



Environmental & Agricultural Testing

"Providing Quality Analytical Services Since 1939"

2829 Reach Road, Williamsport, PA 17701 • Phone: (570) 326-4001 • Fax: (570) 326-0399 • www.seewaldlabs.com

Certificate of Analysis

June 16, 2018

Jack Bailey

Work Order: 1814497

City of Lock Haven

Project: Beach

20 East Church St

Lock Haven, PA 17745

Dear Jack Bailey,

Enclosed is your report of analysis that contains the result(s) of the sample(s) received on 6/14/2018. Please direct any questions or comments regarding the content of this report to our Client Services Manager, Mr. Kevin Green; or the Laboratory Director, Mr. Raymond J. Martrano at (570) 326 - 4001.

Seewald Laboratories, Inc. is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and the analytical result(s) contained in this report meet those regulation requirements, except where noted. For example, all drinking water testing and/or analysis comply with the requirements in 40 CFR part 141. All wastewater testing and/or analysis comply with the requirements in 40 CFR part 136. All Solid and Chemical Material testing and/or analysis complies with the requirements in SW-846. All quantitative solid result(s), unless otherwise indicated, are reported on a dry weight basis obtained by a percent moisture calculation.

Sample(s) that were collected by Seewald Laboratories, Inc. personnel are done in accordance with the latest revision of the laboratory's Field Sampling and Field Analysis Standard Operating Procedures. The result(s) contained within this report are representative of the sample(s) as received. Any and all information provided to us by the client was not performed by Seewald Laboratories, Inc. and is not within our scope of accreditation. Any abnormalities in how the sample(s) were received are noted in the documentation contained herein.

All information contained within this report is the property of Seewald Laboratories, Inc. and that of the client. This report may not be reproduced in any form without prior consent from either an authorized representative of Seewald Laboratories, Inc. or the client for which this report was intended. If required, this report must be reproduced in its entirety. Seewald Laboratories, Inc. is not responsible for the use or interpretation of the data included herein.

Please visit www.seewaldlabs.com for a complete list of our accredited parameters and other topics of interest.

Regards,

Seewald Laboratories, Inc.



Approved by: _____

Ray Martrano, Laboratory Director

PA Lab ID: 41-00034 • Maryland Certificate #: 202 • Delaware Office of Drinking Water • NY State Lab ID: 12028

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City of Lock Haven	Project: Beach
20 East Church St	Project Number:
Lock Haven, PA 17745	Reported: 06/16/2018 08:21

Sample Summary

Lab ID	Sample	Matrix	Sampled	Received
1814497-01	City Beach	Non-Potable Water	06/14/2018 14:15	06/14/2018 15:04





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Project: Beach

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Case Narrative

The sample's temperature was above the method specifications, however, the sample was received in a cooler, on ice, and the same day it was collected. REA 6/14/18





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Analytical Results

Sample ID: City Beach	Sampled: 06/14/2018 14:15
Lab ID: 1814497-01	Received: 06/14/2018 15:04
Matrix: Non-Potable Water	

Analyte	Result	Units	Qualifier	Reporting Limit	Prepared	Analyzed	Method	Analyst
Microbiology								
E. coli (enumeration)	365	MPN/100 mL	G	1	6/14/18 15:20	6/15/18 12:15	SM 9223 B/Quanti-Tray	JAB





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City of Lock Haven	Project: Beach
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Notes and Definitions

Item	Definition
G	Result is currently not in compliance with the Public Swimming & Bathing provisions established by the Department of Health.
ND	Not Detected at or above the Minimum Reporting Limit
Reporting Limit	This value represents the minimum concentration that the target analyte can be identified and quantitated with confidence



SEEWALD
LABORATORIES, INC.

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Williamsport, PA 17701
Phone: (570) 326-4001 Fax: (570) 326-0399
Complete Online at www.seewaldlabs.com



1814497

PA/MD/DE Drinking Water Only

Circle State of Origin for Compliance Monitoring

PWSID # MA

Type: Annual Semi-Annual Quarterly Monthly

Monitoring Period: _____ to _____

Reporting Type: C D E F I L M P R S

Location Code: _____

areas are analysis.

Billing:

Cash PO: NA
Check Ck#: _____
Credit Not Paid

Turn Around Time:

Standard Rush
Rush Due: _____

Reporting:

Basic or QC Report
Email or US Postal

Customer Information:

First Time Customer? Y () N ()
Contact Person: <u>Jack Bailey</u>
Client/Co.Name: <u>City of Lock Haven</u>
Address: <u>20 E. Church Street</u>
City, State, Zip: <u>Lock Haven PA 17745</u>
Telephone No: <u>570-893-5612</u>
Cell No: <u>570-660-6671</u>
Fax No: <u>570-893-5905</u>
Email Address: _____

Report to / Bill to (if different):

Receipt Info: Lab Employee FedEx UPS US Postal Walk in Other: _____
of Coolers: 1 Temp: 55.5
Received on ice? N
Coolers & samples intact? Y
COC intact & complete? N
Correct container provided? N
Sample/COC/Analysis agree? N
Adequate sample volumes? Y
Headspace present? Y
Sample(s) pH acceptable? Y NA
Completed By: RA Y = Yes N = No

Reporting Type Key:
C = Check F = Follow-up
D = Dist. I = Initial
E = Entry Point L = Lead
M = Max Res. service
R = Raw P = Plant
S = Special

Comment(s)/Note(s):

Sample Information: Project Name: Lock Haven City Beach

Field	pH: _____ SU Temp: _____ °C Meter #:	*Comp #1 8 12 24	*Comp #2 8 12 24
Data	O ₂ : _____ mg/L Temp: _____ °C Meter #:	Start: @	Start: @
	CL ₂ : Tot: _____ Free: _____ mg/L Meter:	End: @	End: @

T1: RA 6/14/18 T2: SM 6/15/18

Container Type/Preservation (see keys)

Indicate number of containers below

6	RA 6/14/18	per client
---	------------	------------

Seewald LIMS No(s)	Sample Identification	Matrix (key)	Sample Date (MM/DD/YY)	Sample Time (HHMM)	Grab or Composite *
	City Beach	DPW	06/14/18	1415	GRAB per client

Analyses/Method Request

Total coliform/E-coli
RA 6/14/18

← pHs checked by (Lab Initials): MA

Container: (CG) Clear Glass (AG) Amber Glass (P) Plastic (V) Vial (SP) Sterile Plastic (WP) Whirl-Pak (O) Other
Preservation: (0) none (1) H₂SO₄ (2) HCL (3) HNO₃ (4) NaOH (5) Zn(O₂CCH₃)₂ (6) Na₂S₂O₃ (7) NH₄CL (8) H₃PO₄ (9) Other (a) NH₄Cl (b) C₂H₆O₆ (c) MeOH (d) NaHSO₄
Matrix: (DW) Drinking Water (NPW) Non-Potable Water (SCM) Solid/Chemical Materials (D) Dairy (FD) Frozen Desserts (F) Food (PC) Plastic Cont. (ENV) Env. Swabs (SW) Surface Water (GW) Ground Water
 (A) Air (DI) Reagent Water (O) Other

(Signatures Only) Sampled By (1st): Jack Bailey Initials: JB
 Relinquished By (1st): Jack Bailey → Received By (2nd): [Signature] → Date: 6/14/18 → Time: 1504
 Relinquished By (2nd): _____ → Received By (3rd): _____ → Date: _____ → Time: _____
 Relinquished By (3rd): _____ → Received By (4th): _____ → Date: _____ → Time: _____
 Relinquished By (4th): _____ → Received By (5th): _____ → Date: _____ → Time: _____