

ANALYTICAL RESULTS SUMMARY

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

PROJECT NAME : AMTRAK SAWTOOTH BRIDGES 2025

PORTAL PARTNERS TRI-VENTURE

c/o Gannett Fleming Inc. Transit and Rail System

207 Senate Avenue

Camp Hill, PA - 17011

Phone No: 610-650-8101

ORDER ID : Q1744

ATTENTION : Joseph Krupansky



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.: Q1744

Client: Portal Partners Tri-Venture

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	B-158-SB02							
Q1744-03	B-158-SB02	SOIL	Acetone	340		7.90	41.8	ug/Kg
Q1744-03	B-158-SB02	SOIL	2-Butanone	84.8		10.9	41.8	ug/Kg
			Total Voc :		425			
			Total Concentration:		425			

Hit Summary Sheet
SW-846

SDG No.: Q1744

Client: Portal Partners Tri-Venture

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q1744-02	B-158-SB01 B-158-SB01	TCLP	2-Butanone	5.70	J	0.98	25.0	ug/L
			Total Voc :	5.70				
			Total Concentration:	5.70				
Client ID: Q1744-04	B-158-SB02 B-158-SB02	TCLP	2-Butanone	15.6	J	0.98	25.0	ug/L
			Total Voc :	15.6				
			Total Concentration:	15.6				

Hit Summary Sheet SW-846

SDG No.: Q1744

Client: Portal Partners Tri-Venture

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	B-158-SB01							
Q1744-01	B-158-SB01	SOIL	Benzo(a)anthracene	81.900	J	25.5	190	ug/Kg
Q1744-01	B-158-SB01	SOIL	Chrysene	160.000	J	22.1	190	ug/Kg
Q1744-01	B-158-SB01	SOIL	Benzo(b)fluoranthene	160.000	J	21.1	190	ug/Kg
Q1744-01	B-158-SB01	SOIL	Benzo(k)fluoranthene	160.000	J	24.9	190	ug/Kg
Total Svoc :				561.90				
Q1744-01	B-158-SB01	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	480.000	AB	0	0	ug/Kg
Q1744-01	B-158-SB01	SOIL	Cyclohexadecane *	140.000	J	0	0	ug/Kg
Q1744-01	B-158-SB01	SOIL	n-Hexadecanoic acid *	700.000	JB	0	0	ug/Kg
Q1744-01	B-158-SB01	SOIL	Octadecanoic acid *	230.000	JB	0	0	ug/Kg
Q1744-01	B-158-SB01	SOIL	Benzophenone *	300.000	J	0	0	ug/Kg
Total Tics :				1,850.00				
Total Concentration:				2,411.90				
Client ID :	B-158-SB02							
Q1744-03	B-158-SB02	SOIL	Benzo(b)fluoranthene	150.000	J	33.9	300	ug/Kg
Q1744-03	B-158-SB02	SOIL	Benzo(k)fluoranthene	130.000	J	39.9	300	ug/Kg
Total Svoc :				280.00				
Q1744-03	B-158-SB02	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	530.000	AB	0	0	ug/Kg
Q1744-03	B-158-SB02	SOIL	Benzophenone *	460.000	J	0	0	ug/Kg
Q1744-03	B-158-SB02	SOIL	Cyclotetracosane *	240.000	J	0	0	ug/Kg
Q1744-03	B-158-SB02	SOIL	n-Hexadecanoic acid *	440.000	JB	0	0	ug/Kg
Total Tics :				1,670.00				
Total Concentration:				1,950.00				



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SW-846

SDG No.: Q1744
Client: Portal Partners Tri-Venture

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				0.000				
Total Svoc :					0.00			
Total Concentration:					0.00			



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SDG No.: Q1744

Order ID: Q1744

Client: Portal Partners Tri-Venture

Project ID: Amtrak Sawtooth Bridges 2025

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

Total Concentration: 0.000



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

Total Concentration: 0.000



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

Total Concentration: 0.000

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SDG No.: Q1744

Order ID: Q1744

Client: Portal Partners Tri-Venture

Project ID: Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-158-SB01								
Q1744-01	B-158-SB01	SOIL	Aluminum	4480		2.64	5.47	mg/Kg
Q1744-01	B-158-SB01	SOIL	Arsenic	1.49		0.32	1.09	mg/Kg
Q1744-01	B-158-SB01	SOIL	Barium	31.4		0.70	5.47	mg/Kg
Q1744-01	B-158-SB01	SOIL	Beryllium	0.33		0.013	0.33	mg/Kg
Q1744-01	B-158-SB01	SOIL	Calcium	1020		3.07	109	mg/Kg
Q1744-01	B-158-SB01	SOIL	Chromium	8.24		0.059	0.55	mg/Kg
Q1744-01	B-158-SB01	SOIL	Cobalt	3.89		0.063	1.64	mg/Kg
Q1744-01	B-158-SB01	SOIL	Copper	12.3		0.52	1.09	mg/Kg
Q1744-01	B-158-SB01	SOIL	Iron	9420		2.94	5.47	mg/Kg
Q1744-01	B-158-SB01	SOIL	Lead	14.2		0.16	0.66	mg/Kg
Q1744-01	B-158-SB01	SOIL	Magnesium	1190		3.75	109	mg/Kg
Q1744-01	B-158-SB01	SOIL	Manganese	253		0.078	1.09	mg/Kg
Q1744-01	B-158-SB01	SOIL	Mercury	0.020		0.0080	0.014	mg/Kg
Q1744-01	B-158-SB01	SOIL	Nickel	7.46		0.099	2.19	mg/Kg
Q1744-01	B-158-SB01	SOIL	Potassium	458		31.4	109	mg/Kg
Q1744-01	B-158-SB01	SOIL	Silver	0.32	J	0.057	0.55	mg/Kg
Q1744-01	B-158-SB01	SOIL	Sodium	71.3	J	39.5	109	mg/Kg
Q1744-01	B-158-SB01	SOIL	Vanadium	11.4		0.30	2.19	mg/Kg
Q1744-01	B-158-SB01	SOIL	Zinc	19.4		0.12	2.19	mg/Kg
Client ID : B-158-SB02								
Q1744-03	B-158-SB02	SOIL	Aluminum	10900		4.10	8.50	mg/Kg
Q1744-03	B-158-SB02	SOIL	Arsenic	8.96		0.49	1.70	mg/Kg
Q1744-03	B-158-SB02	SOIL	Barium	29.6		1.09	8.50	mg/Kg
Q1744-03	B-158-SB02	SOIL	Beryllium	0.46	J	0.020	0.51	mg/Kg
Q1744-03	B-158-SB02	SOIL	Calcium	1440		4.76	170	mg/Kg
Q1744-03	B-158-SB02	SOIL	Chromium	25.6		0.092	0.85	mg/Kg
Q1744-03	B-158-SB02	SOIL	Cobalt	5.09		0.099	2.55	mg/Kg
Q1744-03	B-158-SB02	SOIL	Copper	16.8		0.80	1.70	mg/Kg
Q1744-03	B-158-SB02	SOIL	Iron	20800		4.57	8.50	mg/Kg
Q1744-03	B-158-SB02	SOIL	Lead	291		0.26	1.02	mg/Kg
Q1744-03	B-158-SB02	SOIL	Magnesium	2870		5.83	170	mg/Kg
Q1744-03	B-158-SB02	SOIL	Manganese	123		0.12	1.70	mg/Kg
Q1744-03	B-158-SB02	SOIL	Mercury	0.11		0.012	0.022	mg/Kg
Q1744-03	B-158-SB02	SOIL	Nickel	14.4		0.15	3.40	mg/Kg
Q1744-03	B-158-SB02	SOIL	Potassium	1600		48.8	170	mg/Kg
Q1744-03	B-158-SB02	SOIL	Silver	0.71	J	0.088	0.85	mg/Kg
Q1744-03	B-158-SB02	SOIL	Sodium	475		61.4	170	mg/Kg

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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1744-03	B-158-SB02	SOIL	Vanadium	31.8		0.46	3.40	mg/Kg
Q1744-03	B-158-SB02	SOIL	Zinc	47.4		0.19	3.40	mg/Kg



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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-158-SB01								
Q1744-02	B-158-SB01	TCLP	Barium	778		62.8	500	ug/L
Q1744-02	B-158-SB01	TCLP	Chromium	11.3	J	6.60	50.0	ug/L
Client ID : B-158-SB02								
Q1744-04	B-158-SB02	TCLP	Barium	2170		62.8	500	ug/L
Q1744-04	B-158-SB02	TCLP	Lead	36.9	J	35.1	60.0	ug/L