

Laboratory Report



Absolute Resource *associates*

124 Heritage Avenue Portsmouth NH 03801

Luke Frankel
FB Environmental
170 West Road
Suite 6
Portsmouth, NH 03801

PO Number: None
Job ID: 66185
Date Received: 7/19/23

Project: Parsons Creek 2023

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below. The reported results apply to the sample(s) in the condition as received at the time the laboratory took custody. This report shall not be reproduced except in full, without written approval of the laboratory. The liability of ARA is limited to the cost of the requested analyses, unless otherwise agreed upon in writing.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

A handwritten signature in black ink, appearing to read 'Willie Stone', written over a light blue rectangular background.

Willie Stone
Authorized Signature

Date of Approval: 7/20/2023
Total number of pages: 4

Absolute Resource Associates Certifications

New Hampshire 1732
Maine NH902

Massachusetts M-NH902

Project ID: Parsons Creek 2023

Job ID: 66185

Lab Number: 66185-001

Sample ID: PC-OUT

Matrix: Water

Sampled: 7/19/23 8:15

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
Enterococci Bacteria	1281.0	10.0	MPN	10	DBV		2302075	7/19/23	9:31	Enterolert

Sample Receipt Condition Report

66185 FBE

Absolute Resource Associates

Job Number:

Samples Received from: -UPS -FedEx -USPS -Lab Courier -Client Drop-off -_____

Custody Seals - present & intact: -Yes -No -N/A CoC signed: -Yes -No

Receipt Temp: 0 °C Samples on ice? -Yes -No -N/A Sampled < 24 hrs ago? -Yes -No

PFAS-only real ice? -Yes -No -N/A Any signs of freezing? -Yes -No

Comments:

Preservation / Analysis	Bottle Size/Type & Quantity						Check pH for ALL applicable* samples and document:
HCl	40mL(G)	250mL(P)	500mL(P)	1L(G)			*pH ✓ by analyst: VOC, PFAS, TOC, O&G Residual Cl not present: ABN625 _____ Pest608 _____ Bacteria ResCl ✓ by analyst PC Dry applicable? Y (N)
HNO ₃	125mL(P)	250mL(P)	500mL(P)				
H ₂ SO ₄	40mL(G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)		
NaOH	125mL(P)	250mL(P)					
(NH ₄) ₂ SO ₄	60mL(P)	125mL(P)	250mL(P)				
ZnAc-NaOH	125mL(P)	250mL(P)					
Trizma	125mL(P)	250mL (P)					
NH ₄ Ac	125mL(P)	250mL (P)					
Na ₂ S ₂ O ₃	40mL(G)	120mL(P)	→ whirlpak → 1				
MeOH	20mL(G)	40mL(G)					
None (solid)	2oz(G)	4oz(G)	8oz(G)	Syringe			
None (water)	40ml (G)	60mL(P)	125mL(P)	250mL(P)	500mL(P)	1L(G) 1L(P)	
Mold	Cassette	Bulk	Plate	Tape Lift			
Asbestos	Cassette	Bulk					
Lead	Cassette	Bulk	Wipe				

Login Review	Yes	No	NA	Comments
Proper lab sample containers/enough volume/correct preservative?	x			
Analyses marked on COC match bottles received?	x			
VOC & TOC Water-no headspace?			x	
VOC Solid-MeOH covers solid, no leaks, Prep Expiration OK?				
PFAS: ARA bottles & samples/FRB same Lot#? QC rec'd, if req'd?			x	Lot ID#: _____
Bacteria bottles provided by ARA?		x		customer used whirlpak
Samples within holding time?	x			
Immediate tests communicated in writing: NO ₃ , NO ₂ , PO ₄ , pH, BOD, Coliform/E. coli (P/A or MPN), Enterococci, Color Surfactants, Turbidity, Odor, CrVI, Ferrous Iron, Dissolved Oxygen, Umpres 624	x			AJD
Date, time & ID on samples match CoC?	x			
Rushes communicated to analyst in writing?			x	
Subcontracted samples sent to sub lab?			x	Date Prep'd: _____ Date sent: _____
Pesticides EPA 608 pH5-9?			x	
Compliance samples have no discrepancies/require no flags?			x	(Or must be rejected)
Log-in Supervisor notified immediately of following items:			x	Discrepancies, compliance samples (NHDES, MADEP, DoD etc.) or uncommon requests.

Inspected and Received By: AMN Date/Time: 07/19/23 9:12

Peer Review Checklist			
<input type="checkbox"/> Client ID/Project Manager	<input type="checkbox"/> On Ice, Temperature OK?	<input type="checkbox"/> Sample IDs	<input type="checkbox"/> Analyses in Correctly
<input type="checkbox"/> Project Name	<input type="checkbox"/> PO# (if provided)	<input type="checkbox"/> Matrix	-references
<input type="checkbox"/> TAT/rushes communicated	<input type="checkbox"/> Sub samples sent? Shipping Charge?	<input type="checkbox"/> Date/Time collected	-wastewater methods
<input type="checkbox"/> Received Date/Time	<input type="checkbox"/> Issues noted above communicated?	<input type="checkbox"/> Short HTs communicated	<input type="checkbox"/> Notes from CoC in LIMS
Reviewed By: _____		Date: _____	

Notes: (continue on back as needed)

	Initials	Date	What was sent?
Uploaded / PDF _____	_____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	_____	Report / Data / EDD / Invoice
Uploaded / PDF _____	_____	_____	Report / Data / EDD / Invoice