

HEA

LABORATORY DATA SHEETS

**YEAR 2022 SUMMARY REPORT
RESTORATION OF WHITE POND'S WATER**



New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 2F03025
Client Project: 03137 - WP

Report Date: 13-June-2022

Prepared for:

Jon Higgins
Higgins Environmental
19 Elizabeth Street
Amesbury, MA 01913

Richard Warila, Laboratory Director
New England Testing Laboratory, Inc.
59 Greenhill Street
West Warwick, RI 02893
rich.warila@newenglandtesting.com

Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 06/03/22. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 2F03025. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
2F03025-01	WP-Trap	Water	06/02/2022	06/03/2022
2F03025-02	WP-In	Water	06/02/2022	06/03/2022
2F03025-03	WP-Out	Water	06/02/2022	06/03/2022

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

WP-In (Lab Number: 2F03025-02)

Analysis

Iron
Nitrate and Nitrite as N
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon
Total Phosphorous

Method

EPA 6010C
4500-N03-E
EPA 6010C
SM4500-N-C (11)
Calculation
SM5310-C
SM4500-P-E (11)

WP-Out (Lab Number: 2F03025-03)

Analysis

Iron
Nitrate and Nitrite as N
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon
Total Phosphorous

Method

EPA 6010C
4500-N03-E
EPA 6010C
SM4500-N-C (11)
Calculation
SM5310-C
SM4500-P-E (11)

WP-Trap (Lab Number: 2F03025-01)

Analysis

Iron
Nitrate and Nitrite as N
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon
Total Phosphorous

Method

EPA 6010C
4500-N03-E
EPA 6010C
SM4500-N-C (11)
Calculation
SM5310-C
SM4500-P-E (11)

Method References

Standard Methods for the Examination of Water and Wastewater, 20th Edition, APHA/ AWWA-WPCF, 1998

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Soil Survey Laboratory Methods Manual, USDA/NCRS, 2014

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

Results: General Chemistry

Sample: WP-Trap
Lab Number: 2F03025-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	0.6		0.1	mg/L	06/08/22	06/08/22
Nitrate and Nitrite as N	ND		0.03	mg/L	06/03/22	06/03/22
Total Organic Carbon	3.7		0.5	mg/L	06/06/22	06/06/22
Total Phosphorous	0.05		0.02	mg/L	06/10/22	06/10/22
Total Nitrogen	0.600		0.100	mg/L	06/08/22	06/08/22

Results: General Chemistry**Sample: WP-In****Lab Number: 2F03025-02 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	0.2		0.1	mg/L	06/08/22	06/08/22
Nitrate and Nitrite as N	0.03		0.03	mg/L	06/03/22	06/03/22
Total Organic Carbon	2.7		0.5	mg/L	06/06/22	06/06/22
Total Phosphorous	ND		0.02	mg/L	06/10/22	06/10/22
Total Nitrogen	0.230		0.100	mg/L	06/08/22	06/08/22

Results: General Chemistry**Sample: WP-Out****Lab Number: 2F03025-03 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	0.1		0.1	mg/L	06/08/22	06/08/22
Nitrate and Nitrite as N	0.03		0.03	mg/L	06/03/22	06/03/22
Total Organic Carbon	2.7		0.5	mg/L	06/06/22	06/06/22
Total Phosphorous	ND		0.02	mg/L	06/10/22	06/10/22
Total Nitrogen	0.130		0.100	mg/L	06/08/22	06/08/22

Results: Total Metals

Sample: WP-Trap
Lab Number: 2F03025-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Iron	0.17		0.05	mg/L	06/06/22	06/10/22
Sulfur	1.5		0.5	mg/L	06/06/22	06/10/22

Results: Total Metals

Sample: WP-In
Lab Number: 2F03025-02 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Iron	ND		0.05	mg/L	06/06/22	06/10/22
Sulfur	1.4		0.5	mg/L	06/06/22	06/10/22

Results: Total Metals

Sample: WP-Out
Lab Number: 2F03025-03 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Iron	ND		0.05	mg/L	06/06/22	06/10/22
Sulfur	1.3		0.5	mg/L	06/06/22	06/10/22

Quality Control

General Chemistry

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2F0175 - General Chemistry										
Blank (B2F0175-BLK1)										
Nitrate and Nitrite as N	ND		0.03	mg/L	Prepared & Analyzed: 06/03/22					
Blank (B2F0175-BLK2)										
Nitrate and Nitrite as N	ND		0.03	mg/L	Prepared & Analyzed: 06/03/22					
Blank (B2F0175-BLK3)										
Nitrate and Nitrite as N	ND		0.03	mg/L	Prepared & Analyzed: 06/03/22					
LCS (B2F0175-BS1)										
Nitrate and Nitrite as N	0.80		0.03	mg/L	0.800		101	90-110		
LCS (B2F0175-BS2)										
Nitrate and Nitrite as N	0.76		0.03	mg/L	0.800		95.2	90-110		
LCS (B2F0175-BS3)										
Nitrate and Nitrite as N	0.82		0.03	mg/L	0.800		102	90-110		
Duplicate (B2F0175-DUP1)										
Nitrate and Nitrite as N	0.13		0.03	mg/L	Source: 2F03002-03		Prepared & Analyzed: 06/03/22			
					0.13				4.65	200
Matrix Spike (B2F0175-MS1)										
Nitrate and Nitrite as N	0.77		0.03	mg/L	Source: 2F03002-03		Prepared & Analyzed: 06/03/22			
					0.800	0.13	79.2	80-120		
Batch: B2F0226 - TOC										
Blank (B2F0226-BLK1)										
Total Organic Carbon	ND		0.5	mg/L	Prepared & Analyzed: 06/06/22					

**Quality Control
(Continued)**

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2F0226 - TOC (Continued)										
LCS (B2F0226-BS1)										
Total Organic Carbon	4.6			mg/L	5.00		92.7	90-110		
LCS Dup (B2F0226-BSD1)										
Total Organic Carbon	4.9			mg/L	5.00		97.1	90-110	4.64	20
Batch: B2F0460 - TKN										
Blank (B2F0460-BLK1)										
Kjeldahl Nitrogen	ND		0.1	mg/L						
Blank (B2F0460-BLK2)										
Kjeldahl Nitrogen	ND		0.1	mg/L						
Batch: B2F0579 - Total phosphate										
Blank (B2F0579-BLK1)										
Total Phosphorous	ND		0.02	mg/L						
Blank (B2F0579-BLK2)										
Total Phosphorous	ND		0.02	mg/L						
LCS (B2F0579-BS1)										
Total Phosphorous	1.01		0.02	mg/L	1.00		101	90-110		
LCS (B2F0579-BS2)										
Total Phosphorous	1.01		0.02	mg/L	1.00		101	90-110		

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2F0579 - Total phosphate (Continued)										
Duplicate (B2F0579-DUP1)										
			Source: 2F03014-01			Prepared & Analyzed: 06/10/22				
Total Phosphorous	0.05		0.02	mg/L		0.05			2.15	20
Matrix Spike (B2F0579-MS1)										
			Source: 2F03014-01			Prepared & Analyzed: 06/10/22				
Total Phosphorous	1.09		0.02	mg/L	1.00	0.05	104	80-120		

Quality Control
(Continued)

Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2F0258 - Metals Digestion Waters										
Blank (B2F0258-BLK1)										
							Prepared: 06/06/22	Analyzed: 06/10/22		
Sulfur	ND		0.5	mg/L						
Iron	ND		0.05	mg/L						
LCS (B2F0258-BS1)										
							Prepared: 06/06/22	Analyzed: 06/10/22		
Iron	9.76		0.05	mg/L	10.0		97.6	85-115		

Notes and Definitions

Item	Definition
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.



LABORATORY RECORD

PROJ. NO.		PROJECT NAME/LOCATION		AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS**	REMARKS
03137 WP		HEA								
REPORT TO: Jon Higgins		INVOICE TO: Jon Higgins								
DATE	TIME	COMPOUND	GRAB	SAMPLE I.D.						
6/22/12	1210		✓	WP-TRAP	✓		6	①⑤	✓ L L L L L	preservatives: ① HNO ₃ for Fe, S ② NaOH for N, P ③ H ₂ SO ₄ for N ④ H ₂ SO ₄ WA for Carbon ⑤ APH < 4°C
6/22/12	1220		✓	WP-IN	✓		6	"	✓ L L L L L	
6/22/12	1235		✓	WP-OUT	✓		6	"	✓ L L L L L	
Sampled by: (Signature)		Date/Time		Received by: (Signature)		Date/Time		Laboratory Remarks: 5		Special Instructions:
Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time		Temp. received: Cooled <input type="checkbox"/>		List Specific Detection Limit Requirements:
Relinquished by: (Signature)		Date/Time		Received for Laboratory by: (Signature)		Date/Time				Turnaround (Business Days):

TESTS**
 TOTAL Iron ✓
 TOTAL Sulfur ✓
 TOTAL Nitrogen ✓
 TOTAL Carbon ✓
 TOTAL Phosphorus ✓

**Netlab subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates, CT ETPH

Analysis

Date
June 15.2022

Spaulding Hall
38 Academic Way
Durham, NH 03824-2617 USA

V: 603.862.3205
F: 603.862.3784
TTY: 7.1.1 (Relay NH)

nancy.leland@unh.edu

james.haney@unh.edu

To:
Nancy Leland, Lim-Tex 270 Great Pond Road North Andover, MA 01845

Date /Time Collected	Samples Analyzed	Phycocyanin (ug L-1)	Total Microcystin (ug L-1).
		EPA 2021 V.1	EPA Method 546
6/2/2022 1210	WP-Trap	7.23	N/D
6/2/2022 1220	WP-In	4.46	N/D
6/2/2022 1235	WP-Out	1.92	N/D



New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 2H17031
Client Project: 03136 - WP Concord

Report Date: 24-August-2022

Prepared for:

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Amesbury, MA 01913

Richard Warila, Laboratory Director
New England Testing Laboratory, Inc.
59 Greenhill Street
West Warwick, RI 02893
rich.warila@newenglandtesting.com

Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 08/17/22. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 2H17031. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
2H17031-01	WP-Trap	Water	08/16/2022	08/17/2022
2H17031-02	WP-In	Water	08/16/2022	08/17/2022
2H17031-03	WP-Out	Water	08/16/2022	08/17/2022

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

WP-In (Lab Number: 2H17031-02)

Analysis

Iron
Nitrate and Nitrite as N
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon
Total Phosphorous

Method

EPA 6010C
4500-N03-E
EPA 6010C
SM4500-N-C (11)
Calculation
SM5310-C
SM4500-P-E (11)

WP-Out (Lab Number: 2H17031-03)

Analysis

Iron
Nitrate and Nitrite as N
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon
Total Phosphorous

Method

EPA 6010C
4500-N03-E
EPA 6010C
SM4500-N-C (11)
Calculation
SM5310-C
SM4500-P-E (11)

WP-Trap (Lab Number: 2H17031-01)

Analysis

Iron
Nitrate and Nitrite as N
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon
Total Phosphorous

Method

EPA 6010C
4500-N03-E
EPA 6010C
SM4500-N-C (11)
Calculation
SM5310-C
SM4500-P-E (11)

Method References

Standard Methods for the Examination of Water and Wastewater, 20th Edition, APHA/ AWWA-WPCF, 1998

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Soil Survey Laboratory Methods Manual, USDA/NCRS, 2014

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

Results: General Chemistry

Sample: WP-Trap
Lab Number: 2H17031-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	0.8		0.1	mg/L	08/19/22	08/19/22
Nitrate and Nitrite as N	ND		0.03	mg/L	08/18/22	08/18/22
Total Organic Carbon	3.1		0.2	mg/L	08/23/22	08/23/22
Total Phosphorous	ND		0.02	mg/L	08/22/22	08/22/22
Total Nitrogen	0.800		0.100	mg/L	08/19/22	08/19/22

Results: General Chemistry**Sample: WP-In****Lab Number: 2H17031-02 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	0.3		0.1	mg/L	08/19/22	08/19/22
Nitrate and Nitrite as N	0.08		0.03	mg/L	08/18/22	08/18/22
Total Organic Carbon	2.7		0.2	mg/L	08/23/22	08/23/22
Total Phosphorous	ND		0.02	mg/L	08/22/22	08/22/22
Total Nitrogen	0.380		0.100	mg/L	08/19/22	08/19/22

Results: General Chemistry**Sample: WP-Out****Lab Number: 2H17031-03 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	0.3		0.1	mg/L	08/19/22	08/19/22
Nitrate and Nitrite as N	0.04		0.03	mg/L	08/18/22	08/18/22
Total Organic Carbon	2.7		0.2	mg/L	08/23/22	08/23/22
Total Phosphorous	ND		0.02	mg/L	08/22/22	08/22/22
Total Nitrogen	0.340		0.100	mg/L	08/19/22	08/19/22

Results: Total Metals

Sample: WP-Trap
Lab Number: 2H17031-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Iron	0.49		0.05	mg/L	08/18/22	08/23/22
Sulfur	1.3		0.5	mg/L	08/18/22	08/22/22

Results: Total Metals

Sample: WP-In
Lab Number: 2H17031-02 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Iron	ND		0.05	mg/L	08/18/22	08/23/22
Sulfur	1.3		0.5	mg/L	08/18/22	08/22/22

Results: Total Metals

Sample: WP-Out
Lab Number: 2H17031-03 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Iron	ND		0.05	mg/L	08/18/22	08/23/22
Sulfur	1.4		0.5	mg/L	08/18/22	08/22/22

Notes and Definitions

Item	Definition
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.

NEW ENGLAND TESTING LABORATORY, INC.

59 Greenhill Street
West Warwick, RI 02893
1-888-863-8522



2 H 1 7031 T

CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME/LOCATION		A C C U M U L A T I O N	S O I L	R I M O	NO. OF CONTAINERS	T E M P E R A T U R E	TESTS**					REMARKS
DATE	TIME	C O M P	G R A B						SAMPLE I.D.	Total Iron	Total Sulfur	Total Nitrogen	Total Carbon	
8/16/22	0730	✓		WP-TRAP	✓		5	1-5	✓	✓	✓	✓	✓	
	0740	✓		WP-IN	✓		5	"	✓	✓	✓	✓	✓	
	0750	✓		WP-OUT	✓		5	"	✓	✓	✓	✓	✓	presentatives ① HNO ₃ for Fe, S ② MUN for N, P ③ H ₂ SO ₄ for N ④ H ₂ SO ₄ VOA _s for C ⑤ All < 4°C

Sampled by: (Signature) 	Date/Time 8/16/22 0800	Received by: (Signature) 	Date/Time 8/16/22 0800	Laboratory Remarks: Temp. received: <u>5</u> Cooled <input type="checkbox"/>	Special Instructions: List Specific Detection Limit Requirements:
Relinquished by: (Signature) 	Date/Time 8/17/22 1250	Received by: (Signature) Bill Ward	Date/Time 8-17-22 1255		
Relinquished by: (Signature) Bill Ward	Date/Time 8-17-22 1545	Received for Laboratory by: (Signature) Yang Yang	Date/Time 8/17/22 1545		

**Netlab subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates, CT ETPH

Analysis

Date
August 16, 2022

Spaulding Hall
38 Academic Way
Durham, NH 03824-2617 USA

V: 603.862.3205
F: 603.862.3784
TTY: 7.1.1 (Relay NH)

nancy.leland@unh.edu

james.haney@unh.edu

To:
Nancy Leland, Lim-Tex 270 Great Pond Road North Andover, MA 01845

Date /Time Collected	Samples Analyzed	Phycocyanin (ug L-1)	Anatoxin-a (ug L-1).
		EPA 2021 V.1	ELISA analysis
8/16/2022 0730	WP-Trap	17.20	0.08
8/16/2022 0740	WP-In	2.51	0.11
8/16/2022 0750	WP-Out	2.38	N/D



New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 2J13028
Client Project: 03136 - WP Concord

Report Date: 27-October-2022

Prepared for:

Jon Higgins
Higgins Environmental
19 Elizabeth Street
Amesbury, MA 01913

Richard Warila, Laboratory Director
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59 Greenhill Street
West Warwick, RI 02893
rich.warila@newenglandtesting.com

Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 10/13/22. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 2J13028. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
2J13028-01	WP-Trap	Water	10/12/2022	10/13/2022
2J13028-02	WP-In	Water	10/12/2022	10/13/2022
2J13028-03	WP-Out	Water	10/12/2022	10/13/2022

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

WP-In (Lab Number: 2J13028-02)

Analysis

Iron
Nitrate and Nitrite as N
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon
Total Phosphorous

Method

EPA 6010C
4500-N03-E
EPA 6010C
SM4500-N-C (11)
Calculation
SM5310-C
SM4500-P-E (11)

WP-Out (Lab Number: 2J13028-03)

Analysis

Iron
Nitrate and Nitrite as N
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon
Total Phosphorous

Method

EPA 6010C
4500-N03-E
EPA 6010C
SM4500-N-C (11)
Calculation
SM5310-C
SM4500-P-E (11)

WP-Trap (Lab Number: 2J13028-01)

Analysis

Iron
Nitrate and Nitrite as N
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon
Total Phosphorous

Method

EPA 6010C
4500-N03-E
EPA 6010C
SM4500-N-C (11)
Calculation
SM5310-C
SM4500-P-E (11)

Method References

Standard Methods for the Examination of Water and Wastewater, 20th Edition, APHA/ AWWA-WPCF, 1998

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Soil Survey Laboratory Methods Manual, USDA/NCRS, 2014

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

Results: General Chemistry

Sample: WP-Trap
Lab Number: 2J13028-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	1.1		0.1	mg/L	10/18/22	10/18/22
Nitrate and Nitrite as N	ND		0.03	mg/L	10/13/22	10/13/22
Total Organic Carbon	4.0		0.2	mg/L	10/17/22	10/17/22
Total Phosphorous	ND		0.02	mg/L	10/21/22	10/21/22
Total Nitrogen	1.10		0.100	mg/L	10/18/22	10/18/22

Results: General Chemistry**Sample: WP-In****Lab Number: 2J13028-02 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	0.5		0.1	mg/L	10/18/22	10/18/22
Nitrate and Nitrite as N	0.04		0.03	mg/L	10/13/22	10/13/22
Total Organic Carbon	2.4		0.2	mg/L	10/17/22	10/17/22
Total Phosphorous	ND		0.02	mg/L	10/21/22	10/21/22
Total Nitrogen	0.540		0.100	mg/L	10/18/22	10/18/22

Results: General Chemistry

Sample: WP-Out
Lab Number: 2J13028-03 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	0.5		0.1	mg/L	10/18/22	10/18/22
Nitrate and Nitrite as N	ND		0.03	mg/L	10/13/22	10/13/22
Total Organic Carbon	2.5		0.2	mg/L	10/17/22	10/17/22
Total Phosphorous	ND		0.02	mg/L	10/21/22	10/21/22
Total Nitrogen	0.500		0.100	mg/L	10/18/22	10/18/22

Results: Total Metals

Sample: WP-Trap
Lab Number: 2J13028-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Iron	0.40		0.05	mg/L	10/14/22	10/20/22
Sulfur	1.2		0.5	mg/L	10/14/22	10/21/22

Results: Total Metals

Sample: WP-In
Lab Number: 2J13028-02 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Iron	0.08		0.05	mg/L	10/14/22	10/20/22
Sulfur	1.2		0.5	mg/L	10/14/22	10/21/22

Results: Total Metals

Sample: WP-Out
Lab Number: 2J13028-03 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Iron	0.05		0.05	mg/L	10/14/22	10/20/22
Sulfur	1.2		0.5	mg/L	10/14/22	10/21/22

Quality Control

General Chemistry

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2J0610 - General Chemistry										
Blank (B2J0610-BLK1)										
Nitrate and Nitrite as N	ND		0.03	mg/L	Prepared & Analyzed: 10/13/22					
Blank (B2J0610-BLK2)										
Nitrate and Nitrite as N	ND		0.03	mg/L	Prepared & Analyzed: 10/13/22					
Blank (B2J0610-BLK3)										
Nitrate and Nitrite as N	ND		0.03	mg/L	Prepared & Analyzed: 10/13/22					
LCS (B2J0610-BS1)										
Nitrate and Nitrite as N	0.87		0.03	mg/L	0.800		109	90-110		
LCS (B2J0610-BS2)										
Nitrate and Nitrite as N	0.76		0.03	mg/L	0.800		95.6	90-110		
LCS (B2J0610-BS3)										
Nitrate and Nitrite as N	0.75		0.03	mg/L	0.800		93.8	90-110		
Duplicate (B2J0610-DUP1)										
					Source: 2J12051-02					
Nitrate and Nitrite as N	2.54		0.15	mg/L		2.54			0.197	200
Matrix Spike (B2J0610-MS1)										
					Source: 2J12051-02					
Nitrate and Nitrite as N	3.61		0.15	mg/L	0.800	2.54	133	80-120		
Batch: B2J0733 - TOC										
Blank (B2J0733-BLK1)										
Total Organic Carbon	ND		0.2	mg/L	Prepared & Analyzed: 10/17/22					

**Quality Control
(Continued)**

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2J0733 - TOC (Continued)										
LCS (B2J0733-BS1)										
Total Organic Carbon	4.5			mg/L	5.00		90.6	90-110		
Prepared & Analyzed: 10/17/22										
LCS Dup (B2J0733-BSD1)										
Total Organic Carbon	4.9			mg/L	5.00		98.8	90-110	8.67	20
Prepared & Analyzed: 10/17/22										
Batch: B2J0994 - TKN										
Blank (B2J0994-BLK1)										
Kjeldahl Nitrogen	ND		0.1	mg/L						
Prepared & Analyzed: 10/18/22										
Blank (B2J0994-BLK2)										
Kjeldahl Nitrogen	ND		0.1	mg/L						
Prepared & Analyzed: 10/18/22										
Batch: B2J1112 - Total phosphate										
Blank (B2J1112-BLK1)										
Total Phosphorous	ND		0.02	mg/L						
Prepared & Analyzed: 10/21/22										
Blank (B2J1112-BLK2)										
Total Phosphorous	ND		0.02	mg/L						
Prepared & Analyzed: 10/21/22										
LCS (B2J1112-BS1)										
Total Phosphorous	1.00		0.02	mg/L	1.00		100	90-110		
Prepared & Analyzed: 10/21/22										
LCS (B2J1112-BS2)										
Total Phosphorous	1.01		0.02	mg/L	1.00		101	90-110		
Prepared & Analyzed: 10/21/22										

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2J1112 - Total phosphate (Continued)										
Duplicate (B2J1112-DUP1)										
Total Phosphorous	ND		0.02	mg/L		ND				20
Source: 2J13013-01 Prepared & Analyzed: 10/21/22										
Matrix Spike (B2J1112-MS1)										
Total Phosphorous	0.93		0.02	mg/L	1.00	ND	92.8	80-120		
Source: 2J13013-01 Prepared & Analyzed: 10/21/22										

Quality Control
(Continued)

Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2J0657 - Metals Digestion Waters										
Blank (B2J0657-BLK1)										
							Prepared: 10/14/22	Analyzed: 10/20/22		
Iron	ND		0.05	mg/L						
Sulfur	ND		0.5	mg/L						
LCS (B2J0657-BS1)										
							Prepared: 10/14/22	Analyzed: 10/20/22		
Iron	10.1		0.05	mg/L	10.0		101	85-115		
Sulfur	0.9		0.5	mg/L				85-115		

Notes and Definitions

Item	Definition
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.



CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME/LOCATION		ADVERSE	SOIL	OTHER	NO. OF CONTAINERS	DEGRADATIVE	TESTS*					REMARKS	
CLIENT		REPORT TO:							DATE	TIME	COMP	GRAB	SAMPLE I.D.		see Remarks
03136		WP - Concord													
HEA		Jan Higgins													
INVOICE TO: Jan Higgins															
10/12/00	1120		✓				5		1-5	✓	✓	✓	✓	✓	
10/12/00	1130		✓				5		1-5	✓	✓	✓	✓	✓	Preventives:
10/12/00	1140		✓				5		1-5	✓	✓	✓	✓	✓	① H ₂ O ₂ for Fe, S
															② NUN for N, P
															③ H ₂ O ₂ for N
															④ H ₂ O ₂ / VAA for C
															⑤ all < 4%

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Laboratory Remarks:	Special Instructions: List Specific Detection Limit Requirements:
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Temp. received: <u>5</u>	
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time	Cooled <input type="checkbox"/>	
	10/12/00 1200		10/13/00 1300		Turnaround (Business Days) _____
	10/13/00 1700		10/13/00 1700		

**Netlab subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMFs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates, CT ETPH

Analysis

Date
October 16, 2022

Spaulding Hall
38 Academic Way
Durham, NH 03824-2617 USA

V: 603.862.3205
F: 603.862.3784
TTY: 7.1.1 (Relay NH)

nancy.leland@unh.edu

james.haney@unh.edu

To:
Nancy Leland, Lim-Tex 270 Great Pond Road North Andover, MA 01845

Date /Time Collected	Samples Analyzed	Phycocyanin (ug L-1)	Anatoxin-a (ATX) or microcystin (MC) ug L-1
		EPA 2021 V.1	ELISA analysis
10/12//2022 1120	WP-Trap-Microcystis spp.	113.24	0.802 MC
10/12/2022 1130	WP-In	1.69	
10/12/2022 1140	WP-Out	2.61	



New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 1115020
Client Project: 03132 - White's Pond

Report Date: 23-September-2021

Prepared for:

Jon Higgins
Higgins Environmental
19 Elizabeth Street
Amesbury, MA 01913

Richard Warila, Laboratory Director
New England Testing Laboratory, Inc.
59 Greenhill Street
West Warwick, RI 02893
rich.warila@newenglandtesting.com

Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 09/15/21. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 1I15020. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
1I15020-01	WP-SW-Out	Water	09/14/2021	09/15/2021
1I15020-02	WP-SW-In	Water	09/14/2021	09/15/2021
1I15020-03	BPLNT1	Soil	09/14/2021	09/15/2021

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

BPLNT1 (Lab Number: 1I15020-03)

Analysis

Iron
Phosphorus
Sulfur
Total Nitrogen
Total Organic Carbon

Method

EPA 6010C
EPA 6010C
EPA 6010C
Calculation
EPA 9060

WP-SW-In (Lab Number: 1I15020-02)

Analysis

Iron
Sulfur
Total Nitrogen
Total Organic Carbon
Total Phosphorous

Method

EPA 6010C
EPA 6010C
Calculation
SM5310-C
SM4500-P-E (11)

WP-SW-Out (Lab Number: 1I15020-01)

Analysis

Iron
Sulfur
Total Nitrogen
Total Organic Carbon
Total Phosphorous

Method

EPA 6010C
EPA 6010C
Calculation
SM5310-C
SM4500-P-E (11)

Method References

Standard Methods for the Examination of Water and Wastewater, 20th Edition, APHA/ AWWA-WPCF, 1998

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Soil Survey Laboratory Methods Manual, USDA/NCRS, 2014

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

Results: General Chemistry

Sample: WP-SW-Out
Lab Number: 1I15020-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Organic Carbon	2.8		0.2	mg/L	09/16/21	09/16/21
Total Phosphorous	ND		0.02	mg/L	09/17/21	09/17/21
Total Nitrogen	0.880		0.100	mg/L	09/20/21	09/20/21

Results: General Chemistry

Sample: WP-SW-In
Lab Number: 1I15020-02 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Organic Carbon	3.7		0.2	mg/L	09/16/21	09/16/21
Total Phosphorous	0.25		0.02	mg/L	09/17/21	09/17/21
Total Nitrogen	2.10		0.100	mg/L	09/20/21	09/20/21

Results: General Chemistry

Sample: BPLNT1

Lab Number: 1I15020-03 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Organic Carbon	46		0	Percent	09/21/21	09/22/21
Total Nitrogen	3050		10.0	mg/kg	09/20/21	09/20/21

Results: Total Metals

Sample: WP-SW-Out
Lab Number: 1I15020-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Iron	ND		0.05	mg/L	09/16/21	09/20/21
Sulfur	1.3		0.5	mg/L	09/16/21	09/17/21

Results: Total Metals

Sample: WP-SW-In
Lab Number: 1I15020-02 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Iron	0.17		0.05	mg/L	09/16/21	09/20/21
Sulfur	1.3		0.5	mg/L	09/16/21	09/17/21

Results: Total Metals

Sample: BPLNT1
Lab Number: 1I15020-03 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Phosphorous	1570		1.39	mg/kg	09/16/21	09/20/21
Sulfur	3970		140	mg/kg	09/16/21	09/17/21
Iron	9550		14.0	mg/kg	09/16/21	09/20/21

Quality Control

General Chemistry

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch: B1I0702 - TOC											
Blank (B1I0702-BLK1)											
Total Organic Carbon	ND		0.2	mg/L	Prepared & Analyzed: 09/16/21						
LCS (B1I0702-BS1)											
Total Organic Carbon	5.0			mg/L	5.00		99.0	90-110			
LCS Dup (B1I0702-BSD1)											
Total Organic Carbon	5.0			mg/L	5.00		99.5	90-110	0.439	20	
Batch: B1I0852 - Total phosphate											
Blank (B1I0852-BLK1)											
Total Phosphorous	ND		0.02	mg/L	Prepared & Analyzed: 09/17/21						
Blank (B1I0852-BLK2)											
Total Phosphorous	ND		0.02	mg/L	Prepared & Analyzed: 09/17/21						
LCS (B1I0852-BS1)											
Total Phosphorous	1.00		0.02	mg/L	1.00		99.6	90-110			
LCS (B1I0852-BS2)											
Total Phosphorous	1.00		0.02	mg/L	1.00		100	90-110			
Duplicate (B1I0852-DUP1)											
Total Phosphorous	0.10		0.02	mg/L	Source: 1I15037-02			Prepared & Analyzed: 09/17/21		1.04	20
Matrix Spike (B1I0852-MS1)											
Total Phosphorous	1.12		0.02	mg/L	1.00	0.10	102	80-120			

Quality Control
(Continued)

Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B1I0706 - Metals Digestion Waters										
Blank (B1I0706-BLK1)										
					Prepared: 09/16/21 Analyzed: 09/17/21					
Sulfur	ND		0.5	mg/L						
Iron	ND		0.05	mg/L						
LCS (B1I0706-BS1)										
					Prepared: 09/16/21 Analyzed: 09/20/21					
Iron	9.31		0.05	mg/L	10.0		93.1	85-115		
Batch: B1I0710 - Metals Digestion Soils										
Blank (B1I0710-BLK1)										
					Prepared: 09/16/21 Analyzed: 09/20/21					
Phosphorous	ND		0.33	mg/kg						
Sulfur	ND		33.3	mg/kg						
Iron	ND		3.3	mg/kg						
LCS (B1I0710-BS1)										
					Prepared: 09/16/21 Analyzed: 09/20/21					
Phosphorous	97.1		0.33	mg/kg	100		97.1	85-115		
Iron	896		3.3	mg/kg	1000		89.6	85-115		

Notes and Definitions

Item	Definition
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.



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NEW ENGLAND TESTING LABORATORY, INC.
59 Greenhill Street
West Warwick, RI 02893
1-888-863-8522

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME/LOCATION	CLIENT	SCORING		SOIL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	REMARKS
			A	B					
05132	White Road	HEA							
9/14/09 10:50	WP-SW-OUT		✓				4	4°C	Total Iron ✓ Total Sulfur ✓ Total Nitrogen ✓ Total Carbon ✓ Total Phosphorus ✓
9/14/09 10:50	WP-SW-IN		✓				4	4°C	
9/14/09 10:50	PROCESSED PLANT		✓				1	4°C	

Sample by (Signature)	Date/Time	Received by (Signature)	Date/Time
[Signature]	9/14/09 10:50	[Signature]	9/14/09 10:50
[Signature]	9/15/09 10:50	[Signature]	9/15/09 10:50
[Signature]	9/15/09 10:50	[Signature]	9/15/09 10:50

Special Instructions:
List Specific Detection Limit Requirements:
Turnaround (Business Days) _____

**Netlab subcontractors the following tests: Radiologicals, Radon, Asbestos, UCMFs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates, CT ETPH



New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 1J15038
Client Project: 03132 - White's Pond

Report Date: 22-October-2021

Prepared for:

Jon Higgins
Higgins Environmental
19 Elizabeth Street
Amesbury, MA 01913

Richard Warila, Laboratory Director
New England Testing Laboratory, Inc.
59 Greenhill Street
West Warwick, RI 02893
rich.warila@newenglandtesting.com

Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 10/15/21. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 1J15038. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
1J15038-01	WP_SW_TRAP3	Water	10/13/2021	10/15/2021
1J15038-02	WP_SW_APOD SCUM	Water	10/14/2021	10/15/2021
1J15038-03	WP_SW_APOD Pre	Water	10/14/2021	10/15/2021
1J15038-04	APOD HAB	Soil	10/14/2021	10/15/2021

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

APOD HAB (Lab Number: 1J15038-04)

Analysis

Iron
Phosphorus
Sulfur
Total Nitrogen
Total Organic Carbon

Method

EPA 6010C
EPA 6010C
EPA 6010C
Calculation
EPA 9060

WP_SW_APOD Pre (Lab Number: 1J15038-03)

Analysis

Iron
Sulfur
Total Nitrogen
Total Organic Carbon
Total Phosphorous

Method

EPA 6010C
EPA 6010C
Calculation
SM5310-C
SM4500-P-E (11)

WP_SW_APOD SCUM (Lab Number: 1J15038-02)

Analysis

Iron
Sulfur
Total Nitrogen
Total Organic Carbon
Total Phosphorous

Method

EPA 6010C
EPA 6010C
Calculation
SM5310-C
SM4500-P-E (11)

WP_SW_TRAP3 (Lab Number: 1J15038-01)

Analysis

Iron
Sulfur
Total Nitrogen
Total Organic Carbon
Total Phosphorous

Method

EPA 6010C
EPA 6010C
Calculation
SM5310-C
SM4500-P-E (11)

Method References

Standard Methods for the Examination of Water and Wastewater, 20th Edition, APHA/ AWWA-WPCF, 1998

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Soil Survey Laboratory Methods Manual, USDA/NCRS, 2014

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

Results: General Chemistry

Sample: WP_SW_TRAP3
Lab Number: 1J15038-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Organic Carbon	41.6		1.0	mg/L	10/22/21	10/22/21
Total Phosphorous	1.12		0.10	mg/L	10/22/21	10/22/21
Total Nitrogen	27.2		0.100	mg/L	10/18/21	10/18/21

Results: General Chemistry

Sample: WP_SW_APOD SCUM

Lab Number: 1J15038-02 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Organic Carbon	73.2		1.0	mg/L	10/22/21	10/22/21
Total Phosphorous	8.60		0.10	mg/L	10/22/21	10/22/21
Total Nitrogen	57.9		0.100	mg/L	10/18/21	10/18/21

Results: General Chemistry

Sample: WP_SW_APOD Pre
Lab Number: 1J15038-03 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Organic Carbon	10.3		1.0	mg/L	10/22/21	10/22/21
Total Phosphorous	0.52		0.02	mg/L	10/22/21	10/22/21
Total Nitrogen	9.93		0.100	mg/L	10/18/21	10/18/21

Results: General Chemistry

Sample: APOD HAB
Lab Number: 1J15038-04 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Organic Carbon	40		0	Percent	10/20/21	10/22/21
Total Nitrogen	5860		0.100	mg/kg	10/18/21	10/18/21

Results: Total Metals

Sample: WP_SW_TRAP3
Lab Number: 1J15038-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Iron	0.65		0.05	mg/L	10/18/21	10/21/21
Sulfur	3.2		0.5	mg/L	10/18/21	10/21/21

Results: Total Metals

Sample: WP_SW_APOD SCUM
Lab Number: 1J15038-02 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Iron	3.16		0.05	mg/L	10/18/21	10/21/21
Sulfur	5.7		0.5	mg/L	10/18/21	10/21/21

Results: Total Metals

Sample: WP_SW_APOD Pre
Lab Number: 1J15038-03 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Iron	0.83		0.05	mg/L	10/18/21	10/21/21
Sulfur	1.4		0.5	mg/L	10/18/21	10/21/21

Results: Total Metals

Sample: APOD HAB
Lab Number: 1J15038-04 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Phosphorous	3630		2.39	mg/kg	10/18/21	10/21/21
Sulfur	3680		241	mg/kg	10/18/21	10/21/21
Iron	12000		24.1	mg/kg	10/18/21	10/21/21

Quality Control

General Chemistry

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B1J1065 - TOC										
Blank (B1J1065-BLK1)										
Total Organic Carbon	ND		0.2	mg/L	Prepared & Analyzed: 10/22/21					
LCS (B1J1065-BS1)										
Total Organic Carbon	5.2			mg/L	5.00		104	90-110		
LCS Dup (B1J1065-BSD1)										
Total Organic Carbon	5.2			mg/L	5.00		104	90-110	0.154	20
Batch: B1J1108 - Total phosphate										
Blank (B1J1108-BLK1)										
Total Phosphorous	ND		0.02	mg/L	Prepared & Analyzed: 10/22/21					
Blank (B1J1108-BLK2)										
Total Phosphorous	ND		0.02	mg/L	Prepared & Analyzed: 10/22/21					
LCS (B1J1108-BS1)										
Total Phosphorous	1.00		0.02	mg/L	1.00		100	90-110		
LCS (B1J1108-BS2)										
Total Phosphorous	1.03		0.02	mg/L	1.00		103	90-110		
Duplicate (B1J1108-DUP1)										
Total Phosphorous	0.26		0.02	mg/L		0.25			2.73	20
Matrix Spike (B1J1108-MS1)										
Total Phosphorous	1.24		0.02	mg/L	1.00	0.25	99.0	80-120		

Quality Control
(Continued)

Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B1J0852 - Metals Digestion Waters										
Blank (B1J0852-BLK1)					Prepared: 10/18/21 Analyzed: 10/21/21					
Iron	ND		0.05	mg/L						
Sulfur	ND		0.5	mg/L						
LCS (B1J0852-BS1)					Prepared: 10/18/21 Analyzed: 10/21/21					
Iron	10.6		0.05	mg/L	10.0		106	85-115		
Batch: B1J0853 - Metals Digestion Soils										
Blank (B1J0853-BLK1)					Prepared: 10/18/21 Analyzed: 10/21/21					
Phosphorous	ND		0.33	mg/kg						
Sulfur	ND		33.3	mg/kg						
Iron	ND		3.3	mg/kg						
LCS (B1J0853-BS1)					Prepared: 10/18/21 Analyzed: 10/21/21					
Phosphorous	109		0.33	mg/kg	100		109	85-115		
Iron	1100		3.3	mg/kg	1000		110	85-115		

Notes and Definitions

Item	Definition
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.



New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 2J13027
Client Project: 03136 - WP Concord

Report Date: 27-October-2022

Prepared for:

Jon Higgins
Higgins Environmental
19 Elizabeth Street
Amesbury, MA 01913

Richard Warila, Laboratory Director
New England Testing Laboratory, Inc.
59 Greenhill Street
West Warwick, RI 02893
rich.warila@newenglandtesting.com

Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 10/13/22. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 2J13027. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
2J13027-01	HAB-2-22	Soil	10/07/2022	10/13/2022

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

HAB-2-22 (Lab Number: 2J13027-01)

Analysis

Iron
Nitrate and Nitrite as N
Phosphorus
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon

Method

EPA 6010C
4500-N03-E
EPA 6010C
EPA 6010C
SM4500-N-C (11)-Mod
Calculation
EPA 9060

Method References

Standard Methods for the Examination of Water and Wastewater, 20th Edition, APHA/ AWWA-WPCF, 1998

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Soil Survey Laboratory Methods Manual, USDA/NCRS, 2014

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

Results: General Chemistry**Sample: HAB-2-22****Lab Number: 2J13027-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	18200		1490	mg/kg	10/18/22	10/18/22
Nitrate and Nitrite as N	ND		7	mg/kg	10/20/22	10/20/22
Total Organic Carbon	40		0	Percent	10/21/22	10/22/22
Total Nitrogen	18200		10.0	mg/kg	10/18/22	10/18/22

Results: Total Metals

Sample: HAB-2-22
Lab Number: 2J13027-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Phosphorous	2040		2.53	mg/kg	10/14/22	10/20/22
Sulfur	2690		256	mg/kg	10/14/22	10/21/22
Iron	7320		25.6	mg/kg	10/14/22	10/20/22

Quality Control

General Chemistry

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2J0996 - TKN										
Blank (B2J0996-BLK1)										
Kjeldahl Nitrogen	ND		10	mg/kg						Prepared & Analyzed: 10/18/22
Batch: B2J1036 - General Chemistry										
Blank (B2J1036-BLK1)										
Nitrate and Nitrite as N	ND		1	mg/kg						Prepared & Analyzed: 10/20/22
Duplicate (B2J1036-DUP1)										
Nitrate and Nitrite as N	ND		7	mg/kg dry		Source: 2J13027-01				Prepared & Analyzed: 10/20/22
										200

Quality Control
(Continued)

Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2J0680 - Metals Digestion Soils										
Blank (B2J0680-BLK1)										
					Prepared: 10/14/22 Analyzed: 10/21/22					
Sulfur	ND		33.3	mg/kg						
Phosphorous	ND		0.33	mg/kg						
Iron	ND		3.3	mg/kg						
LCS (B2J0680-BS1)										
					Prepared: 10/14/22 Analyzed: 10/21/22					
Sulfur	92.3		33.3	mg/kg				85-115		
Phosphorous	88.2		0.33	mg/kg	100		88.2	85-115		
Iron	1010		3.3	mg/kg	1000		101	85-115		
LCS Dup (B2J0680-BSD1)										
					Prepared: 10/14/22 Analyzed: 10/21/22					
Sulfur	95.5		33.3	mg/kg				85-115	3.45	200

Notes and Definitions

Item	Definition
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.



CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME/LOCATION		AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS	DECONTAMINATION	TESTS**					REMARKS
CLIENT		REPORT TO:	INVOICE TO:						TOTAL IRON	TOTAL ALUMINUM	TOTAL NITROGEN	TOTAL COPPER	TOTAL PHOSPHORUS	
DATE	TIME	COMP	GRAB	SAMPLE I.D.										
10/7/22	1110		✓	HAB2-22			4.1	44	✓	✓	✓	✓	✓	
														NOTE: HAB2-22 has been frozen since

Sampled by: (Signature) 	Date/Time 10/7/22 1115	Received by: (Signature) 	Date/Time 10/7/22 1115	Laboratory Remarks: Temp. received: 5 Cooled <input type="checkbox"/>	Special Instructions: List Specific Detection Limit Requirements: Turnaround (Business Days):
Relinquished by: (Signature) 	Date/Time 10/13/22 1300	Received by: (Signature) 	Date/Time 10/13/22 1300		
Relinquished by: (Signature) 	Date/Time 10/13/22 1700	Received for Laboratory by: (Signature) 	Date/Time 10/17/22 1700		

**Netlab subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates, CT ETPH



New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 2H17029
Client Project: 03132 - White's Pond

Report Date: 26-August-2022

Prepared for:

Jon Higgins
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19 Elizabeth Street
Amesbury, MA 01913

Richard Warila, Laboratory Director
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Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 08/17/22. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 2H17029. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
2H17029-01	WP-24-ED	Water	08/16/2022	08/17/2022
2H17029-02	WP-58-ED	Water	08/16/2022	08/17/2022
2H17029-03	WP-ED-6"	Soil	08/16/2022	08/17/2022
2H17029-04	WP-CD-6"	Soil	08/16/2022	08/17/2022
2H17029-05	WP-WD-6"	Soil	08/16/2022	08/17/2022
2H17029-06	HAB1-22	Soil	07/05/2022	08/17/2022

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

HAB1-22 (Lab Number: 2H17029-06)

Analysis

Iron
Nitrate and Nitrite as N
Phosphorus
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon

Method

EPA 6010C
4500-N03-E
EPA 6010C
EPA 6010C
SM4500-N-C (11)-Mod
Calculation
EPA 9060

WP-24-ED (Lab Number: 2H17029-01)

Analysis

Iron
Nitrate and Nitrite as N
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon
Total Phosphorous

Method

EPA 6010C
4500-N03-E
EPA 6010C
SM4500-N-C (11)
Calculation
SM5310-C
SM4500-P-E (11)

WP-58-ED (Lab Number: 2H17029-02)

Analysis

Iron
Nitrate and Nitrite as N
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon
Total Phosphorous

Method

EPA 6010C
4500-N03-E
EPA 6010C
SM4500-N-C (11)
Calculation
SM5310-C
SM4500-P-E (11)

WP-CD-6" (Lab Number: 2H17029-04)

Analysis

Iron
Nitrate and Nitrite as N
Phosphorus
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon

Method

EPA 6010C
4500-N03-E
EPA 6010C
EPA 6010C
SM4500-N-C (11)-Mod
Calculation
EPA 9060

WP-ED-6" (Lab Number: 2H17029-03)

Analysis

Iron
Nitrate and Nitrite as N
Phosphorus
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon

Method

EPA 6010C
4500-N03-E
EPA 6010C
EPA 6010C
SM4500-N-C (11)-Mod
Calculation
EPA 9060

Request for Analysis (continued)

WP-WD-6" (Lab Number: 2H17029-05)

Analysis

Iron
Nitrate and Nitrite as N
Phosphorus
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon

Method

EPA 6010C
4500-NO3-E
EPA 6010C
EPA 6010C
SM4500-N-C (11)-Mod
Calculation
EPA 9060

Method References

Standard Methods for the Examination of Water and Wastewater, 20th Edition, APHA/ AWWA-WPCF, 1998

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Soil Survey Laboratory Methods Manual, USDA/NCRS, 2014

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions:

Sample "HAB1-22" was frozen at the time of sampling and thawed upon submission to the laboratory.

Results: General Chemistry**Sample: WP-24-ED****Lab Number: 2H17029-01 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	0.2		0.1	mg/L	08/19/22	08/19/22
Nitrate and Nitrite as N	ND		0.03	mg/L	08/17/22	08/17/22
Total Organic Carbon	2.7		0.2	mg/L	08/23/22	08/23/22
Total Phosphorous	ND		0.02	mg/L	08/22/22	08/22/22
Total Nitrogen	0.200		0.100	mg/L	08/19/22	08/19/22

Results: General Chemistry**Sample: WP-58-ED****Lab Number: 2H17029-02 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	0.9		0.1	mg/L	08/19/22	08/19/22
Nitrate and Nitrite as N	0.03		0.03	mg/L	08/17/22	08/17/22
Total Organic Carbon	3.9		0.2	mg/L	08/23/22	08/23/22
Total Phosphorous	0.03		0.02	mg/L	08/22/22	08/22/22
Total Nitrogen	0.930		0.100	mg/L	08/19/22	08/19/22

Results: General Chemistry**Sample: WP-ED-6"****Lab Number: 2H17029-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	10300		154	mg/kg	08/19/22	08/19/22
Nitrate and Nitrite as N	153		7	mg/kg	08/18/22	08/18/22
Total Organic Carbon	16		0	Percent	08/23/22	08/23/22
Total Nitrogen	10500		10.0	mg/kg	08/19/22	08/19/22

Results: General Chemistry**Sample: WP-CD-6"****Lab Number: 2H17029-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	14300		236	mg/kg	08/19/22	08/19/22
Nitrate and Nitrite as N	224		11	mg/kg	08/18/22	08/18/22
Total Organic Carbon	23		0	Percent	08/23/22	08/23/22
Total Nitrogen	14500		10.0	mg/kg	08/19/22	08/19/22

Results: General Chemistry**Sample: WP-WD-6"****Lab Number: 2H17029-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	21900		443	mg/kg	08/19/22	08/19/22
Nitrate and Nitrite as N	504		24	mg/kg	08/18/22	08/18/22
Total Organic Carbon	26		0	Percent	08/23/22	08/23/22
Total Nitrogen	22400		10.0	mg/kg	08/19/22	08/19/22

Results: General Chemistry**Sample: HAB1-22****Lab Number: 2H17029-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	11900		440	mg/kg	08/19/22	08/19/22
Nitrate and Nitrite as N	492		23	mg/kg	08/18/22	08/18/22
Total Organic Carbon	36		0	Percent	08/23/22	08/23/22
Total Nitrogen	12400		10.0	mg/kg	08/19/22	08/19/22

Results: Total Metals

Sample: WP-24-ED

Lab Number: 2H17029-01 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Iron	ND		0.05	mg/L	08/18/22	08/23/22
Sulfur	1.2		0.5	mg/L	08/18/22	08/22/22

Results: Total Metals

Sample: WP-58-ED

Lab Number: 2H17029-02 (Water)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Iron	3.17		0.05	mg/L	08/18/22	08/23/22
Sulfur	1.0		0.5	mg/L	08/18/22	08/22/22

Results: Total Metals

Sample: WP-ED-6"
Lab Number: 2H17029-03 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Phosphorous	2100		0.55	mg/kg	08/18/22	08/23/22
Sulfur	6000		55.4	mg/kg	08/18/22	08/22/22
Iron	18100		5.5	mg/kg	08/18/22	08/23/22

Results: Total Metals

Sample: WP-CD-6"
Lab Number: 2H17029-04 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Phosphorous	2410		0.91	mg/kg	08/18/22	08/23/22
Sulfur	5280		91.4	mg/kg	08/18/22	08/22/22
Iron	10500		9.1	mg/kg	08/18/22	08/23/22

Results: Total Metals

Sample: WP-WD-6"

Lab Number: 2H17029-05 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Phosphorous	2390		1.22	mg/kg	08/18/22	08/23/22
Sulfur	6180		123	mg/kg	08/18/22	08/22/22
Iron	11000		12.3	mg/kg	08/18/22	08/23/22

Results: Total Metals

Sample: HAB1-22

Lab Number: 2H17029-06 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Phosphorous	2200		1.62	mg/kg	08/18/22	08/23/22
Sulfur	3230		163	mg/kg	08/18/22	08/22/22
Iron	9360		16.3	mg/kg	08/18/22	08/23/22

Notes and Definitions

Item	Definition
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.



2 H 1 7029 H

CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME/LOCATION					PRESERVATIVE	TESTS*	REMARKS	
03132		WP								
CLIENT				AQUEOUS	SOIL	OTHER	NO. OF CONTAINERS			
HEA										
REPORT TO:										
INVOICE TO:										
DATE	TIME	COM	GRAB	SAMPLE I.D.						
8/16/22	0830			WP-24'-ED	✓	•••••	5	①-⑤	✓✓✓✓✓	Aqueous Preservatives: ① HNO ₃ for Fe, S ② NON for N, P ③ H ₂ SO ₄ for N ④ H ₂ SO ₄ VOA for Carbon ⑤ All < 4°C
	0830			WP-58'-ED	✓	•••••	5	①-⑤	✓✓✓✓✓	
	0910			WP-ED-6"	✓	•	1	⑤	✓✓✓✓✓	
	0920			WP-CD-6"	✓	•	1	⑤	✓✓✓✓✓	
	0930			WP-WD-6"	✓	•	1	⑤	✓✓✓✓✓	
7/5/22	1520			HABI-22			1	⑤	✓✓✓✓✓	Note: HABI has been frozen since sampling 7/5/22

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Laboratory Remarks:	Special Instructions: List Specific Detection Limit Requirements:
	8/16/22 1600		8/16/22 1600	Temp. received: 5 Cooled <input type="checkbox"/>	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time		
	8/17/22 1230	bill Ward	8-17-22 1235		Turnaround (Business Days)
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time		
	8-17-22 1545		8-17-22 1545		

**Netlab subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates, CT ETPH



New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 1G21034
Client Project: 03132 - White's Pond

Report Date: 29-July-2021

Prepared for:

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Richard Warila, Laboratory Director
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West Warwick, RI 02893
rich.warila@newenglandtesting.com

Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 07/21/21. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 1G21034. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
1G21034-01	SED1 WHTS	Soil	07/16/2021	07/21/2021

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

SED1 WHTS (Lab Number: 1G21034-01)

<u>Analysis</u>	<u>Method</u>
Iron	EPA 6010C
Phosphorus	EPA 6010C
Sulfur	EPA 6010C
Total Nitrogen	Calculation
Total Organic Carbon	EPA 9060

Method References

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Soil Survey Laboratory Methods Manual, USDA/NCRS, 2014

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

Results: General Chemistry

Sample: SED1 WHTS
Lab Number: 1G21034-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Organic Carbon	3		0	Percent	07/27/21	07/28/21
Total Nitrogen	7620		10.0	mg/kg	07/26/21	07/26/21

Results: Total Metals

Sample: SED1 WHTS
Lab Number: 1G21034-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Phosphorous	580		0.77	mg/kg	07/22/21	07/26/21
Sulfur	2370		77.6	mg/kg	07/22/21	07/23/21
Iron	8600		7.8	mg/kg	07/22/21	07/26/21

Quality Control

Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B1G0978 - Metals Digestion Soils										
Blank (B1G0978-BLK1)					Prepared: 07/22/21 Analyzed: 07/23/21					
Sulfur	ND		33.3	mg/kg						
Phosphorous	ND		0.33	mg/kg						
Iron	ND		3.3	mg/kg						
LCS (B1G0978-BS1)					Prepared: 07/22/21 Analyzed: 07/26/21					
Phosphorous	107		0.33	mg/kg	100		107	85-115		
Iron	1030		3.3	mg/kg	1000		103	85-115		

Notes and Definitions

Item	Definition
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.



New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 1H31016
Client Project: 03132 - White's Pond

Report Date: 09-September-2021

Prepared for:

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Richard Warila, Laboratory Director
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Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 08/31/21. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 1H31016. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
1H31016-01	SED2-WP	Soil	08/26/2021	08/31/2021

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

SED2-WP (Lab Number: 1H31016-01)

<u>Analysis</u>	<u>Method</u>
Aluminum	EPA 6010C
Iron	EPA 6010C
Phosphorus	EPA 6010C
Sulfur	EPA 6010C
Total Nitrogen	Calculation
Total Organic Carbon	EPA 9060

Method References

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Soil Survey Laboratory Methods Manual, USDA/NCRS, 2014

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

Results: General Chemistry

Sample: SED2-WP

Lab Number: 1H31016-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Organic Carbon	10		0	Percent	09/07/21	09/08/21
Total Nitrogen	229		10.0	mg/kg	08/31/21	08/31/21

Results: Total Metals

Sample: SED2-WP

Lab Number: 1H31016-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aluminum	12900		14.8	mg/kg	08/31/21	09/02/21
Phosphorous	899		1.47	mg/kg	08/31/21	09/02/21
Sulfur	3030		148	mg/kg	08/31/21	09/08/21
Iron	10500		14.8	mg/kg	08/31/21	09/02/21

Quality Control

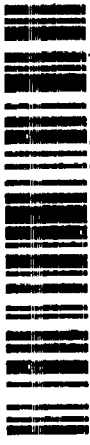
Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B1H1479 - Metals Digestion Soils										
Blank (B1H1479-BLK1)					Prepared: 08/31/21 Analyzed: 09/08/21					
Sulfur	ND		33.3	mg/kg						
Phosphorous	ND		0.33	mg/kg						
Aluminum	ND		3.33	mg/kg						
Iron	ND		3.3	mg/kg						
LCS (B1H1479-BS1)					Prepared: 08/31/21 Analyzed: 09/02/21					
Phosphorous	112		0.33	mg/kg	100		112	85-115		
Aluminum	1010		3.33	mg/kg	1000		101	85-115		
Iron	965		3.3	mg/kg	1000		96.5	85-115		

Notes and Definitions

Item	Definition
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.

NEW ENGLAND TESTING LABORATORY, INC
 59 Greenhill Street
 West Warwick, RI 02893
 1-888-863-8522



1 H 3 10160

PROJ. NO. 03132		PROJECT NAME/LOCATION White Pond		PRESERVATIVE		TESTS**		REMARKS
CLIENT ATFA		REPORT TO: HARRIS		NO OF CONTAINERS 1		TOTAL ALUMINUM		
INVOICE TO: HARRIS		DATE		OTHER		TOTAL CARBONATE		LABORATORY REMARKS Temp. received _____ Cooled <input type="checkbox"/>
DATE		TIME		SOL		TOTAL SILICA		
COM P		SAMPLE I.D. SEDA-WP		SCMCDY		TOTAL ANTIMONY		Special Instructions List Specific Detection Limit Requirements:
G R A B				V		TOTAL CHLORINE		
8/31/21		17:15				TOTAL COPPER		Turnaround (Business Days)
8/31/21		17:15				TOTAL LEAD		
8/31/21		17:15				TOTAL MERCURY		Laboratory Remarks <input checked="" type="checkbox"/>
8/31/21		17:15				TOTAL NICKEL		
8/31/21		17:15				TOTAL ZINC		Received by (Signature) Received by (Signature) Received for Laboratory by (Signature)
8/31/21		17:15				TOTAL CADMIUM		
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8/31/21		17:15				TOTAL CHROMIUM		Date/Time 8/31/21 17:15
8/31/21		17:15				TOTAL MANGANESE		



New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 1K10047
Client Project: 03132 - White's Pond

Report Date: 17-November-2021

Prepared for:

Jon Higgins
Higgins Environmental
19 Elizabeth Street
Amesbury, MA 01913

Richard Warila, Laboratory Director
New England Testing Laboratory, Inc.
59 Greenhill Street
West Warwick, RI 02893
rich.warila@newenglandtesting.com

Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 11/10/21. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 1K10047. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
1K10047-01	WP-SED3-WP5	Soil	11/09/2021	11/10/2021
1K10047-02	WP-SED2-WP5	Soil	11/09/2021	11/10/2021
1K10047-03	WP-SED1-WP5	Soil	11/09/2021	11/10/2021

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

WP-SED1-WP5 (Lab Number: 1K10047-03)

Analysis

Aluminum
Iron
Phosphorus
Sulfur
Total Nitrogen
Total Organic Carbon

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
Calculation
EPA 9060

WP-SED2-WP5 (Lab Number: 1K10047-02)

Analysis

Aluminum
Iron
Phosphorus
Sulfur
Total Nitrogen
Total Organic Carbon

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
Calculation
EPA 9060

WP-SED3-WP5 (Lab Number: 1K10047-01)

Analysis

Aluminum
Iron
Phosphorus
Sulfur
Total Nitrogen
Total Organic Carbon

Method

EPA 6010C
EPA 6010C
EPA 6010C
EPA 6010C
Calculation
EPA 9060

Method References

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Soil Survey Laboratory Methods Manual, USDA/NCRS, 2014

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

Results: General Chemistry

Sample: WP-SED3-WP5
Lab Number: 1K10047-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Organic Carbon	29		0	Percent	11/11/21	11/11/21
Total Nitrogen	1650		10.0	mg/kg	11/11/21	11/11/21

Results: General Chemistry

Sample: WP-SED2-WP5

Lab Number: 1K10047-02 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Organic Carbon	30		0	Percent	11/11/21	11/11/21
Total Nitrogen	1680		10.0	mg/kg	11/11/21	11/11/21

Results: General Chemistry

Sample: WP-SED1-WP5
Lab Number: 1K10047-03 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Organic Carbon	16		0	Percent	11/11/21	11/11/21
Total Nitrogen	1130		10.0	mg/kg	11/11/21	11/11/21

Results: Total Metals

Sample: WP-SED3-WP5
Lab Number: 1K10047-01 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aluminum	16800		12.9	mg/kg	11/11/21	11/17/21
Phosphorous	2460		1.27	mg/kg	11/11/21	11/17/21
Sulfur	4470		129	mg/kg	11/11/21	11/12/21
Iron	9280		12.9	mg/kg	11/11/21	11/17/21

Results: Total Metals

Sample: WP-SED2-WP5
Lab Number: 1K10047-02 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aluminum	18400		14.6	mg/kg	11/11/21	11/17/21
Phosphorous	2740		1.45	mg/kg	11/11/21	11/17/21
Sulfur	4790		146	mg/kg	11/11/21	11/12/21
Iron	10100		14.6	mg/kg	11/11/21	11/17/21

Results: Total Metals

Sample: WP-SED1-WP5
Lab Number: 1K10047-03 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Aluminum	29800		8.41	mg/kg	11/11/21	11/17/21
Phosphorous	2250		0.83	mg/kg	11/11/21	11/17/21
Sulfur	9870		84.1	mg/kg	11/11/21	11/12/21
Iron	27300		8.4	mg/kg	11/11/21	11/17/21

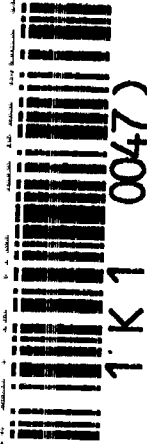
Quality Control

Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B1K0544 - Metals Digestion Soils										
Blank (B1K0544-BLK1)					Prepared: 11/11/21 Analyzed: 11/12/21					
Sulfur	ND		33.3	mg/kg						
Phosphorous	ND		0.33	mg/kg						
Aluminum	ND		3.33	mg/kg						
Iron	ND		3.3	mg/kg						
LCS (B1K0544-BS1)					Prepared: 11/11/21 Analyzed: 11/17/21					
Phosphorous	106		0.33	mg/kg	100		106	85-115		
Aluminum	1070		3.33	mg/kg	1000		107	85-115		
Iron	1080		3.3	mg/kg	1000		108	85-115		

Notes and Definitions

Item	Definition
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.



NEW ENGLAND TESTING LABORATORY, INC.
 59 Greenhill Street
 West Warwick, RI 02893
 1-888-863-8522

PROJ. NO.	CLIENT	PROJECT NAME/LOCATION	SCORING			NO. OF CONTAINERS	REMARKS
			S	L	O		
0313a	White Pond	TEEA					
11/9/21 11W		WP-SED3-WPS	✓		1	24°C	TESTS: Total Iron, Total Phosphorus, Total Nitrogen, Total Sulfur, Total Organic Carbon, Total Ammonia Nitrogen
11/11/21		WP-SED2-WPS	✓		1	0	
11/9/21 11S		WP-SED1-WPS	✓		1	0	

Sampled by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>[Signature]</i>	11/9/21 11:00	<i>[Signature]</i>	11/9/21 11:20
<i>[Signature]</i>	11/14/21 13:34	<i>[Signature]</i>	11/10/21 10:31
<i>[Signature]</i>	11/10/21 15:40	<i>[Signature]</i>	11/10/21 15:40

Special Instructions: List Specific Detection Limit Requirements:	Laboratory Remarks: Temp. received: 5 Cooled	Turnaround (Business Days)
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**Netlab subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates, CT ETPH



New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 2K10018
Client Project: 03136 - WP Concord

Report Date: 21-November-2022

Prepared for:

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Higgins Environmental
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Amesbury, MA 01913

Richard Warila, Laboratory Director
New England Testing Laboratory, Inc.
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Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 11/10/22. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 2K10018. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled	Date Received
2K10018-01	WP-Inlet	Water	10/21/2022	11/10/2022
2K10018-02	WP-Outlet	Water	10/21/2022	11/10/2022
2K10018-03	WP-EH-62'	Soil	11/07/2022	11/10/2022

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

WP-EH-62' (Lab Number: 2K10018-03)

Analysis

Iron
Nitrate and Nitrite as N
Phosphorus
Sulfur
Total Kjeldahl Nitrogen
Total Nitrogen
Total Organic Carbon

Method

EPA 6010C
4500-N03-E
EPA 6010C
EPA 6010C
SM4500-N-C (11)-Mod
Calculation
EPA 9060

WP-Inlet (Lab Number: 2K10018-01)

Analysis

Nitrate and Nitrite as N
Total Kjeldahl Nitrogen
Total Nitrogen
Total Phosphorous

Method

4500-N03-E
SM4500-N-C (11)
Calculation
SM4500-P-E (11)

WP-Outlet (Lab Number: 2K10018-02)

Analysis

Nitrate and Nitrite as N
Total Kjeldahl Nitrogen
Total Nitrogen
Total Phosphorous

Method

4500-N03-E
SM4500-N-C (11)
Calculation
SM4500-P-E (11)

Method References

Standard Methods for the Examination of Water and Wastewater, 20th Edition, APHA/ AWWA-WPCF, 1998

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Soil Survey Laboratory Methods Manual, USDA/NCRS, 2014

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

Results: General Chemistry**Sample: WP-Inlet****Lab Number: 2K10018-01 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	11.1		0.1	mg/L	11/14/22	11/14/22
Nitrate and Nitrite as N	0.06		0.03	mg/L	11/11/22	11/11/22
Total Phosphorous	0.30		0.02	mg/L	11/16/22	11/16/22
Total Nitrogen	11.2		0.100	mg/L	11/14/22	11/14/22

Results: General Chemistry**Sample: WP-Outlet****Lab Number: 2K10018-02 (Water)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	6.8		0.1	mg/L	11/14/22	11/14/22
Nitrate and Nitrite as N	0.16		0.03	mg/L	11/11/22	11/11/22
Total Phosphorous	ND		0.02	mg/L	11/16/22	11/16/22
Total Nitrogen	6.96		0.100	mg/L	11/14/22	11/14/22

Results: General Chemistry**Sample: WP-EH-62'****Lab Number: 2K10018-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Kjeldahl Nitrogen	8640		985	mg/kg	11/14/22	11/14/22
Nitrate and Nitrite as N	204		10	mg/kg	11/15/22	11/15/22
Total Organic Carbon	16		0	Percent	11/15/22	11/16/22
Total Nitrogen	8840		10.0	mg/kg	11/15/22	11/15/22

Results: Total Metals

Sample: WP-EH-62'

Lab Number: 2K10018-03 (Soil)

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Phosphorous	1990		1.60	mg/kg	11/11/22	11/16/22
Sulfur	11400		162	mg/kg	11/11/22	11/16/22
Iron	25700		16.2	mg/kg	11/11/22	11/16/22

Quality Control

General Chemistry

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2K0678 - General Chemistry										
Blank (B2K0678-BLK1)	Prepared & Analyzed: 11/11/22									
Nitrate and Nitrite as N	ND		0.03	mg/L						
Blank (B2K0678-BLK2)	Prepared & Analyzed: 11/11/22									
Nitrate and Nitrite as N	ND		0.03	mg/L						
Blank (B2K0678-BLK3)	Prepared & Analyzed: 11/11/22									
Nitrate and Nitrite as N	ND		0.03	mg/L						
LCS (B2K0678-BS1)	Prepared & Analyzed: 11/11/22									
Nitrate and Nitrite as N	0.78		0.03	mg/L	0.800		97.4	90-110		
LCS (B2K0678-BS2)	Prepared & Analyzed: 11/11/22									
Nitrate and Nitrite as N	0.82		0.03	mg/L	0.800		103	90-110		
LCS (B2K0678-BS3)	Prepared & Analyzed: 11/11/22									
Nitrate and Nitrite as N	0.82		0.03	mg/L	0.800		102	90-110		
Duplicate (B2K0678-DUP1)	Source: 2K10002-01 Prepared & Analyzed: 11/11/22									
Nitrate and Nitrite as N	2.51		0.15	mg/L		2.14			15.9	200
Matrix Spike (B2K0678-MS1)	Source: 2K10002-01 Prepared & Analyzed: 11/11/22									
Nitrate and Nitrite as N	2.70		0.15	mg/L	4.00	2.14	14.1	80-120		
Batch: B2K0750 - TKN										
Blank (B2K0750-BLK1)	Prepared & Analyzed: 11/14/22									
Kjeldahl Nitrogen	ND		0.1	mg/L						

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2K0750 - TKN (Continued)										
Blank (B2K0750-BLK2)					Prepared & Analyzed: 11/14/22					
Kjeldahl Nitrogen	ND		0.1	mg/L						
LCS (B2K0750-BS1)					Prepared & Analyzed: 11/14/22					
Kjeldahl Nitrogen	0.9		0.1	mg/L	1.00		87.6	80-120		
LCS (B2K0750-BS2)					Prepared & Analyzed: 11/14/22					
Kjeldahl Nitrogen	1.0		0.1	mg/L	1.00		96.7	80-120		
Duplicate (B2K0750-DUP2)					Source: 2K09012-02 Prepared & Analyzed: 11/14/22					
Kjeldahl Nitrogen	ND		0.1	mg/L		ND				20
Matrix Spike (B2K0750-MS1)					Source: 2K09012-02 Prepared & Analyzed: 11/14/22					
Kjeldahl Nitrogen	ND		0.1	mg/L	1.00	ND		80-120		
Batch: B2K0757 - TKN										
Blank (B2K0757-BLK1)					Prepared & Analyzed: 11/14/22					
Kjeldahl Nitrogen	ND		10	mg/kg						
Batch: B2K0852 - General Chemistry										
Blank (B2K0852-BLK1)					Prepared & Analyzed: 11/15/22					
Nitrate and Nitrite as N	ND		1	mg/kg						
Duplicate (B2K0852-DUP1)					Source: 2K10018-03 Prepared & Analyzed: 11/15/22					
Nitrate and Nitrite as N	201		10	mg/kg dry		204			1.58	200

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2K0933 - Total phosphate										
Blank (B2K0933-BLK1)										
Total Phosphorous	ND		0.02	mg/L	Prepared & Analyzed: 11/16/22					
Blank (B2K0933-BLK2)										
Total Phosphorous	ND		0.02	mg/L	Prepared & Analyzed: 11/16/22					
LCS (B2K0933-BS1)										
Total Phosphorous	0.91		0.02	mg/L	1.00		90.6	90-110		
LCS (B2K0933-BS2)										
Total Phosphorous	0.90		0.02	mg/L	1.00		90.1	90-110		
Duplicate (B2K0933-DUP1)										
Total Phosphorous	0.10		0.02	mg/L	Source: 2K08069-01		Prepared & Analyzed: 11/16/22		17.6	20
Matrix Spike (B2K0933-MS1)										
Total Phosphorous	1.08		0.02	mg/L	1.00	0.09	99.2	80-120		

Quality Control
(Continued)

Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: B2K0672 - Metals Digestion Soils										
Blank (B2K0672-BLK1)										
					Prepared: 11/11/22 Analyzed: 11/16/22					
Sulfur	ND		33.3	mg/kg						
Phosphorous	ND		0.33	mg/kg						
Iron	ND		3.3	mg/kg						
LCS (B2K0672-BS1)										
					Prepared: 11/11/22 Analyzed: 11/16/22					
Sulfur	98.8		33.3	mg/kg				85-115		
Phosphorous	88.8		0.33	mg/kg	100		88.8	85-115		
Iron	1040		3.3	mg/kg	1000		104	85-115		
LCS Dup (B2K0672-BSD1)										
					Prepared: 11/11/22 Analyzed: 11/16/22					
Sulfur	92.2		33.3	mg/kg				85-115	6.88	200

Notes and Definitions

Item	Definition
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.



CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME/LOCATION		AQUEOUS	SOL	OTHER	NO. OF CONTAINERS	PRESERVATIVE	TESTS*	REMARKS	
03136 WP		MRA									
CLIENT		REPORT TO:	INVOICE TO:								
DATE	TIME	P	G	SAMPLE I.D.							
		MO	RA								
10/17/22				ASH							
10/21/22	1340			WP-INLET	✓		1	246	✓	All samples frozen since collection.	
10/21/22	1345			WP-OUTLET	✓		1	"	✓		
11/7/22	1120			WP-EH-62'		✓	1	"	✓		

Sampled by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Laboratory Remarks: Temp. received: <u>3</u> Cooled <input type="checkbox"/>	Special Instructions: List Specific Detection Limit Requirements:
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time		
Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Signature)	Date/Time		
	10/21/22 1400		10/21/22 1400		
	11/10/22 1314		11-10-22 1220		
	11-10-22 1620	Thyenne Terenzi	11/10/22 1630		Turnaround (Business Days)

*Netlab subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates, CT ETPH