Table 2. Summary of Bacteriological Data in water samples collected from the Jacob Riis Houses, December 14, 2022.

Client	The Liro Group
Project	Analysis
Matrix	Potable Water
Collect Dates	12/14/22 thru 12/14/22

Apartment #	Client Sample ID	Lab Number	Sample Date	Total Coliform	E. Coli	HPC[1] (MPN/mL)[2]
			Guidance Values[3]	Negative	Absent	< 500 cfu/mL[4]
		Riis Houses Building #5				
[redacted]	Apt 11 B Bathroom Sink	2121410-01	12/14/2022	Negative	Absent	17.0
[redacted]	Apt 9 A Kitchen Sink	2121410-02	12/14/2022	Negative	Absent	26.0
[redacted]	Apt 5 E Kitchen Sink	2121410-03	12/14/2022	Negative	Absent	8.00
[redacted]	Apt 2 C Kitchen Sink	2121410-04	12/14/2022	Negative	Absent	6.00
		Riis Houses Building #6				
[redacted]	Apt 12 F Kitchen Sink	2121411-01	12/14/2022	Negative	Absent	48.0
[redacted]	Apt 10 D Kitchen Sink	2121411-02	12/14/2022	Negative	Absent	<2.00
[redacted]	Apt 6 A kitchen Sink	2121411-03	12/14/2022	Negative	Absent	<2.00
[redacted]	Apt 1 D Kitchen Sink	2121411-04	12/14/2022	Negative	Absent	4.00
		Riis Houses Building #8				
	ROOF TANK	2121412-01	12/14/2022	Negative	Absent	33.0
[redacted]	Apt 11 A Kitchen Sink	2121412-02	12/14/2022	Negative	Absent	15.0
[redacted]	Apt 8 F Kitchen Sink	2121412-03	12/14/2022	Negative	Absent	12.0
[redacted]	Apt 5D Kitchen Sink	2121412-04	12/14/2022	Negative	Absent	77.0
[redacted]	Apt 2B Kitchen Sink	2121412-05	12/14/2022	Negative	Absent	17.0
	POINT OF ENTRY	2121412-06	12/14/2022	Negative	Absent	40.0
		Riis Houses Building #9				
[redacted]	Apt 1D Bathroom Sink	2121413-01	12/14/2022	Negative	Absent	33.0
		Riis Houses Building #10				
[redacted]	Apt 10A Kitchen Sink	2121414-01	12/14/2022	Negative	Absent	26.0
[redacted]	Apt 8E Kitchen Sink	2121414-02	12/14/2022	Negative	Absent	<2.00
[redacted]	Apt 4B Kitchen Sink	2121414-03	12/14/2022	Negative	Absent	<2.00
[redacted]	Apt 2A Kitchen Sink	2121414-04	12/14/2022	Negative	Absent	2.00
		Riis Houses Building #11				
	ROOF TANK	2121415-01	12/14/2022	Negative	Absent	8.00
[redacted]	Apt 12 B Kitchen Sink	2121415-02	12/14/2022	Negative	Absent	97.0
[redacted]	Apt 7 E Kitchen Sink	2121415-03	12/14/2022	Negative	Absent	108
[redacted]	Apt 5F Kitchen Sink	2121415-04	12/14/2022	Negative	Absent	26.0
[redacted]	Apt 2B Kitchen Sink	2121415-05	12/14/2022	Negative	Absent	33.0
	POINT OF ENTRY	2121415-06	12/14/2022	Negative	Absent	15.0
		Riis Houses Building #13				
[redacted]	[redacted] Kitchen Sink	2121416-01	12/14/2022	Negative	Absent	15.0
[redacted]	[redacted] Kitchen Sink	2121416-02	12/14/2022	Negative	Absent	10.0
[redacted]	[redacted] Kitchen Sink	2121416-03	12/14/2022	Negative	Absent	17.0
[redacted]	[redacted] Kitchen Sink	2121416-04	12/14/2022	Negative	Absent	23.0
		Riis Houses Building #14				
[redacted]	[redacted] Kitchen Sink	2121417-01	12/14/2022	Negative	Absent	4.00
[redacted]	[redacted] Kitchen Sink	2121417-02	12/14/2022	Negative	Absent	15.0
[redacted]	[redacted] Kitchen Sink	2121417-03	12/14/2022	Negative	Absent	43.0
[redacted]	[redacted] Kitchen Sink	2121417-04	12/14/2022	Negative	Absent	38.0
		Riis Houses Building 15				
[redacted]	[redacted] Kitchen Sink	2121418-01	12/14/2022	Negative	Absent	59.0
[redacted]	[redacted] Kitchen Sink	2121418-02	12/14/2022	Negative	Absent	74.0
[redacted]	[redacted] Kitchen Sink	2121418-03	12/14/2022	Negative	Absent	8.00
[redacted]	[redacted] Kitchen Sink	2121418-04	12/14/2022	Negative	Absent	4.00
		Riis Houses Building #18				
[redacted]	[redacted] Kitchen Sink	2121419-01	12/14/2022	Negative	Absent	12.0
[redacted]	[redacted] Kitchen Sink	2121419-02	12/14/2022	Negative	Absent	19.0
[redacted]	[redacted] Kitchen Sink	2121419-03	12/14/2022	Negative	Absent	21.0
[redacted]	[redacted] Kitchen Sink	2121419-04	12/14/2022	Negative	Absent	93.0
		Riis Houses Building #19				
[redacted]	[redacted] Kitchen Sink	2121420-01	12/14/2022	Negative	Absent	71.0
[redacted]	[redacted] Kitchen Sink	2121420-02	12/14/2022	Negative	Absent	21.0
[redacted]	[redacted] Kitchen Sink	2121420-03	12/14/2022	Negative	Absent	40.0
[redacted]	[redacted] Kitchen Sink	2121420-04	12/14/2022	Negative	Absent	15.0
		Riis Houses Building #3				
[redacted]	[redacted] Bathroom Sink	2121421-01	12/14/2022	Negative	Absent	26.0
[redacted]	[redacted] Kitchen Sink	2121421-02	12/14/2022	Negative	Absent	33.0
[redacted]	[redacted] Kitchen Sink	2121421-03	12/14/2022	Negative	Absent	19.0
[redacted]	[redacted] Kitchen Sink	2121421-04	12/14/2022	Negative	Absent	17.0
		Riis Houses Building #2				
[redacted]	[redacted] Bathroom Sink	2121422-01	12/14/2022	Negative	Absent	17.0
[redacted]	[redacted] Kitchen Sink	2121422-02	12/14/2022	Negative	Absent	38.0
[redacted]	[redacted] Kitchen Sink	2121422-03	12/14/2022	Negative	Absent	45.0
[redacted]	[redacted] Kitchen Sink	2121422-04	12/14/2022	Negative	Absent	23.0

Notes
1. HPC - Heterotrophic Plate Count
2. MPN/mL – Most Probable Number per Milliliter (MPN/mL), which correlates with Colony Forming Units per Milliliter (cfu/mL)
3. Guidance Values - US EPA National Drinking Water Regulation
4. Colony Forming Units per milliliter (cfu/mL)
5. **Bold data indicates an exceedance of Guidance Values**

Table 1. Summary of Arsenic concentrations in water samples collected from the Jacob Riis Houses, December 14, 2022.

Client	The Liro Group
Project	Analysis
Matrix	Potable Water
Collect Dates	12/14/2022 Thru 12/14/2022

Apartment #	Client Sample ID	Lab Number	NYSDOH MCL ug/L	Arsenic (ug/L)		
				Value	Qual	Sample Date
Riis Houses Building #5						
[redacted]	[redacted] Bathroom Sink	2121410-01	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121410-02	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121410-03	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121410-04	10	<0.500		12/14/2022
Riis Houses Building #6						
[redacted]	[redacted] Kitchen Sink	2121411-01	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121411-02	10	<0.500		12/14/2022
[redacted]	[redacted] kitchen Sink	2121411-03	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121411-04	10	<0.500		12/14/2022
Riis Houses Building #8						
	ROOF TANK	2121412-01	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121412-02	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121412-03	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121412-04	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121412-05	10	<0.500		12/14/2022
	POINT OF ENTRY	2121412-06	10	<0.500		12/14/2022
Riis Houses Building #9						
[redacted]	[redacted] Bathroom Sink	2121413-01	10	<0.500		12/14/2022
Riis Houses Building #10						
[redacted]	[redacted] Kitchen Sink	2121414-01	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121414-02	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121414-03	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121414-04	10	<0.500		12/14/2022
Riis Houses Building 11						
	ROOF TANK	2121415-01	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121415-02	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121415-03	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121415-04	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121415-05	10	<0.500		12/14/2022
	POINT OF ENTRY	2121415-06	10	<0.500		12/14/2022
Riis Houses Building #13						
[redacted]	[redacted] Kitchen Sink	2121416-01	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121416-02	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121416-03	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121416-04	10	<0.500		12/14/2022
Riis Houses Building #14						
[redacted]	[redacted] Kitchen Sink	2121417-01	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121417-02	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121417-03	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121417-04	10	<0.500		12/14/2022
Riis Houses Building #15						
[redacted]	[redacted] Kitchen Sink	2121418-01	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121418-02	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121418-03	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121418-04	10	<0.500		12/14/2022
Riis Houses Building #18						
[redacted]	[redacted] Kitchen Sink	2121419-01	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121419-02	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121419-03	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121419-04	10	<0.500		12/14/2022
Riis Houses Building #19						
[redacted]	[redacted] Kitchen Sink	2121420-01	10	<0.500		12/14/2022
[redacted]	[redacted] E Kitchen Sink	2121420-02	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121420-03	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121420-04	10	<0.500		12/14/2022
Riis Houses Building #3						
[redacted]	[redacted] Bathroom Sink	2121421-01	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121421-02	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121421-03	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121421-04	10	<0.500		12/14/2022
Riis Houses Building #2						
[redacted]	[redacted] Bathroom Sink	2121422-01	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121422-02	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121422-03	10	<0.500		12/14/2022
[redacted]	[redacted] Kitchen Sink	2121422-04	10	<0.500		12/14/2022

Notes

1. Exceedances of NYSDOH Section 5-1.52 Maximum Contaminant Levels (MCL) are bold.

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# 2121422

December 19, 2022

Liro Engineers, Inc.
Michael Byrnes
235 East Jericho Tpk
Mineola, NY 11501

Re: Riis Houses Building #2

Dear Michael Byrnes,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on December 14, 2022. Long Island Analytical laboratories analyzed the samples on December 16, 2022 for the following:

SAMPLE ID	ANALYSIS
[redacted] Bathroom Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform

Samples received at 2.3 C

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 D. Veraldi
Laboratory Technical Director

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #2
Date (Time) Collected: 12/14/2022 10:44	Sample ID: [redacted] Bathroom Sink
Date (Time) Received: 12/14/2022 15:54	Laboratory ID: 2121422-01
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #2
Date (Time) Collected: 12/14/2022 10:44	Sample ID: [redacted] Bathroom Sink
Date (Time) Received: 12/14/2022 15:54	Laboratory ID: 2121422-01
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	17.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 10:44	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #2
Date (Time) Collected: 12/14/2022 10:52	Sample ID [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:54	Laboratory ID: 2121422-02
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #2
Date (Time) Collected: 12/14/2022 10:52	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:54	Laboratory ID: 2121422-02
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	38.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 10:52	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #2
Date (Time) Collected: 12/14/2022 11:02	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:54	Laboratory ID: 2121422-03
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #2
Date (Time) Collected: 12/14/2022 11:02	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:54	Laboratory ID: 2121422-03
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	45.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 11:02	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #2
Date (Time) Collected: 12/14/2022 11:14	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:54	Laboratory ID: 2121422-04
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #2
Date (Time) Collected: 12/14/2022 11:14	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:54	Laboratory ID: 2121422-04
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	23.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 11:14	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Data Qualifiers Key Reference:

MDL Minimum Detection Limit

LOQ Limit of Quantitation

H Holding Time Exceeded

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741 • Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Liro

CONTACT: Hal Stillway
PHONE: 631-603-8619
FAX:

SAMPLER (SIGNATURE): [signature] DATE 12/14/2022 TIME 1:46
SAMPLER NAME (PRINT): Ben Morse DATE 12/14/2022 TIME

SAMPLE(S) SEALED: YES / NO
CORRECT CONTAINER(S): YES / NO

2121422

PROJECT LOCATION: Riis Houses Building # 2

SAMPLES RECEIVED AT: 2.3 °C

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

	LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	TEMPERATURE		TC/EC	HPC	ARSENIC							# OF CONTAINERS
1.	1	DW	G	7	02	1,5,6	12/14/22	10:44	[redacted] Bathroom Sink		19		x	x	x							3
2.	2	↓	↓	↓	↓	↓	↓	10:52	[redacted] Kitchen Sink		19											
3.	3	↓	↓	↓	↓	↓	↓	11:02	[redacted] Kitchen Sink		19											
4.	4	↓	↓	↓	↓	↓	↓	11:14	[redacted] Kitchen Sink		19											
5.																						
6.																						
7.																						
8.									Sample Preserved w/HNO3 By: [illegible] 2pH													
9.																						
10.																						
11.																						
12.																						
13.																						
14.																						

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; 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) H_2SO_4; (4) NAOH; (5) $NA_2S_2O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☐ NORMAL ☑ STAT
BY / /

COMMENTS / INSTRUCTIONS
3 day TAT

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE / TIME	PRINTED NAME
[signature]	DATE 12/14/2022 TIME 1:52	Ben Morse		DATE TIME	
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE 12/14/22 TIME 1550	PRINTED NAME Perry Rivera

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# 2121421

December 19, 2022

Liro Engineers, Inc.
Michael Byrnes
235 East Jericho Tpk
Mineola, NY 11501

Re: Riis Houses Building #3

Dear Michael Byrnes,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on December 14, 2022. Long Island Analytical laboratories analyzed the samples on December 16, 2022 for the following:

SAMPLE ID	ANALYSIS
[redacted] Bathroom Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform

Samples received at 2.3 C

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 D. Veraldi
Laboratory Technical Director

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #3
Date (Time) Collected: 12/14/2022 11:29	Sample ID: [redacted] Bathroom Sink
Date (Time) Received: 12/14/2022 15:49	Laboratory ID: 2121421-01
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #3
Date (Time) Collected: 12/14/2022 11:29	Sample ID: [redacted] Bathroom Sink
Date (Time) Received: 12/14/2022 15:49	Laboratory ID: 2121421-01
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	26.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 11:29	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #3
Date (Time) Collected: 12/14/2022 11:39	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:49	Laboratory ID: 2121421-02
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #3
Date (Time) Collected: 12/14/2022 11:39	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:49	Laboratory ID: 2121421-02
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	33.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 11:39	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #3
Date (Time) Collected: 12/14/2022 11:49	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:49	Laboratory ID: 2121421-03
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #3
Date (Time) Collected: 12/14/2022 11:49	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:49	Laboratory ID: 2121421-03
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	19.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 11:49	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #3
Date (Time) Collected: 12/14/2022 11:59	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:49	Laboratory ID: 2121421-04
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #3
Date (Time) Collected: 12/14/2022 11:59	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:49	Laboratory ID: 2121421-04
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	17.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 11:59	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Data Qualifiers Key Reference:

MDL Minimum Detection Limit

LOQ Limit of Quantitation

H Holding Time Exceeded

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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Liro

CONTACT: Hal Stillway
PHONE: 631-603-8619
FAX:

SAMPLER (SIGNATURE): [signature] DATE 12/14/2022 TIME 1:46
SAMPLER NAME (PRINT): Ben Morse DATE 12/14/2022 TIME 1:46

SAMPLE(S) SEALED: YES / NO
CORRECT CONTAINER(S): YES / NO

2121421

PROJECT LOCATION: Riis Houses Building # 3

SAMPLES RECEIVED AT: 2.3°C

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

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	TEMPERATURE		TC/EC	HPC	ARSENIC							# OF CONTAINERS
1. 1	DW	G	7	0.2	1,5,6	12/14/22	11:29	[redacted] Bathroom sink		19		x	x	x							3
2. 2	↓	↓	↓	↓	↓	↓	11:39	[redacted] kitchen sink		19											
3. 3							11:49	[redacted] kitchen sink		19											
4. 4							11:59	[redacted] kitchen sink		19											
5.																					
6.																					
7.																					
8.																					
9.																					
10.																					
11.																					
12.																					
13.																					
14.																					

Sample Preserved w/HNO3 By: [illegible] <2pH

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; 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) H_2SO_4; (4) NAOH; (5) $NA_2S_2O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☐ NORMAL ☑ STAT
BY / /

COMMENTS / INSTRUCTIONS: 3 day TAT

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE / TIME	PRINTED NAME
[signature]	DATE 12/14/2022 TIME 1:52	Ben Morse		DATE TIME	
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE 12/14/22 TIME 1550	PRINTED NAME [illegible] Rivera

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# 2121410

December 19, 2022

Liro Engineers, Inc.
Michael Byrnes
235 East Jericho Tpk
Mineola, NY 11501

Re: Riis Houses Building #5

Dear Michael Byrnes,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on December 14, 2022. Long Island Analytical laboratories analyzed the samples on December 15, 2022 for the following:

SAMPLE ID	ANALYSIS
[redacted] Bathroom Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform

Samples received at 2.1 C

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 D. Veraldi
Laboratory Technical Director

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #5
Date (Time) Collected: 12/14/2022 10:28	Sample ID: [redacted] Bathroom Sink
Date (Time) Received: 12/14/2022 14:55	Laboratory ID: 2121410-01
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #5
Date (Time) Collected: 12/14/2022 10:28	Sample ID: [redacted] Bathroom Sink
Date (Time) Received: 12/14/2022 14:55	Laboratory ID: 2121410-01
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	17.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 10:28	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #5
Date (Time) Collected: 12/14/2022 10:35	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 14:55	Laboratory ID: 2121410-02
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #5
Date (Time) Collected: 12/14/2022 10:35	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 14:55	Laboratory ID: 2121410-02
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	26.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 10:35	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #5
Date (Time) Collected: 12/14/2022 10:57	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 14:55	Laboratory ID: 2121410-03
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #5
Date (Time) Collected: 12/14/2022 10:57	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 14:55	Laboratory ID: 2121410-03
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	8.00	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 10:57	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #5
Date (Time) Collected: 12/14/2022 11:00	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 14:55	Laboratory ID: 2121410-04
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #5
Date (Time) Collected: 12/14/2022 11:00	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 14:55	Laboratory ID: 2121410-04
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	6.00	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 11:00	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Data Qualifiers Key Reference:

MDL Minimum Detection Limit

LOQ Limit of Quantitation

H Holding Time Exceeded

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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

2121410

CLIENT NAME/ADDRESS: Liro

CONTACT: Hal Stillway
PHONE: 631-603-8619
FAX:

SAMPLER (SIGNATURE) DATE 12/14/2022 TIME
SAMPLER NAME (PRINT): Hal Stillway DATE 12/14/2022 TIME

SAMPLE(S) SEALED: YES / NO
CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: Riis Houses Building # 5

SAMPLES RECEIVED AT: 2.1 °C

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

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED: TEMPERATURE	TC/EC	HPC	ARSENIC	# OF CONTAINERS
1. 1	DW	G	7	.2	1,5,6	12/14/22	1020	[redacted] Bathroom Sink	19	x	x	x	3
2. 2	↓	↓	7	.2	↓	↓	1035	[redacted] Kitchen Sink	19	↓	↓	↓	↓
3. 3	↓	↓	7	.2	↓	↓	1057	[redacted] Kitchen Sink	19	↓	↓	↓	↓
4. 4	↓	↓	7	.2	↓	↓	1100	[redacted] Kitchen Sink	19	↓	↓	↓	↓
5.													
6.													
7.													
8.													
9.													
10.													
11.													
12.													
13.													
14.													

Sample Preserved w/HNO3 By: Client CZP H

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; 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) H_2SO_4; (4) NAOH; (5) $NA_2S_3O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☐ NORMAL ☑ STAT
BY / /

COMMENTS / INSTRUCTIONS
3 day TAT

RELINQUISHED BY (SIGNATURE)	DATE 12/14/2022 TIME 1:46	PRINTED NAME Ben Morse	RECEIVED BY (SIGNATURE)	DATE TIME	PRINTED NAME
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE 12/14/22 TIME 1455	PRINTED NAME Felipe Rivera

WHITE - OFFICE / CANARY - LAB / PINK - SAMPLE CUSTODIAN / GOLDENROD - CLIENT

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# 2121411

December 19, 2022

Liro Engineers, Inc.
Michael Byrnes
235 East Jericho Tpk
Mineola, NY 11501

Re: Riis Houses Building #6

Dear Michael Byrnes,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on December 14, 2022. Long Island Analytical laboratories analyzed the samples on December 15, 2022 for the following:

SAMPLE ID	ANALYSIS
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform

Samples received at 2.3 C

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 D. Veraldi
Laboratory Technical Director

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #6
Date (Time) Collected: 12/14/2022 11:05	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:01	Laboratory ID: 2121411-01
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #6
Date (Time) Collected: 12/14/2022 11:05	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:01	Laboratory ID: 2121411-01
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	48.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 11:05	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #6
Date (Time) Collected: 12/14/2022 11:15	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:01	Laboratory ID: 2121411-02
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #6
Date (Time) Collected: 12/14/2022 11:15	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:01	Laboratory ID: 2121411-02
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	<2.00	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 11:15	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #6
Date (Time) Collected: 12/14/2022 11:22	Sample ID: [redacted] kitchen Sink
Date (Time) Received: 12/14/2022 15:01	Laboratory ID: 2121411-03
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #6
Date (Time) Collected: 12/14/2022 11:22	Sample ID: [redacted] kitchen Sink
Date (Time) Received: 12/14/2022 15:01	Laboratory ID: 2121411-03
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	<2.00	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 11:22	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #6
Date (Time) Collected: 12/14/2022 11:30	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:01	Laboratory ID: 2121411-04
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #6
Date (Time) Collected: 12/14/2022 11:30	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:01	Laboratory ID: 2121411-04
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	4.00	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 11:30	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Data Qualifiers Key Reference:

MDL Minimum Detection Limit

LOQ Limit of Quantitation

H Holding Time Exceeded

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741 • Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Liro	CONTACT: Hal Stillway	SAMPLER (SIGNATURE): [signature] DATE: 12/14/2022 TIME:	SAMPLE(S) SEALED: YES / NO
	PHONE: 631-603-8619	SAMPLER NAME (PRINT): Hal Stillway DATE: 12/14/2022 TIME:	CORRECT CONTAINER(S): YES / NO
	FAX:		

2121411

PROJECT LOCATION: Riis Houses Building # 6

SAMPLES RECEIVED AT: 2.3°C

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

	LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	TEMPERATURE	TC/EC	HPC	ARSENIC	# OF CONTAINERS
1.	1	DW	G	7	.2	1,5,6	12/14/22	11:05	[redacted] Kitchen Sink		19	x	x	x	3
2.	2	↓	↓	7	.2	↓	↓	1115	[redacted] Kitchen Sink		19	↓	↓	↓	↓
3.	3	↓	↓	7	.2	↓	↓	1122	[redacted] Kitchen Sink		19	↓	↓	↓	↓
4.	4	↓	↓	7	.2	↓	↓	1130	[redacted] Kitchen Sink		19	↓	↓	↓	↓
5.															
6.															
7.															
8.															
9.															
10.															
11.															
12.															
13.															
14.															

Sample Preserved w/HNO3 By: Client CZPH

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; 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) H_2SO_4; (4) NAOH; (5) $NA_2S_3O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: NORMAL / STAT BY / /

COMMENTS / INSTRUCTIONS: 3 day TAT

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE / TIME	PRINTED NAME
[signature]	DATE 12/14/2022 TIME 1:47	Ben Morse		DATE TIME	
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE 12/14 TIME 1500	PRINTED NAME [signature]

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# 2121412

December 19, 2022

Liro Engineers, Inc.
Michael Byrnes
235 East Jericho Tpk
Mineola, NY 11501

Re: Riis Houses Building #8

Dear Michael Byrnes,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on December 14, 2022. Long Island Analytical laboratories analyzed the samples on December 16, 2022 for the following:

SAMPLE ID	ANALYSIS
Roof Tank	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
Point Of Entry	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform

Samples received at 2.3 C

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 D. Veraldi
Laboratory Technical Director

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #8
Date (Time) Collected: 12/14/2022 08:30	Sample ID: Roof Tank
Date (Time) Received: 12/14/2022 15:05	Laboratory ID: 2121412-01
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #8
Date (Time) Collected: 12/14/2022 08:30	Sample ID: Roof Tank
Date (Time) Received: 12/14/2022 15:05	Laboratory ID: 2121412-01
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	33.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 08:30	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #8
Date (Time) Collected: 12/14/2022 08:40	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:05	Laboratory ID: 2121412-02
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #8
Date (Time) Collected: 12/14/2022 08:40	Sample ID [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:05	Laboratory ID: 2121412-02
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	15.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 08:40	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #8
Date (Time) Collected: 12/14/2022 08:00	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:05	Laboratory ID: 2121412-03
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #8
Date (Time) Collected: 12/14/2022 08:00	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:05	Laboratory ID: 2121412-03
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	12.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 08:00	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #8
Date (Time) Collected: 12/14/2022 08:55	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:05	Laboratory ID: 2121412-04
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #8
Date (Time) Collected: 12/14/2022 08:55	Sample ID [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:05	Laboratory ID: 2121412-04
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	77.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 08:55	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #8
Date (Time) Collected: 12/14/2022 09:01	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:05	Laboratory ID: 2121412-05
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #8
Date (Time) Collected: 12/14/2022 09:01	Sample ID [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:05	Laboratory ID: 2121412-05
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	17.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 09:01	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #8
Date (Time) Collected: 12/14/2022 09:05	Sample ID: Point Of Entry
Date (Time) Received: 12/14/2022 15:05	Laboratory ID: 2121412-06
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #8
Date (Time) Collected: 12/14/2022 09:05	Sample ID: Point Of Entry
Date (Time) Received: 12/14/2022 15:05	Laboratory ID: 2121412-06
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	40.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 09:05	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Data Qualifiers Key Reference:

MDL Minimum Detection Limit

LOQ Limit of Quantitation

H Holding Time Exceeded

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# 2121413

December 19, 2022

Liro Engineers, Inc.
Michael Byrnes
235 East Jericho Tpk
Mineola, NY 11501

Re: Riis Houses Building #9

Dear Michael Byrnes,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on December 14, 2022. Long Island Analytical laboratories analyzed the samples on December 15, 2022 for the following:

SAMPLE ID	ANALYSIS
[redacted] Bathroom Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform

Samples received at 2.3 C

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 D. Veraldi
Laboratory Technical Director

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #9
Date (Time) Collected: 12/14/2022 10:48	Sample ID: [redacted] Bathroom Sink
Date (Time) Received: 12/14/2022 15:11	Laboratory ID: 2121413-01
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #9
Date (Time) Collected: 12/14/2022 10:48	Sample ID: [redacted] Bathroom Sink
Date (Time) Received: 12/14/2022 15:11	Laboratory ID: 2121413-01
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	33.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 10:48	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Data Qualifiers Key Reference:

MDL Minimum Detection Limit

LOQ Limit of Quantitation

H Holding Time Exceeded

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741 • Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Liro

CONTACT: Hal Stillway
PHONE: 631-603-8619
FAX:

SAMPLER (SIGNATURE): [signature] DATE 12/14/22 TIME
SAMPLER NAME (PRINT): Hal Stillway DATE TIME

SAMPLE(S) SEALED: YES / NO
CORRECT CONTAINER(S): YES / NO

2121413

PROJECT LOCATION: Riis Houses Building 9

SAMPLES RECEIVED AT: 2.3°C

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

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	tEMPERATURE		TC/EC	HPC	ARSENIC							# OF CONTAINERS
1. 1	DW	G	7	.2	1,5,6	12/14/22	10:45	[redacted] Bathroom sink		19		X	X	X							3
2.																					
3.																					
4.																					
5.																					
6.																					
7.																					
8.																					
9.																					
10.																					
11.																					
12.																					
13.																					
14.																					

Sample Preserved w/HNO3 By: Client pH

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; 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) H_2SO_4; (4) NAOH; (5) $NA_2S_2O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☐ NORMAL ☒ STAT BY / /

COMMENTS / INSTRUCTIONS: 3 DAY TAT

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE / TIME	PRINTED NAME
Ben Morse	DATE 12/14/22 TIME 1:47	Ben Morse		DATE TIME	
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE / TIME	PRINTED NAME
	DATE TIME		[signature]	DATE 12/14 TIME 1511	Rey Rivera

WHITE - OFFICE / CANARY - LAB / PINK - SAMPLE CUSTODIAN / GOLDENROD - CLIENT

NYSDOH ELAP# 11693 USEPA# NY01273 CTDOH# PH-0284

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# 2121414

December 19, 2022

Liro Engineers, Inc.
Michael Byrnes
235 East Jericho Tpk
Mineola, NY 11501

Re: Riis Houses Building #10

Dear Michael Byrnes,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on December 14, 2022. Long Island Analytical laboratories analyzed the samples on December 15, 2022 for the following:

SAMPLE ID	ANALYSIS
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform

Samples received at 2.3 C

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 D. Veraldi
Laboratory Technical Director

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #10
Date (Time) Collected: 12/14/2022 12:00	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:14	Laboratory ID: 2121414-01
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #10
Date (Time) Collected: 12/14/2022 12:00	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:14	Laboratory ID: 2121414-01
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	26.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 00:00	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #10
Date (Time) Collected: 12/14/2022 12:00	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:14	Laboratory ID: 2121414-02
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #10
Date (Time) Collected: 12/14/2022 12:00	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:14	Laboratory ID: 2121414-02
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	<2.00	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 00:00	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #10
Date (Time) Collected: 12/14/2022 12:00	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:14	Laboratory ID: 2121414-03
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #10
Date (Time) Collected: 12/14/2022 12:00	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:14	Laboratory ID: 2121414-03
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	<2.00	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 00:00	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #10
Date (Time) Collected: 12/14/2022 12:00	Sample ID [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:14	Laboratory ID: 2121414-04
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/15/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/15/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #10
Date (Time) Collected: 12/14/2022 12:00	Sample ID [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:14	Laboratory ID: 2121414-04
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	2.00	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 00:00	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Data Qualifiers Key Reference:

MDL Minimum Detection Limit

LOQ Limit of Quantitation

H Holding Time Exceeded

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741 • Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Liro

CONTACT: Hal Stillway
PHONE: 631-603-8619
FAX:

SAMPLER (SIGNATURE) DATE 12/14/2022 TIME
SAMPLER NAME (PRINT) Hal Stillway DATE 12/14/2022 TIME

SAMPLE(S) SEALED ☐ YES / NO ☐
CORRECT CONTAINER(S) ☐ YES / NO ☐

2121414

PROJECT LOCATION: Riis Houses Building # 10

SAMPLES RECEIVED AT 2.9 °C

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

	LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	tEMPERATURE	TC/EC	HPC	ARSENIC	# OF CONTAINERS
1.	1	DW	G	5	.2	1,5,6	12/14/22		[redacted] kitchen sink		19	x	x	x	3
2.	2	↓	↓	7	.2	↓	↓		[redacted] kitchen sink		19	↓	↓	↓	↓
3.	3	↓	↓	7	.2	↓	↓		[redacted] kitchen sink		19	↓	↓	↓	↓
4.	4	↓	↓	7	.2	↓	↓		[redacted] kitchen sink		19	↓	↓	↓	↓
5.											19				
6.															
7.															
8.															
9.															
10.															
11.															
12.															
13.															
14.															

Sample Preserved w/HNO3 By: [illegible] 22 pH

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; 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) H_2SO_4; (4) NAOH; (5) $NA_2S_3O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☐ NORMAL ☑ STAT
BY / /

COMMENTS / INSTRUCTIONS: 3 day TAT

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE / TIME	PRINTED NAME
[signature]	DATE 12/14/2022 TIME 1:48	Ben Morse		DATE TIME	
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE 12/14/22 TIME 1515	PRINTED NAME [illegible] Rivera

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# 2121415

December 19, 2022

Liro Engineers, Inc.
Michael Byrnes
235 East Jericho Tpk
Mineola, NY 11501

Re: Riis Houses Building #11

Dear Michael Byrnes,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on December 14, 2022. Long Island Analytical laboratories analyzed the samples on December 16, 2022 for the following:

SAMPLE ID	ANALYSIS
Roof Tank	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
Point of Entry	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform

Samples received at 2.3 C

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 D. Veraldi
Laboratory Technical Director

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #11
Date (Time) Collected: 12/14/2022 09:20	Sample ID: Roof Tank
Date (Time) Received: 12/14/2022 15:18	Laboratory ID: 2121415-01
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #11
Date (Time) Collected: 12/14/2022 09:20	Sample ID: Roof Tank
Date (Time) Received: 12/14/2022 15:18	Laboratory ID: 2121415-01
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	8.00	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 09:20	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #11
Date (Time) Collected: 12/14/2022 09:30	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:18	Laboratory ID: 2121415-02
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #11
Date (Time) Collected: 12/14/2022 09:30	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:18	Laboratory ID: 2121415-02
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	97.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 09:30	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #11
Date (Time) Collected: 12/14/2022 09:37	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:18	Laboratory ID: 2121415-03
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #11
Date (Time) Collected: 12/14/2022 09:37	Sample ID [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:18	Laboratory ID: 2121415-03
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	108	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 09:37	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #11
Date (Time) Collected: 12/14/2022 09:42	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:18	Laboratory ID: 2121415-04
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #11
Date (Time) Collected: 12/14/2022 09:42	Sample ID [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:18	Laboratory ID: 2121415-04
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	26.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 09:42	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #11
Date (Time) Collected: 12/14/2022 09:50	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:18	Laboratory ID: 2121415-05
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #11
Date (Time) Collected: 12/14/2022 09:50	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:18	Laboratory ID: 2121415-05
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	33.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 09:50	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #11
Date (Time) Collected: 12/14/2022 10:00	Sample ID: Point of Entry
Date (Time) Received: 12/14/2022 15:18	Laboratory ID: 2121415-06
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #11
Date (Time) Collected: 12/14/2022 10:00	Sample ID: Point of Entry
Date (Time) Received: 12/14/2022 15:18	Laboratory ID: 2121415-06
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	15.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 10:00	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Data Qualifiers Key Reference:

MDL Minimum Detection Limit

LOQ Limit of Quantitation

H Holding Time Exceeded

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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Liro

CONTACT: Hal Stillway
PHONE: 631-603-8619
FAX:

SAMPLER (SIGNATURE) DATE 12/14/2022 TIME
SAMPLER NAME (PRINT) Hal Stillway DATE 12/14/2022 TIME

SAMPLE(S) SEALED: YES / NO
CORRECT CONTAINER(S): YES / NO

2121415

PROJECT LOCATION: Riis Houses Building # 11

SAMPLES RECEIVED AT: 2.3 °C

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

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	tEMPERATURE		TC/EC	HPC	ARSENIC							# OF CONTAINERS
1. 1	DW	G			1,5,6	12/14/22	920	Roof tank		14		x	x	x							3
2. 2							930	[redacted] Kitchen Sink		14											
3. 3							937	[redacted] Kitchen Sink		14											
4. 4							942	[redacted] Kitchen Sink		14											
5. 5							950	[redacted] Kitchen Sink		14											
6. 6							1000	Point of Entry		14											
7.																					
8.																					
9.																					
10.																					
11.																					
12.																					
13.																					
14.																					

Sample Preserved w/HNO3 By: Client

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; 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) H_2SO_4; (4) NAOH; (5) $NA_2S_3O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☐ NORMAL ☑ STAT BY / /

COMMENTS / INSTRUCTIONS: 3 day TAT

RELINQUISHED BY (SIGNATURE)	DATE 12/14/2022 TIME 1:49	PRINTED NAME Ben Morse	RECEIVED BY (SIGNATURE)	DATE TIME	PRINTED NAME
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE 12/14/22 TIME 1520	PRINTED NAME Pedro Rivera

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# 2121416

December 19, 2022

Liro Engineers, Inc.
Michael Byrnes
235 East Jericho Tpk
Mineola, NY 11501

Re: Riis Houses Building #13

Dear Michael Byrnes,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on December 14, 2022. Long Island Analytical laboratories analyzed the samples on December 16, 2022 for the following:

SAMPLE ID	ANALYSIS
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform

Samples received at 2.3 C

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 D. Veraldi
Laboratory Technical Director

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #13
Date (Time) Collected: 12/14/2022 08:56	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:27	Laboratory ID: 2121416-01
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #13
Date (Time) Collected: 12/14/2022 08:56	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:27	Laboratory ID: 2121416-01
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	15.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 08:56	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #13
Date (Time) Collected: 12/14/2022 09:02	Sample ID [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:27	Laboratory ID: 2121416-02
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #13
Date (Time) Collected: 12/14/2022 09:02	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:27	Laboratory ID: 2121416-02
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	10.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 09:02	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #13
Date (Time) Collected: 12/14/2022 09:08	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:27	Laboratory ID: 2121416-03
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #13
Date (Time) Collected: 12/14/2022 09:08	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:27	Laboratory ID: 2121416-03
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	17.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 09:08	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #13
Date (Time) Collected: 12/14/2022 09:16	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:27	Laboratory ID: 2121416-04
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #13
Date (Time) Collected: 12/14/2022 09:16	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:27	Laboratory ID: 2121416-04
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	23.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 09:16	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Data Qualifiers Key Reference:

MDL Minimum Detection Limit

LOQ Limit of Quantitation

H Holding Time Exceeded

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Liro

CONTACT: Hal Stillway
PHONE: 631-603-8619
FAX:

SAMPLER (SIGNATURE): Ken M — DATE: 12/14/2022 — TIME:
SAMPLER NAME (PRINT): Ken McLeod — DATE: 12/14/2022 — TIME:

SAMPLE(S) SEALED: YES / NO
CORRECT CONTAINER(S): YES / NO

2121416

PROJECT LOCATION: Riis Houses Building # 13

SAMPLES RECEIVED AT: 2.3°C

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

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	TEMPERATURE	TC/EC	HPC	ARSENIC	# OF CONTAINERS
1. 1	DW	G	7	0.2	1,5,6	12/14/22	8:56	[redacted] Kitchen Sink		19	x	x	x	3
2. 2	↓	↓	7	0.2	↓	↓	9:02	[redacted] Kitchen Sink		19	↓	↓	↓	↓
3. 3	↓	↓	7	0.2	↓	↓	9:08	[redacted] Kitchen Sink		19	↓	↓	↓	↓
4. 4	↓	↓	7	0.2	↓	↓	9:16	[redacted] Kitchen Sink		19	↓	↓	↓	↓
5.														
6.														
7.														
8.														
9.														
10.														
11.														
12.														
13.														
14.														

Sample Preserved w/HNO3 By: [illegible]

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; 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) H_2SO_4; (4) NAOH; (5) $NA_2S_2O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☐ NORMAL ☑ STAT
BY / /

COMMENTS / INSTRUCTIONS: 3 day TAT

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE / TIME	PRINTED NAME
[signature]	DATE 12/14/2022 TIME 1:49	Ben Morse		DATE TIME	
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE 12/14/22 TIME 1525	PRINTED NAME [illegible]

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# 2121417

December 19, 2022

Liro Engineers, Inc.
Michael Byrnes
235 East Jericho Tpk
Mineola, NY 11501

Re: Riis Houses Building #14

Dear Michael Byrnes,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on December 14, 2022. Long Island Analytical laboratories analyzed the samples on December 16, 2022 for the following:

SAMPLE ID	ANALYSIS
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform

Samples received at 2.3 C

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 D. Veraldi
Laboratory Technical Director

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #14
Date (Time) Collected: 12/14/2022 09:23	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:32	Laboratory ID: 2121417-01
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #14
Date (Time) Collected: 12/14/2022 09:23	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:32	Laboratory ID: 2121417-01
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	4.00	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 09:23	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #14
Date (Time) Collected: 12/14/2022 09:31	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:32	Laboratory ID: 2121417-02
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #14
Date (Time) Collected: 12/14/2022 09:31	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:32	Laboratory ID: 2121417-02
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	15.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 09:31	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #14
Date (Time) Collected: 12/14/2022 09:35	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:32	Laboratory ID: 2121417-03
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #14
Date (Time) Collected: 12/14/2022 09:35	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:32	Laboratory ID: 2121417-03
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	43.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 09:35	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #14
Date (Time) Collected: 12/14/2022 09:42	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:32	Laboratory ID: 2121417-04
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #14
Date (Time) Collected: 12/14/2022 09:42	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:32	Laboratory ID: 2121417-04
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	38.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 09:42	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Data Qualifiers Key Reference:

MDL Minimum Detection Limit

LOQ Limit of Quantitation

H Holding Time Exceeded

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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

2121417

(LAB USE ONLY)

CLIENT NAME/ADDRESS	CONTACT: Hal Stillway	SAMPLER (SIGNATURE)	DATE	TIME	SAMPLE(S) SEALED
Liro	PHONE: 631-603-8619	Ken [signature]	12/14/2022		YES / NO
	FAX:	SAMPLER NAME (PRINT)	DATE	TIME	CORRECT CONTAINER(S)
		Ken McLean	12/14/2022		YES / NO

PROJECT LOCATION: Riis Houses Building # 14

SAMPLES RECEIVED AT: 2.3 °C

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

LABORATORY ID # For Laboratory Use Only	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	tEMPERATURE	TC/EC	HPC	ARSENIC	# OF CONTAINERS
1. 1	DW	G	7	0.2	1,5,6	12/14/22	9:23	[redacted] Kitchen Sink		A	x	x	x	3
2. 2	↓	↓	7	0.2	↓	↓	9:31	[redacted] Kitchen Sink		A	↓	↓	↓	↓
3. 3	↓	↓	7	0.2	↓	↓	9:35	[redacted] Kitchen Sink		A	↓	↓	↓	↓
4. 4	↓	↓	7	0.2	↓	↓	9:42	[redacted] Kitchen Sink		A	↓	↓	↓	↓
5.														
6.														
7.														
8.														
9.														
10.														
11.														
12.														
13.														
14.														

Sample Preserved w/HNO3 By: Client ezpH

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; 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) H_2SO_4; (4) NAOH; (5) $NA_2S_3O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☐ NORMAL ☑ STAT BY / /

COMMENTS / INSTRUCTIONS: 3 day TAT

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE / TIME	PRINTED NAME
[signature]	DATE 12/14/2022 TIME 1:50	Ben Morse		DATE TIME	
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE 12/14/22 TIME 1530	PRINTED NAME [signature]

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# 2121418

December 19, 2022

Liro Engineers, Inc.
Michael Byrnes
235 East Jericho Tpk
Mineola, NY 11501

Re: Riis Houses Building #15

Dear Michael Byrnes,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on December 14, 2022. Long Island Analytical laboratories analyzed the samples on December 16, 2022 for the following:

SAMPLE ID	ANALYSIS
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform

Samples received at 2.3 C

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 D. Veraldi
Laboratory Technical Director

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #15
Date (Time) Collected: 12/14/2022 09:54	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:37	Laboratory ID: 2121418-01
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #15
Date (Time) Collected: 12/14/2022 09:54	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:37	Laboratory ID: 2121418-01
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	59.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 09:54	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #15
Date (Time) Collected: 12/14/2022 10:02	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:37	Laboratory ID: 2121418-02
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #15
Date (Time) Collected: 12/14/2022 10:02	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:37	Laboratory ID: 2121418-02
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	74.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 10:02	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #15
Date (Time) Collected: 12/14/2022 10:09	Sample ID [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:37	Laboratory ID: 2121418-03
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #15
Date (Time) Collected: 12/14/2022 10:09	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:37	Laboratory ID: 2121418-03
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	8.00	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 10:09	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #15
Date (Time) Collected: 12/14/2022 10:15	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:37	Laboratory ID: 2121418-04
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #15
Date (Time) Collected: 12/14/2022 10:15	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:37	Laboratory ID: 2121418-04
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	4.00	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 10:15	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Data Qualifiers Key Reference:

MDL Minimum Detection Limit

LOQ Limit of Quantitation

H Holding Time Exceeded

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741 • Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Liro	CONTACT: Hal Stillway	SAMPLER (SIGNATURE): [signature] DATE: 12/14/2022 TIME:	SAMPLE(S) SEALED: ☐ YES / NO ☐
	PHONE: 631-603-8619	SAMPLER NAME (PRINT): Ken McLean DATE: 12/14/2022 TIME:	CORRECT CONTAINER(S): ☐ YES / NO ☐
	FAX:		

L. 2121418 (FC ...)

PROJECT LOCATION: Riis Houses Building # 15

SAMPLES RECEIVED AT: 2.3 °C

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

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	tEMPERATURE	TC/EC	HPC	ARSENIC	# OF CONTAINERS
1. 1	DW	G	7	0.2	1,5,6	12/14/22	9:54	[redacted] Kitchen Sink		19	x	x	x	3
2. 2	↓	↓	7	0.2	↓	↓	10:02	[redacted] Kitchen Sink		19	↓	↓	↓	↓
3. 3	↓	↓	7	0.2	↓	↓	10:09	[redacted] Kitchen Sink		19	↓	↓	↓	↓
4. 4	↓	↓	7	0.2	↓	↓	10:15	[redacted] Kitchen Sink		19	↓	↓	↓	↓
5.														
6.														
7.														
8.														
9.														
10.														
11.														
12.														
13.														
14.														

Sample Preserved w/HNO3
By: Client ZZ pH

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; 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) H_2SO_4; (4) NAOH; (5) $NA_2S_3O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☐ NORMAL ☑ STAT BY / /

COMMENTS / INSTRUCTIONS: 3 day TAT

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE / TIME	PRINTED NAME
[signature]	DATE 12/14/2022 TIME 1:50 pm	Bex Morse		DATE TIME	
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE 12/14/22 TIME 1540	PRINTED NAME Ray Rivera

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# 2121419

December 19, 2022

Liro Engineers, Inc.
Michael Byrnes
235 East Jericho Tpk
Mineola, NY 11501

Re: Riis Houses Building #18

Dear Michael Byrnes,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on December 14, 2022. Long Island Analytical laboratories analyzed the samples on December 16, 2022 for the following:

SAMPLE ID	ANALYSIS
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform

Samples received at 2.3 C

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 D. Veraldi
Laboratory Technical Director

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #18
Date (Time) Collected: 12/14/2022 10:27	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:41	Laboratory ID: 2121419-01
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #18
Date (Time) Collected: 12/14/2022 10:27	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:41	Laboratory ID: 2121419-01
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	12.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 10:27	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #18
Date (Time) Collected: 12/14/2022 10:33	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:41	Laboratory ID: 2121419-02
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #18
Date (Time) Collected: 12/14/2022 10:33	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:41	Laboratory ID: 2121419-02
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	19.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 10:33	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #18
Date (Time) Collected: 12/14/2022 10:41	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:41	Laboratory ID: 2121419-03
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #18
Date (Time) Collected: 12/14/2022 10:41	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:41	Laboratory ID: 2121419-03
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	21.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 10:41	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #18
Date (Time) Collected: 12/14/2022 10:45	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:41	Laboratory ID: 2121419-04
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #18
Date (Time) Collected: 12/14/2022 10:45	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:41	Laboratory ID: 2121419-04
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	93.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 10:45	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Data Qualifiers Key Reference:

MDL Minimum Detection Limit

LOQ Limit of Quantitation

H Holding Time Exceeded

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Liro

CONTACT: Hal Stillway
PHONE: 631-603-8619
FAX:

SAMPLER (SIGNATURE): Ken M DATE: 12/14/2022 TIME:
SAMPLER NAME (PRINT): Ken McLean DATE: 12/14/2022 TIME:

SAMPLE(S) SEALED: YES / NO
CORRECT CONTAINER(S): YES / NO

2121419

PROJECT LOCATION: Riis Houses Building # 18

SAMPLES RECEIVED AT: 2.3 °C

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

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	TEMPERATURE		TC/EC	HPC	ARSENIC							# OF CONTAINERS
1. 1	DW	G	7	0.2	1,5,6	12/14/22	10:27	[redacted] Kitchen Sink		4		x	x	x							3
2. 2	↓	↓	7	0.2	↓	↓	10:33	[redacted] Kitchen Sink		4		↓	↓	↓							↓
3. 3	↓	↓	7	0.2	↓	↓	10:41	[redacted] Kitchen Sink		4		↓	↓	↓							↓
4. 4	↓	↓	7	0.2	↓	↓	10:45	[redacted] Kitchen Sink		4		↓	↓	↓							↓
5.																					
6.																					
7.																					
8.																					
9.																					
10.																					
11.																					
12.																					
13.																					
14.																					

Sample Preserved w/HNO3 By: Cl, Z, 14, 2pH

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; 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) H_2SO_4; (4) NAOH; (5) $NA_2S_2O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☐ NORMAL ☑ STAT
BY / /

COMMENTS / INSTRUCTIONS
Sample 1 taken with filter on
3 day TAT
Sample 3 taken with filter on

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE / TIME	PRINTED NAME
Ben Morse	DATE 12/14/2022 TIME 1:51	Ben Morse		DATE TIME	
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE / TIME	PRINTED NAME
	DATE TIME			DATE 12/14/22 TIME 1540	Pete Rivera

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# 2121420

December 19, 2022

Liro Engineers, Inc.
Michael Byrnes
235 East Jericho Tpk
Mineola, NY 11501

Re: Riis Houses Building #19

Dear Michael Byrnes,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on December 14, 2022. Long Island Analytical laboratories analyzed the samples on December 16, 2022 for the following:

SAMPLE ID	ANALYSIS
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform
[redacted] Kitchen Sink	Arsenic, E. Coli, Heterotrophic Plate Count, Total Chlorine by Sampler, Total Coliform

Samples received at 2.3 C

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 D. Veraldi
Laboratory Technical Director

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #19
Date (Time) Collected: 12/14/2022 11:01	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:46	Laboratory ID: 2121420-01
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #19
Date (Time) Collected: 12/14/2022 11:01	Sample ID [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:46	Laboratory ID: 2121420-01
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	71.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 11:01	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #19
Date (Time) Collected: 12/14/2022 11:08	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:46	Laboratory ID: 2121420-02
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #19
Date (Time) Collected: 12/14/2022 11:08	Sample ID [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:46	Laboratory ID: 2121420-02
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	21.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 11:08	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #19
Date (Time) Collected: 12/14/2022 11:15	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:46	Laboratory ID: 2121420-03
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #19
Date (Time) Collected: 12/14/2022 11:15	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:46	Laboratory ID: 2121420-03
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	40.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 11:15	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #19
Date (Time) Collected: 12/14/2022 11:21	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:46	Laboratory ID: 2121420-04
Matrix: Potable Water	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	12/16/2022	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 12/16/2022

Preparation Method: DW-N/A

Client: Liro Engineers, Inc.	Client ID: Riis Houses Building #19
Date (Time) Collected: 12/14/2022 11:21	Sample ID: [redacted] Kitchen Sink
Date (Time) Received: 12/14/2022 15:46	Laboratory ID: 2121420-04
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	12/14/2022 17:00	Colisure	NA	Absent		
Total Coliforms	12/14/2022 17:00	Colisure	NA	Negative		

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Heterotrophic Plate Count	12/14/2022 15:38	SimPlate	2.00	15.0	MPN/mL	

Date Prepared: 12/14/2022 Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	12/14/2022 11:21	Total Residual Chlorine by Sampler	0.100	0.200	mg/L	

Date Prepared: 12/14/2022 Preparation Method: No Preparation

Data Qualifiers Key Reference:

MDL Minimum Detection Limit

LOQ Limit of Quantitation

H Holding Time Exceeded

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Liro

CONTACT: Hal Stillway
PHONE: 631-603-8619
FAX:

SAMPLER (SIGNATURE): [signature] DATE: 12/14/2022 TIME:
SAMPLER NAME (PRINT): Ken McLean DATE: 12/14/2022 TIME:

SAMPLE(S) SEALED: YES / NO
CORRECT CONTAINER(S): YES / NO

2121420

PROJECT LOCATION: Riis Houses Building # 19

SAMPLES RECEIVED AT: 2.3 °C

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

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	tEMPERATURE	TC/EC	HPC	ARSENIC	# OF CONTAINERS
1. 1	DW	G	7	0.2	1,5,6	12/14/22	11:01	[redacted] Kitchen Sink		14	x	x	x	3
2. 2	↓	↓	7	0.2	↓	↓	11:08	[redacted] Kitchen Sink		14	↓	↓	↓	↓
3. 3	↓	↓	7	0.2	↓	↓	11:15	[redacted] Kitchen Sink		14	↓	↓	↓	↓
4. 4	↓	↓	7	0.2	↓	↓	11:21	[redacted] Kitchen Sink		14	↓	↓	↓	↓
5.														
6.														
7.														
8.														
9.														
10.														
11.														
12.														
13.														
14.														

Sample Preserved w/HNO3 By: client 22pH

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; 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) H_2SO_4; (4) NAOH; (5) $NA_2S_3O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☐ NORMAL ☑ STAT
BY / /

COMMENTS / INSTRUCTIONS: 3 day TAT

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE / TIME	PRINTED NAME
[signature]	DATE 12/14/2022 TIME 1:51	Ben Moise		DATE TIME	
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE 12/14/22 TIME 1545	PRINTED NAME Rey Rivera

WHITE - OFFICE / CANARY - LAB / PINK - SAMPLE CUSTODIAN / GOLDENROD - CLIENT