

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 : Q3649

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.: Q3649
Client: HDR, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	DUPE-0.5-1.0-20251114							
Q3649-04	DUPE-0.5-1.0-2025 SOIL	Acetone		28.8		4.30	22.7	ug/Kg
		Total Voc :		28.8				
		Total Concentration:		28.8				

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SDG No.: Q3649

Client: HDR, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	B5-0.0-0.5-20251114							
Q3649-01	B5-0.0-0.5-20251114	SOIL	1-Heneicosanol	*	82.300	J 0	0	ug/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Benzophenone	*	180.000	J 0	0	ug/Kg
Total Tics :				262.30				
Total Concentration:				262.30				
Client ID :	DUPE-0.0-0.5-20251114							
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Phenanthrene		230.000	24.1	200	ug/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Fluoranthene		400.000	34.6	200	ug/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Pyrene		280.000	41.5	200	ug/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Benzo(a)anthracene		180.000	J 26.5	200	ug/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Chrysene		200.000	22.9	200	ug/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Bis(2-ethylhexyl)phthalate		110.000	J 68.2	200	ug/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Benzo(b)fluoranthene		260.000	21.9	200	ug/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Benzo(k)fluoranthene		100.000	J 25.8	200	ug/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Benzo(a)pyrene		170.000	J 34	200	ug/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Benzo(g,h,i)perylene		90.600	J 29.6	200	ug/Kg
Total Svoc :				2,020.60				
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Benzo[e]pyrene	*	120.000	J 0	0	ug/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Benzophenone	*	160.000	J 0	0	ug/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	n-Hexadecanoic acid	*	240.000	J 0	0	ug/Kg
Total Tics :				520.00				
Total Concentration:				2,540.60				
Client ID :	B4-0.0-0.5-20251114							
Q3649-06	B4-0.0-0.5-20251114	SOIL	Benzophenone	*	100.000	J 0	0	ug/Kg
Total Tics :				100.00				
Total Concentration:				100.00				
Client ID :	B3-0.0-0.5-20251114							
Q3649-08	B3-0.0-0.5-20251114	SOIL	Benzophenone	*	290.000	J 0	0	ug/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Heptadecyl heptafluorobutyrate	*	150.000	J 0	0	ug/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	n-Hexadecanoic acid	*	200.000	J 0	0	ug/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Phenol, 4,4-(1-methylethylidene)b	*	180.000	J 0	0	ug/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Z-5-Nonadecene	*	99.000	J 0	0	ug/Kg
Total Tics :				919.00				
Total Concentration:				919.00				



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SDG No.: Q3649

Order ID: Q3649

Client: HDR, Inc.

Project ID: PVWC Linear Construction

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	DUPE-0.0-0.5-20251114							
Q3649-03	DUPE-0.0-0.5-202511	SOIL	4,4-DDT	2.60	P	0.16	2.00	ug/kg
Total Concentration:				2.600				



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Project ID: PVWC Linear Construction

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	DUPE-0.0-0.5-20251114							
Q3649-03	DUPE-0.0-0.5-202511	SOIL	Aroclor-1260	11.5	J	3.70	19.6	ug/kg
Total Concentration:				11.500				

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SDG No.: Q3649

Order ID: Q3649

Client: HDR, Inc.

Project ID: PVWC Linear Construction

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B5-0.0-0.5-20251114								
Q3649-01	B5-0.0-0.5-20251114	SOIL	Aluminum	4950		0.81	4.80	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Arsenic	3.01		0.18	0.96	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Barium	42.5		0.70	4.80	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Beryllium	0.43		0.024	0.29	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Cadmium	1.04		0.023	0.29	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Calcium	8580		10.7	96.0	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Chromium	14.9		0.045	0.48	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Cobalt	6.33		0.096	1.44	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Copper	4.32		0.21	0.96	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Iron	14200		3.83	4.80	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Lead	9.94		0.13	0.58	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Magnesium	1390		11.5	96.0	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Manganese	508		0.13	0.96	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Nickel	10.8		0.13	1.92	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Potassium	446		26.6	96.0	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Sodium	176		17.1	96.0	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Thallium	0.38	J	0.22	1.92	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Vanadium	17.5		0.24	1.92	mg/Kg
Q3649-01	B5-0.0-0.5-20251114	SOIL	Zinc	25.3		0.22	1.92	mg/Kg
Client ID : DUPE-0.0-0.5-20251114								
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Aluminum	6960		0.88	5.21	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Arsenic	3.04		0.20	1.04	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Barium	35.6		0.76	5.21	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Beryllium	0.47		0.026	0.31	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Cadmium	1.09		0.025	0.31	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Calcium	1520		11.6	104	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Chromium	17.0		0.049	0.52	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Cobalt	6.76		0.10	1.56	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Copper	18.2		0.23	1.04	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Iron	15400		4.16	5.21	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Lead	81.1		0.14	0.63	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Magnesium	1490		12.5	104	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Manganese	359		0.15	1.04	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Mercury	0.044		0.0080	0.014	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Nickel	13.0		0.14	2.08	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Potassium	498		28.8	104	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Sodium	308		18.5	104	mg/Kg

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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Vanadium	19.0		0.26	2.08	mg/Kg
Q3649-03	DUPE-0.0-0.5-20251114	SOIL	Zinc	83.7		0.24	2.08	mg/Kg
Client ID : B4-0.0-0.5-20251114								
Q3649-06	B4-0.0-0.5-20251114	SOIL	Aluminum	5000		0.83	4.93	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Arsenic	1.88		0.19	0.99	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Barium	26.0		0.72	4.93	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Beryllium	0.41		0.025	0.30	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Cadmium	1.09		0.024	0.30	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Calcium	1180		10.9	98.6	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Chromium	11.3		0.046	0.49	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Cobalt	6.43		0.099	1.48	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Copper	2.16		0.22	0.99	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Iron	13400		3.93	4.93	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Lead	14.5		0.13	0.59	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Magnesium	1090		11.8	98.6	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Manganese	382		0.14	0.99	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Mercury	0.020		0.0070	0.013	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Nickel	11.7		0.13	1.97	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Potassium	483		27.3	98.6	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Sodium	290		17.5	98.6	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Thallium	0.38	J	0.23	1.97	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Vanadium	12.9		0.25	1.97	mg/Kg
Q3649-06	B4-0.0-0.5-20251114	SOIL	Zinc	23.1		0.23	1.97	mg/Kg
Client ID : B3-0.0-0.5-20251114								
Q3649-08	B3-0.0-0.5-20251114	SOIL	Aluminum	5700		0.94	5.59	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Arsenic	2.62		0.21	1.12	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Barium	26.2		0.82	5.59	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Beryllium	0.42		0.028	0.34	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Cadmium	0.86		0.027	0.34	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Calcium	1250		12.4	112	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Chromium	10.4		0.053	0.56	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Cobalt	5.68		0.11	1.68	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Copper	2.72		0.25	1.12	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Iron	13900		4.46	5.59	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Lead	14.6		0.14	0.67	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Magnesium	1020		13.4	112	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Manganese	471		0.16	1.12	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Mercury	0.018		0.0090	0.015	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Nickel	8.01		0.14	2.24	mg/Kg

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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3649-08	B3-0.0-0.5-20251114	SOIL	Potassium	422		31.0	112	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Sodium	29.0	J	19.9	112	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Vanadium	17.2		0.28	2.24	mg/Kg
Q3649-08	B3-0.0-0.5-20251114	SOIL	Zinc	21.8		0.26	2.24	mg/Kg



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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B4-0.0-0.5-20251114								
Q3649-07	B4-0.0-0.5-20251114	TCLP	Barium	1070		72.8	500	ug/L
Q3649-07	B4-0.0-0.5-20251114	TCLP	Chromium	43.9	J	10.6	50.0	ug/L