

ANALYTICAL RESULTS SUMMARY

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : PVWC LINEAR CONSTRUCTION

HDR, INC.

50 Tice Blvd, Suite 210

Woodcliffe Lake, NJ - 07677

Phone No: 201-335-9300

ORDER ID : Q3466

ATTENTION : Andrew Wadden



Laboratory Certification ID # 20012





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

Hit Summary Sheet
SW-846

SDG No.: Q3466

Client: HDR, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
-----------	-----------	--------	-----------	---------------	---	-----	-----	-------

Client ID:

0

Total Voc :

Total Concentration:

Hit Summary Sheet

SW-846

SDG No.: Q3466

Client: HDR, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
Client ID :	B8-0.0-1.0-20251023								
Q3466-02	B8-0.0-1.0-20251023	SOIL	Phenanthrene	170.000	J	24.5	200	ug/Kg	
Q3466-02	B8-0.0-1.0-20251023	SOIL	Fluoranthene	250.000		35.1	200	ug/Kg	
Q3466-02	B8-0.0-1.0-20251023	SOIL	Pyrene	180.000	J	42.1	200	ug/Kg	
Q3466-02	B8-0.0-1.0-20251023	SOIL	Benzo(a)anthracene	130.000	J	26.9	200	ug/Kg	
Q3466-02	B8-0.0-1.0-20251023	SOIL	Chrysene	130.000	J	23.3	200	ug/Kg	
Q3466-02	B8-0.0-1.0-20251023	SOIL	Bis(2-ethylhexyl)phthalate	220.000		69.3	200	ug/Kg	
Q3466-02	B8-0.0-1.0-20251023	SOIL	Benzo(b)fluoranthene	180.000	J	22.2	200	ug/Kg	
Q3466-02	B8-0.0-1.0-20251023	SOIL	Benzo(a)pyrene	120.000	J	34.5	200	ug/Kg	
Total Svoc :				1,380.00					
Q3466-02	B8-0.0-1.0-20251023	SOIL	Benzophenone	*	240.000	J	0	0	ug/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	n-Hexadecanoic acid	*	180.000	J	0	0	ug/Kg
Total Tics :				420.00					
Total Concentration:				1,800.00					
Client ID :	B9-0.0-1.0-20251023								
Q3466-05	B9-0.0-1.0-20251023	SOIL	Phenanthrene	470.000		25.1	200	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	Anthracene	80.700	J	40	200	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	Fluoranthene	690.000		36	200	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	Pyrene	490.000		43.2	200	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	Butylbenzylphthalate	150.000	J	85.8	200	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	Benzo(a)anthracene	290.000		27.6	200	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	Chrysene	330.000		23.9	200	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	Bis(2-ethylhexyl)phthalate	680.000		71.1	200	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	Benzo(b)fluoranthene	390.000		22.8	200	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	Benzo(k)fluoranthene	160.000	J	26.9	200	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	Benzo(a)pyrene	280.000		35.4	200	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	Indeno(1,2,3-cd)pyrene	160.000	J	35	200	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	Benzo(g,h,i)perylene	210.000		30.9	200	ug/Kg	
Total Svoc :				4,380.70					
Q3466-05	B9-0.0-1.0-20251023	SOIL	1,4-Benzenedicarboxylic acid, bis *	150.000	J	0	0	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	11H-Benzo[a]fluoren-11-one *	110.000	J	0	0	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	4H-Cyclopenta[def]phenanthrene *	100.000	J	0	0	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	Anthracene, 1-methyl- *	260.000	J	0	0	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	Benzo[e]pyrene *	270.000	J	0	0	ug/Kg	
Q3466-05	B9-0.0-1.0-20251023	SOIL	Benzophenone *	240.000	J	0	0	ug/Kg	
Total Tics :				1,130.00					
Total Concentration:				5,510.70					
Client ID :	B7-1.0-2.0-20251023								

Hit Summary Sheet SW-846

SDG No.: Q3466
Client: HDR, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3466-07	B7-1.0-2.0-20251023	SOIL	Fluoranthene	89.600	J	33.6	190	ug/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Pyrene	130.000	J	40.3	190	ug/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Benzo(a)anthracene	94.300	J	25.7	190	ug/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Chrysene	100.000	J	22.3	190	ug/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Bis(2-ethylhexyl)phthalate	120.000	J	66.2	190	ug/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Benzo(b)fluoranthene	160.000	J	21.3	190	ug/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Benzo(a)pyrene	130.000	J	33	190	ug/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Benzo(g,h,i)perylene	98.900	J	28.7	190	ug/Kg
Total Svoc :				922.80				
Q3466-07	B7-1.0-2.0-20251023	SOIL	Benzophenone	*	130.000	J	0	ug/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	n-Hexadecanoic acid	*	110.000	J	0	ug/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Octadecanoic acid	*	90.200	J	0	ug/Kg
Total Tics :				330.20				
Total Concentration:				1,253.00				

Hit Summary Sheet
SW-846

SDG No.: Q3466

Order ID: Q3466

Client: HDR, Inc.

Project ID: PVWC Linear Construction

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B8-0.0-1.0-20251023								
Q3466-02	B8-0.0-1.0-20251023	SOIL	Dieldrin	1.70	JP	0.16	2.00	ug/kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	4,4-DDE	0.80	J	0.16	2.00	ug/kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Endrin	1.10	JP	0.16	2.00	ug/kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	4,4-DDT	3.30	P	0.16	2.00	ug/kg
Total Concentration:				6.900				
Client ID : B9-0.0-1.0-20251023								
Q3466-05	B9-0.0-1.0-20251023	SOIL	Heptachlor epoxide	0.52	J	0.23	2.00	ug/kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Dieldrin	1.00	JP	0.17	2.00	ug/kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Endrin	0.33	J	0.17	2.00	ug/kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	4,4-DDT	0.59	J	0.17	2.00	ug/kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	alpha-Chlordane	3.40	P	0.14	2.00	ug/kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	gamma-Chlordane	1.20	J	0.18	2.00	ug/kg
Total Concentration:				7.040				



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

Hit Summary Sheet
SW-846

SDG No.: Q3466

Order ID: Q3466

Client: HDR, Inc.

Project ID: PVWC Linear Construction

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	B8-0.0-1.0-20251023							
Q3466-02	B8-0.0-1.0-20251023	SOIL	Aroclor-1254	34.7	P	3.80	19.9	ug/kg
Total Concentration:				34.700				

Hit Summary Sheet
SW-846

SDG No.: Q3466

Order ID: Q3466

Client: HDR, Inc.

Project ID: PVWC Linear Construction

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B8-0.0-1.0-20251023								
Q3466-02	B8-0.0-1.0-20251023	SOIL	Aluminum	5080		0.92	5.48	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Arsenic	4.12		0.21	1.10	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Barium	139		0.80	5.48	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Beryllium	0.44		0.027	0.33	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Cadmium	0.35		0.026	0.33	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Calcium	3170		12.2	110	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Chromium	14.3		0.051	0.55	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Cobalt	4.43		0.11	1.64	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Copper	40.4		0.24	1.10	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Iron	10900		4.37	5.48	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Lead	494		0.14	0.66	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Magnesium	1780		13.1	110	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Manganese	373		0.15	1.10	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Mercury	0.27		0.0090	0.015	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Nickel	12.0		0.14	2.19	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Potassium	371		30.3	110	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Silver	0.16	J	0.13	0.55	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Sodium	194		19.5	110	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Vanadium	19.2		0.27	2.19	mg/Kg
Q3466-02	B8-0.0-1.0-20251023	SOIL	Zinc	194		0.25	2.19	mg/Kg
Client ID : B9-0.0-1.0-20251023								
Q3466-05	B9-0.0-1.0-20251023	SOIL	Aluminum	7760		0.94	5.62	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Arsenic	2.90		0.21	1.12	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Barium	37.3		0.82	5.62	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Beryllium	0.62		0.028	0.34	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Cadmium	0.72		0.027	0.34	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Calcium	1260		12.5	112	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Chromium	13.1		0.053	0.56	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Cobalt	6.14		0.11	1.68	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Copper	24.0		0.25	1.12	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Iron	13300		4.48	5.62	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Lead	45.2		0.15	0.67	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Magnesium	2170		13.5	112	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Manganese	228		0.16	1.12	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Mercury	0.042		0.0080	0.015	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Nickel	11.1		0.15	2.25	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Potassium	1070		31.1	112	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q3466

Order ID: Q3466

Client: HDR, Inc.

Project ID: PVWC Linear Construction

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3466-05	B9-0.0-1.0-20251023	SOIL	Silver	0.18	J	0.14	0.56	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Sodium	198		20.0	112	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Vanadium	19.1		0.28	2.25	mg/Kg
Q3466-05	B9-0.0-1.0-20251023	SOIL	Zinc	130		0.26	2.25	mg/Kg
Client ID : B7-1.0-2.0-20251023								
Q3466-07	B7-1.0-2.0-20251023	SOIL	Aluminum	3360		0.86	5.10	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Arsenic	2.24		0.19	1.02	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Barium	16.9		0.74	5.10	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Beryllium	0.39		0.025	0.31	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Cadmium	0.18	J	0.024	0.31	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Calcium	888		11.3	102	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Chromium	7.36		0.048	0.51	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Cobalt	4.02		0.10	1.53	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Copper	12.0		0.22	1.02	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Iron	8370		4.07	5.10	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Lead	21.4		0.13	0.61	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Magnesium	1250		12.2	102	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Manganese	118		0.14	1.02	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Mercury	0.016		0.0080	0.014	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Nickel	7.55		0.13	2.04	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Potassium	941		28.2	102	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Sodium	224		18.1	102	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Vanadium	10.8		0.26	2.04	mg/Kg
Q3466-07	B7-1.0-2.0-20251023	SOIL	Zinc	22.0		0.23	2.04	mg/Kg



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

Hit Summary Sheet
SW-846

SDG No.: Q3466

Order ID: Q3466

Client: HDR, Inc.

Project ID: PVWC Linear Construction

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B8-0.0-1.0-20251023								
Q3466-03	B8-0.0-1.0-20251023	TCLP	Barium	1090		72.8	500	ug/L
Q3466-03	B8-0.0-1.0-20251023	TCLP	Chromium	13.9	J	10.6	50.0	ug/L
Q3466-03	B8-0.0-1.0-20251023	TCLP	Lead	54.7	J	11.5	60.0	ug/L