



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 1012132

February 03, 2021

Generations Environmental Consulting & Testing
Scot Saliani
29 Furman Lane
Patchogue, NY 11772

Re: Mandemaker

Dear Scot Saliani,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on January 21, 2021. Long Island Analytical laboratories analyzed the samples on February 02, 2021 for the following:

SAMPLE ID

ANALYSIS

Spring/Well

Certificate of Occupancy (Well)

Samples received at 2.1 ° C

1.C Holding time exceeded, analyze immediate parameter.

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director

Client: Generations Environmental Consulting &	Client ID: Mandemaker
Date (Time) Collected: 01/20/2021 13:00	Sample ID: Spring/Well
Date (Time) Received: 01/21/2021 17:02	Laboratory ID: 1012132-01
Matrix: Potable Water	ELAP: #11693

Total Low Level Metals Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Cadmium	02/02/2021	EPA 200.7, Rev. 4.4(1994)	0.001	<0.001	mg/L	4.B
Calcium	02/02/2021	EPA 200.7, Rev. 4.4(1994)	0.050	1.792	mg/L	
Chromium	02/02/2021	EPA 200.7, Rev. 4.4(1994)	0.007	<0.007	mg/L	4.B
Copper	02/02/2021	EPA 200.7, Rev. 4.4(1994)	0.050	<0.050	mg/L	4.B
Iron	02/02/2021	EPA 200.7, Rev. 4.4(1994)	0.100	<0.100	mg/L	4.B
Magnesium	02/02/2021	EPA 200.7, Rev. 4.4(1994)	0.100	0.742	mg/L	
Manganese	02/02/2021	EPA 200.7, Rev. 4.4(1994)	0.010	<0.010	mg/L	4.B
Zinc	02/02/2021	EPA 200.7, Rev. 4.4(1994)	0.050	<0.050	mg/L	4.B

Date Prepared: 02/02/2021

Preparation Method: DW-N/A

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Lead	02/01/2021	EPA 200.5	2.50	<2.50	ug/L	4.B

Date Prepared: 01/29/2021

Preparation Method: EPA 200.5

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	01/29/2021	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 01/29/2021

Preparation Method: DW-N/A

Client: Generations Environmental Consulting &	Client ID: Mandemaker
Date (Time) Collected: 01/20/2021 13:00	Sample ID: Spring/Well
Date (Time) Received: 01/21/2021 17:02	Laboratory ID: 1012132-01
Matrix: Potable Water	ELAP: #11693

Ion Chromatography Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Chloride	01/22/2021 15:17	EPA 300.0 Rev. 2.1(1993)	0.500	4.66	mg/L	

Date Prepared: 01/22/2021

Preparation Method: IC PW Prep

Low Level Ion Chromatography Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Nitrate as N	01/22/2021 15:17	EPA 300.0 Rev. 2.1(1993)	0.010	0.064	mg/L	

Date Prepared: 01/21/2021

Preparation Method: IC PW Prep



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110 Colin Drive • Holbrook, New York 11741

Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Generations Environmental Consulting &	Client ID: Mandemaker
Date (Time) Collected: 01/20/2021 13:00	Sample ID: Spring/Well
Date (Time) Received: 01/21/2021 17:02	Laboratory ID: 1012132-01
Matrix: Potable Water	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Specific Conductance	01/26/2021 15:59	EPA 120.1 (Rev. 1982)	2.000	36.10	umhos/cm	

Date Prepared: 01/26/2021

Preparation Method: No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
pH	01/26/2021 16:02	SM 18-21 4500-H B (00)	NA	6.51	units	2.B, 1.C
Temperature @ pH in C	01/26/2021 16:02	SM 18-21 4500-H B (00)	NA	20.60	units	2.B, 1.C

Date Prepared: 01/26/2021

Preparation Method: pH- No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Methylene Blue Active Substances	01/22/2021 16:40	SM 21-23 5540C (-00)	0.10	<0.10	mg/L LAS @ M.W. 340	

Date Prepared: 01/22/2021

Preparation Method: SM5540 C

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Ammonia as N	01/28/2021 21:44	SM4500-NH3C	1.00	<1.00	mg/L	2.B

Date Prepared: 01/28/2021

Preparation Method: SM4500-NH3 B-97,-11

Client: Generations Environmental Consulting &	Client ID: Mandemaker
Date (Time) Collected: 01/20/2021 13:00	Sample ID: Spring/Well
Date (Time) Received: 01/21/2021 17:02	Laboratory ID: 1012132-01
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	01/21/2021 17:00	Colisure	NA	Absent		
Total Coliforms	01/21/2021 17:00	Colisure	NA	Negative		

Date Prepared: 01/21/2021

Preparation Method: Micro-No Prep

Data Qualifiers Key Reference:

- 1.C Holding time exceeded, analyze immediate parameter.
- 2.B Parameter not certifiable by NELAP.
- 4.B Estimated value, Results may have a higher degree of uncertainty as a result of reporting to the MDL but below LOQ.
- MDL Minimum Detection Limit
- LOQ Limit of Quantitation



CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
GENERATIONS ENVIRONMENTAL

CONTACT: **Scott Salazar**
 PHONE: **631 445-0090**
 EMAIL: **SSALAZ@OUTLOOK.COM**

PROJECT LOCATION:
WASTEWATER

TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tendering of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard Terms

SAMPLER (SIGNATURE)
 SAMPLER NAME (PRINT)
Scott Salazar
 SAMPLES RECEIVED AT
2.1 °C

SAMPLE(S) SEALED
 YES / NO
 CORRECT CONTAINERS
 YES / NO

1012132

LABORATORY ID # <small>For Laboratory Use Only</small>	MATRIX	TYPE	PH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	# OF CONTAINERS
1. 0143201	DW	G				1-20-21	1:00 pm	Spring Well	Basic C/O	
2.										
3.										
4.										
5.										
6.										
7.										
8.										
9.										
10.										
11.										
12.										
13.										
14.										

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIFE;
 PC=PAINT CHIPS; BM=BULK MATERIAL; O=OIL; WW=WASTE WATER
 TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
 PRES: (1) ICE; (2) HCL; (3) H₂SO₄; (4) NaOH; (5) Na₂S₂O₃; (6) HNO₃; (7) OTHER

TURNAROUND REQUIRED:
 NORMAL STAT

RELINQUISHED BY (SIGNATURE) **[Signature]** DATE **1/20/21** TIME **1:00** PRINTED NAME **Scott Salazar**

RECEIVED BY (SIGNATURE) **[Signature]** DATE **2-1-21** TIME **5:00** PRINTED NAME **Ben Anderson**