

DATA PACKAGE

SUB - DATA

PROJECT NAME : AMTRAK SAWTOOTH BRIDGES 2024

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 : P4461 ATTENTION : Joseph Krupansky







Cover Page

- **Order ID :** P4461
- Project ID : Amtrak Sawtooth Bridges 2024
 - **Client :** Portal Partners Tri-Venture

Lab Sample Number

Client Sample Number

P4461-01

WB-303-BOT

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following

signature.

Signature :

NN Pankya

NYDOH CERTIFICATION NO - 11376



NJDEP CERTIFICATION NO - 20012



October 24, 2024

PM AAS-NEW 284 Sheffield Street Mountainside, NJ 07092 TEL: FAX: RE: P4461

Dear PM:

Order No.: 24101660

Summit Environmental Technologies, Inc. received 1 sample(s) on 10/22/2024 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

miles males

Jennifer Woolf Project Manager 3310 Win St. Cuyahoga Falls, Ohio 44223

Arkansas 88-0735, California 2943, Colorado, Connecticut PH-0108, Florida NELAC E87688, Idaho OH00923, Illinois 200061, Indiana C-OH-13, ISO/IEC 17025:2017 119125 L22-544, Kansas E-10347, Kentucky (Underground Storage Tank) 3, Kentucky 90146, Maryland 339, Michigan 9988, Minnesota 1780279, Nevada OH009232020-1, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, North Dakota R-201, Ohio DW, Ohio VAP CL0052, Oklahoma 2019-155, Oregon OH200001, Pennsylvania 68-01335, Rhode Island LA000317, South Carolina 92016001, Texas T104704466-19-16, Utah OH009232020-12, Virginia VELAP 10381, West Virginia 9957C



Case Narrative

WO#:24101660Date:10/24/2024

CLIENT:AAS-NEWProject:P4461

WorkOrder Narrative:

24101660: This report in its entirety consists of the following documents: Cover Letter, Case Narrative, Analytical Results, QC Summary Report, Applicable Accreditation Information, Chain-of-Custody, Cooler Receipt Form, and other applicable forms as necessary. All documents contain the Summit Environmental Technologies, Inc., Work Order Number assigned to this report.

Summit Environmental Technologies, Inc., holds the accreditations/certifications listed at the bottom of the cover letter that may or may not pertain to this report. Please refer to the "Accreditation Program Analytes Report" for accredited analytes list.

The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the customer. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the customer for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

All results for Solid Samples are reported on an "as received" or "wet weight" basis unless indicated as "dry weight" using the "-dry" designation on the reporting units.

This report is believed to meet all of the requirements of the accrediting agency, where applicable. Any comments or problems with the analytical events associated with this report are noted below.

WorkOrder Comments:

Sample analyzed by SW846: 9023 EOX due to matrix; Results reported on "as received" basis.



Qualifiers and Acronyms

WO#:24101660Date:10/24/2024

These commonly used Qualifiers and Acronyms may or may not be present in this report.

Qualifiers

U	The compound was analyzed for but was not detected above the MDL.
J	The reported value is greater than the Method Detection Limit but less than the Reporting Limit.
Н	The hold time for sample preparation and/or analysis was exceeded. Not Clean Water Act compliant.
D	The result is reported from a dilution.
Е	The result exceeded the linear range of the calibration or is estimated due to interference.
MC	The result is below the Minimum Compound Limit.
*	The result exceeds the Regulatory Limit or Maximum Contamination Limit.
m	Manual integration was used to determine the area response.
d	Manual integration in which peak was deleted
Ν	The result is presumptive based on a Mass Spectral library search assuming a 1:1 response.
Р	The second column confirmation exceeded 25% difference.
С	The result has been confirmed by GC/MS.
Х	The result was not confirmed when GC/MS Analysis was performed.
В	The analyte was detected in the Method Blank at a concentration greater than the RL.
MB+	The analyte was detected in the Method Blank at a concentration greater than the MDL.
G	The ICB or CCB contained reportable amounts of analyte.
QC-/+	The CCV recovery failed low (-) or high (+).
R/QDR	The RPD was outside of accepted recovery limits.
QL-/+	The LCS or LCSD recovery failed low (-) or high (+).
QLR	The LCS/LCSD RPD was outside of accepted recovery limits.
QM-/+	The MS or MSD recovery failed low (-) or high (+).
QMR	The MS/MSD RPD was outside of accepted recovery limits.
QV-/+	The ICV recovery failed low (-) or high (+).
S	The spike result was outside of accepted recovery limits.
W	Samples were received outside temperature limits $(0^\circ - 6^\circ C)$. Not Clean Water Act compliant.
Z	Deviation; A deviation from the method was performed; Please refer to the Case Narrative for

additional information

Acronyms

This list of Qualifiers and Acronyms reflects the most commonly utilized Qualifiers and Acronyms for reporting. Please refer to the Analytical Notes in the Case Narrative for any Qualifiers or Acronyms that do not appear in this list or for additional information regarding the use of these Qualifiers on reported data.



Workorder **Sample Summary**

WO#: 24101660 24-Oct-24

CLIENT: Project:	AAS-NEW P4461				
Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
24101660-001	WB-303-BOT		10/18/2024 10:40:00 AM	10/22/2024 9:55:00 AM	Solid



DATES REPORT

WO#: 24101660 24-Oct-24

Client:	AAS-NEW						
Project:	P4461						
Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
24101660-001A	WB-303-BOT	10/18/2024 10:40:00 AM	Solid	Extractable Organic Hali	des (EOX) (90		10/23/2024 9:00:00 AM

Original

	ogies, Inc. 10 Win St. hio 44223 253-4489 ettek.com			Date Repo Comp	orted: any:							
									10/22/202 P4461	24		
Client ID#	Lab ID#	Collected	Analyte	Result Units	Qual	Matrix	Method	DF	MDL	PQL	Run	Analyst
WB-303-BOT	001	10/18/2024	Extractable Organic Halides	16.8 mg/Kg	J	Solid	EPA 9023	1	11.7	40.0	10/23/2024	KMS



Accreditation Program Analytes Report

WO#: 24101660 24-Oct-24

Client: AAS-N	IEW		State: NJ	
Project: P4461			Program Name: W_N	PW_SCM_NI
Sample ID	Matrix	Test Name	Analyte	Status

24101660-001A	Solid

Extractable Organic Halides (EOX) (9023)

Analyte	Status
Extractable Organic Halides	А

AL	U	Unavailable	AR	Ν	Not Accredited	'A-NELA	Ν	Not Accredited
CO	U	Unavailable	CT	Α	Accredited			Accredited
HI-DW	U	Unavailable	IA	Ν	Not Accredited	L-NELAF	А	Accredited Original #1
IN_DW	U	Unavailable	S - NELA	А	Pageredited 11	KY_UST	А	Accredited
W(RADS)	Ν	Not Accredited	_DW_WW	А	Accredited	MD-DW	U	Unavailable



Summit Environmental Technologies, Inc. 3310 Win St. Cuyahoga Falls, Ohio 44223 TEL: (330) 253-8211 FAX: (330) 253-4489 Website: http://www.settek.com

QC SUMMARY REPORT

WO#: 24101660

24-Oct-24

Client: Project:	AAS-NEW P4461								I	BatchID: F	R195634		
Sample ID: MB-R Client ID: PBS	195634	SampType: Batch ID:	MBLK R195634		de: EOX_S(90 No: SW9023	023) Units: mg/Kg		Prep Da Analysis Da		2024	RunNo: 19: SeqNo: 52:		
Analyte			Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Extractable Organi	ic Halides		ND	40.0									U
Sample ID: LCS-F	195634	SampType:	LCS	TestCo	de: EOX_S(9(023) Units: mg/Kg		Prep Da	te:	RunNo: 195634			
Client ID: LCSS		Batch ID:	R195634	Test	lo: SW9023		Analysis Date: 10/23/2024				SeqNo: 529	3339	
Analyte			Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Extractable Organi	ic Halides		45.5	40.0	50.00	0	91.0	72	125				
Sample ID: 24101	660-001AMS	SampType:	MS	TestCo	de: EOX_S(90	023) Units: mg/Kg		Prep Da	te:		RunNo: 19	5634	
Client ID: WB-30	03-BOT	Batch ID:	R195634	Test	lo: SW9023			Analysis Da	te: 10/23/2	2024	SeqNo: 529	3342	
Analyte			Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Extractable Organi	ic Halides		450	40.0	500.0	16.75	86.6	78	136				
Sample ID: 24101	660-001AMSD	SampType:	MSD	TestCo	de: EOX_S(90	023) Units: mg/Kg		Prep Da	te:		RunNo: 19	634	
Client ID: WB-30	03-BOT	Batch ID:	R195634	Test	lo: SW9023			Analysis Da	te: 10/23/2	2024	SeqNo: 529	3343	
Analyte			Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Extractable Organi	ic Halides		440	40.0	500.0	16.75	84.6	78	136	450.0	2.25	20	
	Holding times for p Not Detected	preparation or analy	sis exceeded		PL Permit I	detected below quantitation lin				Manual Integration used Reporting Detection Lin		pons	

ND Not Detected U Samples with CalcVal < MDL

W Sample container temperature is out of limit as specified at testcode

Original



QC SUMMARY REPORT

WO#: 24101660

24-Oct-24

Client: AAS Project: P446	-NEW 51		BatchID:	R195634
Sample ID: 24101660-00 Client ID: WB-303-BOT	1 31	TestCode: EOX_S(9023) Units: mg/Kg TestNo: SW9023	Prep Date: Analysis Date: 10/23/2024	RunNo: 195634 SeqNo: 5293343
Analyte	Result	PQL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Sample ID: MB-R195634 Client ID: PBS	SampType: MBLK Batch ID: R195634	TestCode: EOX_S(9023) Units: mg/Kg TestNo: SW9023	Prep Date: Analysis Date: 10/23/2024	RunNo: 195634 SeqNo: 5293350
Analyte	Result	PQL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Extractable Organic Halide	es ND	40.0		U

Qualifiers: H Holding times ND Not Detected U Samples with

H Holding times for preparation or analysis exceeded ND Not Detected

Samples with CalcVal < MDL

J Analyte detected below quantitation limits PL Permit Limit

- M Manual Integration used to determine area response
 - RL Reporting Detection Limit

Original

W Sample container temperature is out of limit as specified at testcode

Page 9 of 11

	TILECH USTODY RECORD	for Vru,			789-8	treet, Mo 900 • Fa vw.chem	x (90)8) 78			92		Q	UOTE I	NO.		^{. NO.} РЧЧ 2033	60/61
	CLIENT INFORMATION	CLIEN	T PROJECT II	VFORM/	ATION		J.				CLIEN	T BILLI	NG INFO	ORMATION				
COMPANY:	REPORT TO BE SENT TO:	PROJE	ECT N/	AME: A	JIRAKS R	EPLAC	then.	91W OF B	RIDGE	BILL T	ю: <u>С</u> А	lemt	ch			PO#;		
ADDRESS: 1	210 ADANS AVEN	1172	PROJE	CT NO.	9500	00.87. RLOC	ATION:	KEARI	V4.	NS	ADDR	ESS:	284	She	file	ld	SF.	
CITY AUDO	BOW STATE: \$	PA ZIP: 1403	PROJE	CT MAI	NAGER:	JOE KRI	PAN	iky			CITY	Mou	ntai	nsid	e de la construcción de la const	STAT	E: NT	ZIP: 07097
	JOE KRUPANSKY		e-mail:	QAB	cab	MAYS . (om				ATTEN	TION:	Sand	nthe	2	РНО	NEQ08.	728-3143
PHONE: 610	301-834 2 FAX:	ATION	PHONE					ATION								ALYSIS		
FAX (RUSH) HARDCOPY (DA EDD: *TO BE APPRO\	ITA PACKAGE): 10	Leve	el 1 (Res el 2 (Res el 3 (Res aw Data	ults Only) ults + QC) ults + QC ı)	Level 4 (Q4 NJ Reduce NYS ASP) Other	C + Full I ed 🖸 U	Raw Data S EPA C	LP	-100-1 570-3	9 2011 2013	Int 5	HEIN CALLY	2464	II)	A LOAD S	3manuels 10A		
CHEMTECH			1	SAMI		SAMPLE	LES .	1000			PRES	SERVA	TIVES					MMENTS fy Preservatives
SAMPLE	PROJECT SAMPLE IDENTIF		SAMPLE	TYF			# OF BOTTLES	A	2	3	B 4	F 5	6	7	8	9	A-HCI B-HN03 C-H2SO4	D-NaOH E-ICE F-OTHER
1	WB-303-54		GW	X	Iolia	3 9.00	4	γ	X	X	¥	X	x					
2.	WB -303 - TOP	a	S	X	10/1		11	Ý	X	X	X	x	X					
3.	WB - 303 - BO		S	X	10/1			V	X	X	X	x	×	X	Y	X		
4.	TB-10182024		W			LAB	2	X.			-			^	1	1		
5.						919												
6.																		
7.																		
8.										1								
9.			1										2					
10.								1										
17		TODY MUST BE DOC	UMENTE			I TIME SAM	PLES C	HANG	E POSS	SESSIO	N INCL	UDING	COUR	IER DE	LIVER	AY 2	0	
RELINQUISHED BY RELINQUISHED BY 2.	SAMPLER: DATE/TIME:	BEGEIVED BY:	P	10-18	10	onditions of bottle	es or coole	ers at rece	ipt: 🗆 (COMPLIAN		N COMPLI	ANT D	COOLER T	TEMP		,0	°C
RELIQUISHED BY	Y SAMPLER: DATE/TIME:	C RECEIVED BY:			F			CLIEN		Hand D		0 0				_		nt Complete
····P4461	10-10-2	9 3. WHITE - CHEMTI	ECH COPY F	OR RETU		age of	DW - CHE	CHEMT MTECH C			ked Up - SAMPLE	_	eld Samp	oling			YES 12 of	□ NO



Solid

TOX

284 Sheffield Street, Mountainside, NJ 07092 (908) 789-8900 Fax (908) 789-8922 WWW.CHEMTECH.NET



10:40:00

1

10

CHAIN OF CUSTODY RECORD

WB-303-BOT

01

CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION	
COMPANY : Summit Enviromental Technologies I ORDER ID : P4461			
PROJECT ID:Amtrak Sawtooth Bridges 2024		ADDRESS : 284, Sheffield Street	
PROJECT MANAGER YAZM	EEN	CITY: Mountainside State : NJ ZIP : 07092	
E-mail : YAZMEEN@CHEMTECH.NET		ATTENTION :YAZMEE	
PHONE : (908) 789 8900	FAX: (908) 789 8922	PHONE : (908) 789 8900 FAX : (908) 789 8922	
	ORDER ID : P4461 PROJECT ID:Amtrak Sawtooth Bridg PROJECT MANAGER YAZM E-mail : YAZMEEN	ORDER ID : P4461 PROJECT ID:Amtrak Sawtooth Bridges 2024 PROJECT MANAGER YAZMEEN E-mail : YAZMEEN@CHEMTECH.NET	

EDD	EXCEL NJCLEAN	eport : NJ Redu	uced	Comment :						
	CLIENT	s	SAMPLE	ANALYSIS	Preservative	Method	SAMPLE CO	LLECTION	# OF	ТАТ
	SAMPLE IDENTIFIC		MATRIX				DATE	TIME	BOTTLES	DAYS

Cool 4 deg C

9023

10/18/2024

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGES POSSESSION INCLUDING COURIER DELIVERY							
RELINQUIESHED BY SAMPLER:			Conditions of bottles or Coolers at receipt:	Compliant Non Compliant	Cooler Temp		
1.	10-21-24	1.(.6.0955		- compliant - Non compliant	Ice or Cooler?		
RELINQUIESHED BY:	DATETIME:	RECEIVED BY:	29-0.1=3.8				
2.		2.	3.9-0.1=3.8 Fedux coder 77994	10 29 0053	-		
RELINQUIESHED BY:	DATETIME:	RECEIVED BY:	Page 10 of 11		Shipment Complete:		
		3.	Page 1 of 1		□ _{YES} □ _{NO}		
P4461	ļ		ļ		13 of 14		

P	SUMMI ENVIRONMENTAL TECHNOLOGIES,	INC.
	Analytical Laboratories	T

Summit Environmental Technologies, Inc. 3310 Win St. Cuyahoga Falls, Ohio 44223 TEL: (330) 253-8211 FAX: (330) 253-4489

Sample Log-In Check List

Website: http://www.settek.com								
Client Name: CHE-NJ-07972		Work Order Number	: 24101660	RcptNo: 1				
Logged by:	ogged by: Anthony W. Britton 10/22/2024 9:55:00 A		M	anthory .	Butter Butter Apr Maluel			
Completed By:	: Anthony W. Britton	10/22/2024 2:14:26 P	Μ	anthory ,	Sutter			
Reviewed By:	Jennifer Woolf	10/23/2024 10:25:34	AM	Jund	for molecel			
Chain of Cu	istody							
1. Is Chain c	of Custody complete?		Yes 🖌	No 🗌	Not Present			
2. How was t	the sample delivered?		<u>FedEx</u>					
			Tracking No	<u>).: 779410290053</u>	3			
<u>Log In</u>				_				
3. Coolers a	re present?		Yes 🔽	No	NA			
4 Shipping	container/cooler in good cond	dition?	Yes 🖌	No 🗌				
	eals intact on shipping conta		Yes	No 🗌	Not Present			
No.	Seal Dat		Signed By:					
-	ttempt made to cool the sam		Yes 🗹	No 🗌				
6. Were all s	amples received at a temper	rature of >0° C to 6.0°C	Yes 🖌	No 🗌				
7. Sample(s)) in proper container(s)?		Yes 🖌	No 🗌				
8. Sufficient	sample volume for indicated	test(s)?	Yes 🖌	No 🗌				
9. Are samp	les (except VOA and ONG) p	properly preserved?	Yes 🖌	No 🗌				
10. Was pres	ervative added to bottles?		Yes	No 🗹	NA 🗌			
11. Is the hea	dspace in the VOA vials less	than 1/4 inch or 6 mm?	Yes	No 🗌	No VOA Vials 🗹			
12. Were any	sample containers received	broken?	Yes	No 🗹				
	erwork match bottle labels? crepancies on chain of custod	dy)	Yes 🖌	No 🗌				
14 Are matric	ces correctly identified on Ch	ain of Custody?	Yes 🖌	No 🗌				
	what analyses were requeste		Yes 🖌	No 🗌				
-	nolding times able to be met?		Yes 🖌	No 🗌				
	ify customer for authorization		—					
Special Han	ndling (if applicable)							
-	t notified of all discrepancies	with this order?	Yes	No 🗌	NA 🗹			
Pers	on Notified:	Date:						
By W	Vhom:	Via:	eMail	Phone 🗌 Fax	In Person			
Rega	arding:							
	nt Instructions:							
18. Additional	remarks:							

Cooler Information

Cooler No	Temp ⁰C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.8	Good	Not Present			