.2			30 (10) - 130 (108)	64%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	104			30 (10) - 130 (116)	69%	SPK: 150		
1718-51-0	Terphenyl-d14	72.2			30 (10) - 130 (109)	72%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	39700							
1146-65-2	Naphthalene-d8	158000							
15067-26-2	Acenaphthene-d10	131000							
1517-22-2	Phenanthrene-d10	317000							
1719-03-5	Chrysene-d12	372000							
1520-96-3	Perylene-d12	377000							

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Prep Method :	SW3541 Prep Date: 11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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