



**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# 8073027

August 01, 2018

Roosevelt Island Operation Corporation
Tamara Andreatta
680 Main St
New York, NY 10044

Re: Roosevelt Island

Dear Tamara Andreatta,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on July 30, 2018. Long Island Analytical laboratories analyzed the samples on August 01, 2018 for the following:

SAMPLE ID	ANALYSIS
680 - Pantry	Certificate of Occupancy (Well), EPA 524.2
591 - Kitchen Sink	Certificate of Occupancy (Well), EPA 524.2
Capobianco - Norton Park	Certificate of Occupancy (Well), EPA 524.2
Capobianco Field	Certificate of Occupancy (Well), EPA 524.2
Blackwell Park Sprinkler Left	Certificate of Occupancy (Well), EPA 524.2
Blackwell Park Sprinkler Right	Certificate of Occupancy (Well), EPA 524.2
Blackwell Park Water Fountain	Certificate of Occupancy (Well), EPA 524.2
Fire Fighter Field	Certificate of Occupancy (Well), EPA 524.2
South Point Park	Certificate of Occupancy (Well), EPA 524.2
Lighthouse Park West	Certificate of Occupancy (Well), EPA 524.2
Lighthouse Park East	Certificate of Occupancy (Well), EPA 524.2

Samples received at 1.1 ° C

- 1.C Holding time exceeded, analyze immediate parameter.
5.N Instrument Blank Values greater than 10% LOQ

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

Best Regards,



Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"

110 Colin Drive • Holbrook, New York 11741

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

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:02	Sample ID: 680 - Pantry
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-01
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethylene	75-35-4	0.50	<0.50	ug/L	
1,1-Dichloropropylene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	<0.50	ug/L	
Bromodichloromethane	75-27-4	0.50	<0.50	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
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Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-01
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	<0.50	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethylene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropylene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	<0.50	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	
Methylene Chloride	75-09-2	0.50	<0.50	ug/L	
Methyl-tert-Butyl Ether	1634-04-4	0.50	<0.50	ug/L	
Naphthalene	91-20-3	0.50	<0.50	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethylene	127-18-4	0.50	<0.50	ug/L	
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethylene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropylene	10061-02-6	0.50	<0.50	ug/L	
Trichloroethylene	79-01-6	0.50	<0.50	ug/L	



Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:02	Sample ID: 680 - Pantry
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-01
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	97	70-130	
4-Bromofluorobenzene	460-00-4	96	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	85	50-200	

Date Prepared: 07/31/2018

Preparation Method: EPA 524.2

Date Analyzed: 07/31/2018

Analytical Method: EPA 524.2

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
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Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-01
Matrix: Potable Water	ELAP: #11693

Total Low Level Metals Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Lead	08/01/2018	EPA 200.5	0.720	<0.720	ug/L	4.B, 4.C

Date Prepared: 07/31/2018

Preparation Method: EPA 200.5

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Cadmium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.0002	<0.0002	mg/L	4.B
Calcium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.047	5.046	mg/L	
Chromium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	<0.007	mg/L	4.B
Copper	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.001	0.080	mg/L	
Iron	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.037	<0.037	mg/L	4.B
Magnesium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.051	1.053	mg/L	
Manganese	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	<0.007	mg/L	4.B
Zinc	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.006	<0.006	mg/L	4.B

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	07/31/2018	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

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Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-01
Matrix: Potable Water	ELAP: #11693

Ion Chromatography Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Chloride	08/01/2018 02:16	EPA 300.0 Rev. 2.1(1993)	1.50	12.9	mg/L	3.E

Date Prepared: 08/01/2018

Preparation Method: IC PW Prep

Low Level Ion Chromatography Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Nitrate as N	07/31/2018 13:37	EPA 300.0 Rev. 2.1(1993)	0.006	0.163	mg/L	

Date Prepared: 07/31/2018

Preparation Method: IC PW Prep



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Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-01
Matrix: Potable Water	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Specific Conductance	07/31/2018 09:48	EPA 120.1 (Rev. 1982)	2.0	94.0	umhos/cm	

Date Prepared: 07/31/2018

Preparation Method: No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
pH	07/31/2018 09:44	SM 18-21 4500-H B (00)	NA	7.00	units	1.C, 2.B
Temperature @ pH in C	07/31/2018 09:44	SM 18-21 4500-H B (00)	NA	25.00	units	1.C, 2.B

Date Prepared: 07/31/2018

Preparation Method: pH- No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Methylene Blue Active Substances	07/31/2018 17:40	SM 18-22 5540C (-00)	0.10	<0.10	mg/L LAS @ M.W. 340	

Date Prepared: 07/31/2018

Preparation Method: SM5540 C

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Ammonia as N	07/31/2018 12:50	SM4500-NH3C	1.00	<1.00	mg/L	2.B

Date Prepared: 07/31/2018

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

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Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-01
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	07/30/2018 15:36	Colisure	NA	Absent		
Total Coliforms	07/30/2018 15:36	Colisure	NA	Negative		

Date Prepared: 07/30/2018

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	07/30/2018 13:02	Total Residual Chlorine by Sampler	0.020	<0.020	mg/L	2.0

Date Prepared: 07/30/2018

Preparation Method: No Preparation

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:44	Sample ID: 591 - Kitchen Sink
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-02
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethylene	75-35-4	0.50	<0.50	ug/L	
1,1-Dichloropropylene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	<0.50	ug/L	
Bromodichloromethane	75-27-4	0.50	7.30	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:44	Sample ID: 591 - Kitchen Sink
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-02
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	77.7	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethylene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropylene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	<0.50	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	
Methylene Chloride	75-09-2	0.50	<0.50	ug/L	
Methyl-tert-Butyl Ether	1634-04-4	0.50	<0.50	ug/L	
Naphthalene	91-20-3	0.50	<0.50	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethylene	127-18-4	0.50	<0.50	ug/L	
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethylene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropylene	10061-02-6	0.50	<0.50	ug/L	
Trichloroethylene	79-01-6	0.50	<0.50	ug/L	

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Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-02
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	101	70-130	
4-Bromofluorobenzene	460-00-4	96	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	82	50-200	

Date Prepared: 07/31/2018

Preparation Method: EPA 524.2

Date Analyzed: 07/31/2018

Analytical Method: EPA 524.2

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:44	Sample ID: 591 - Kitchen Sink
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-02
Matrix: Potable Water	ELAP: #11693

Total Low Level Metals Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Lead	08/01/2018	EPA 200.5	0.720	0.794	ug/L	4.B

Date Prepared: 07/31/2018

Preparation Method: EPA 200.5

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Cadmium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.0002	<0.0002	mg/L	4.B
Calcium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.047	5.638	mg/L	
Chromium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	<0.007	mg/L	4.B
Copper	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.001	0.017	mg/L	4.B
Iron	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.037	<0.037	mg/L	4.B
Magnesium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.051	1.165	mg/L	
Manganese	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	0.012	mg/L	
Zinc	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.006	<0.006	mg/L	4.B

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	07/31/2018	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:44	Sample ID: 591 - Kitchen Sink
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-02
Matrix: Potable Water	ELAP: #11693

Ion Chromatography Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Chloride	08/01/2018 02:39	EPA 300.0 Rev. 2.1(1993)	1.50	12.7	mg/L	3.E

Date Prepared: 08/01/2018

Preparation Method: IC PW Prep

Low Level Ion Chromatography Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Nitrate as N	07/31/2018 14:00	EPA 300.0 Rev. 2.1(1993)	0.006	0.139	mg/L	

Date Prepared: 07/31/2018

Preparation Method: IC PW Prep



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Matrix: Potable Water	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Specific Conductance	07/31/2018 09:48	EPA 120.1 (Rev. 1982)	2.0	95.2	umhos/cm	

Date Prepared: 07/31/2018

Preparation Method: No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
pH	07/31/2018 09:45	SM 18-21 4500-H B (00)	NA	7.46	units	1.C, 2.B
Temperature @ pH in C	07/31/2018 09:45	SM 18-21 4500-H B (00)	NA	25.10	units	1.C, 2.B

Date Prepared: 07/31/2018

Preparation Method: pH- No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Methylene Blue Active Substances	07/31/2018 17:40	SM 18-22 5540C (-00)	0.10	<0.10	mg/L LAS @ M.W. 340	

Date Prepared: 07/31/2018

Preparation Method: SM5540 C

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Ammonia as N	07/31/2018 12:50	SM4500-NH3C	1.00	<1.00	mg/L	2.B

Date Prepared: 07/31/2018

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



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Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	07/30/2018 15:36	Colisure	NA	Absent		
Total Coliforms	07/30/2018 15:36	Colisure	NA	Negative		

Date Prepared: 07/30/2018

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	07/30/2018 13:44	Total Residual Chlorine by Sampler	0.020	0.40	mg/L	2.0

Date Prepared: 07/30/2018

Preparation Method: No Preparation

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:14	Sample ID: Capobianco - Norton Park
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-03
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethylene	75-35-4	0.50	<0.50	ug/L	
1,1-Dichloropropylene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	0.53	ug/L	
Bromodichloromethane	75-27-4	0.50	3.63	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:14	Sample ID: Capobianco - Norton Park
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-03
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	56.4	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethylene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropylene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	<0.50	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	
Methylene Chloride	75-09-2	0.50	21.6	ug/L	5.E
Methyl-tert-Butyl Ether	1634-04-4	0.50	<0.50	ug/L	
Naphthalene	91-20-3	0.50	<0.50	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethylene	127-18-4	0.50	<0.50	ug/L	
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethylene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropylene	10061-02-6	0.50	<0.50	ug/L	
Trichloroethylene	79-01-6	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:14	Sample ID: Capobianco - Norton Park
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-03
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	100	70-130	
4-Bromofluorobenzene	460-00-4	94	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	82	50-200	

Date Prepared: 07/31/2018

Preparation Method: EPA 524.2

Date Analyzed: 07/31/2018

Analytical Method: EPA 524.2

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:14	Sample ID: Capobianco - Norton Park
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-03
Matrix: Potable Water	ELAP: #11693

Total Low Level Metals Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Lead	08/01/2018	EPA 200.5	0.720	0.916	ug/L	4.B

Date Prepared: 07/31/2018

Preparation Method: EPA 200.5

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Cadmium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.0002	<0.0002	mg/L	4.B
Calcium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.047	7.456	mg/L	
Chromium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	<0.007	mg/L	4.B
Copper	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.001	0.031	mg/L	
Iron	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.037	0.091	mg/L	
Magnesium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.051	1.255	mg/L	
Manganese	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	<0.007	mg/L	4.B
Zinc	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.006	0.626	mg/L	

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	08/01/2018	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:14	Sample ID: Capobianco - Norton Park
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-03
Matrix: Potable Water	ELAP: #11693

Ion Chromatography Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Chloride	08/01/2018 03:01	EPA 300.0 Rev. 2.1(1993)	1.50	14.2	mg/L	3.E

Date Prepared: 08/01/2018

Preparation Method: IC PW Prep

Low Level Ion Chromatography Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Nitrate as N	07/31/2018 15:09	EPA 300.0 Rev. 2.1(1993)	0.006	0.038	mg/L	

Date Prepared: 07/31/2018

Preparation Method: IC PW Prep

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:14	Sample ID: Capobianco - Norton Park
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-03
Matrix: Potable Water	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Specific Conductance	07/31/2018 09:48	EPA 120.1 (Rev. 1982)	2.0	109.9	umhos/cm	

Date Prepared: 07/31/2018

Preparation Method: No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
pH	07/31/2018 09:48	SM 18-21 4500-H B (00)	NA	8.53	units	1.C, 2.B
Temperature @ pH in C	07/31/2018 09:48	SM 18-21 4500-H B (00)	NA	25.00	units	1.C, 2.B

Date Prepared: 07/31/2018

Preparation Method: pH- No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Methylene Blue Active Substances	07/31/2018 17:40	SM 18-22 5540C (-00)	0.10	<0.10	mg/L LAS @ M.W. 340	

Date Prepared: 07/31/2018

Preparation Method: SM5540 C

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Ammonia as N	07/31/2018 12:50	SM4500-NH3C	1.00	<1.00	mg/L	2.B

Date Prepared: 07/31/2018

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

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:14	Sample ID: Capobianco - Norton Park
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-03
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	07/30/2018 15:36	Colisure	NA	Absent		
Total Coliforms	07/30/2018 15:36	Colisure	NA	Negative		

Date Prepared: 07/30/2018

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	07/30/2018 13:14	Total Residual Chlorine by Sampler	0.020	<0.020	mg/L	2.0

Date Prepared: 07/30/2018

Preparation Method: No Preparation

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:25	Sample ID: Capobianco Field
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-04
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethylene	75-35-4	0.50	<0.50	ug/L	
1,1-Dichloropropylene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	3.49	ug/L	
Bromodichloromethane	75-27-4	0.50	<0.50	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:25	Sample ID: Capobianco Field
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-04
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	24.9	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethylene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropylene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	<0.50	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	
Methylene Chloride	75-09-2	0.50	153	ug/L	5.E
Methyl-tert-Butyl Ether	1634-04-4	0.50	<0.50	ug/L	
Naphthalene	91-20-3	0.50	<0.50	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethylene	127-18-4	0.50	<0.50	ug/L	
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethylene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropylene	10061-02-6	0.50	<0.50	ug/L	
Trichloroethylene	79-01-6	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:25	Sample ID: Capobianco Field
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-04
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	106	70-130	
4-Bromofluorobenzene	460-00-4	100	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	81	50-200	

Date Prepared: 07/31/2018

Preparation Method: EPA 524.2

Date Analyzed: 07/31/2018

Analytical Method: EPA 524.2

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:25	Sample ID: Capobianco Field
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-04
Matrix: Potable Water	ELAP: #11693

Total Low Level Metals Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Lead	08/01/2018	EPA 200.5	0.720	6.74	ug/L	4.B

Date Prepared: 07/31/2018

Preparation Method: EPA 200.5

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Cadmium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.0002	0.001	mg/L	4.B, 4.C
Calcium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.047	14.05	mg/L	
Chromium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	<0.007	mg/L	4.B
Copper	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.001	0.079	mg/L	
Iron	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.037	0.465	mg/L	5.E
Magnesium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.051	1.165	mg/L	
Manganese	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	0.051	mg/L	
Zinc	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.006	0.411	mg/L	4.C

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	08/01/2018	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:25	Sample ID: Capobianco Field
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-04
Matrix: Potable Water	ELAP: #11693

Ion Chromatography Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Chloride	08/01/2018 03:24	EPA 300.0 Rev. 2.1(1993)	2.50	23.1	mg/L	3.E

Date Prepared: 08/01/2018

Preparation Method: IC PW Prep

Low Level Ion Chromatography Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Nitrate as N	07/31/2018 15:32	EPA 300.0 Rev. 2.1(1993)	0.006	0.037	mg/L	

Date Prepared: 07/31/2018

Preparation Method: IC PW Prep

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:25	Sample ID: Capobianco Field
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-04
Matrix: Potable Water	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Specific Conductance	07/31/2018 09:48	EPA 120.1 (Rev. 1982)	2.0	204.0	umhos/cm	

Date Prepared: 07/31/2018

Preparation Method: No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
pH	07/31/2018 09:50	SM 18-21 4500-H B (00)	NA	8.80	units	1.C, 2.B
Temperature @ pH in C	07/31/2018 09:50	SM 18-21 4500-H B (00)	NA	24.90	units	1.C, 2.B

Date Prepared: 07/31/2018

Preparation Method: pH- No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Methylene Blue Active Substances	07/31/2018 17:40	SM 18-22 5540C (-00)	0.10	<0.10	mg/L LAS @ M.W. 340	

Date Prepared: 07/31/2018

Preparation Method: SM5540 C

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Ammonia as N	07/31/2018 12:50	SM4500-NH3C	1.00	<1.00	mg/L	2.B

Date Prepared: 07/31/2018

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

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 13:25	Sample ID: Capobianco Field
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-04
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	07/30/2018 15:36	Colisure	NA	Absent		
Total Coliforms	07/30/2018 15:36	Colisure	NA	Negative		

Date Prepared: 07/30/2018

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	07/30/2018 13:25	Total Residual Chlorine by Sampler	0.020	<0.020	mg/L	2.0

Date Prepared: 07/30/2018

Preparation Method: No Preparation

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:02	Sample ID: Blackwell Park Sprinkler Left
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-05
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethylene	75-35-4	0.50	<0.50	ug/L	
1,1-Dichloropropylene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	<0.50	ug/L	
Bromodichloromethane	75-27-4	0.50	4.57	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:02	Sample ID: Blackwell Park Sprinkler Left
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-05
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	42.7	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethylene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropylene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	<0.50	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	
Methylene Chloride	75-09-2	0.50	<0.50	ug/L	
Methyl-tert-Butyl Ether	1634-04-4	0.50	<0.50	ug/L	
Naphthalene	91-20-3	0.50	<0.50	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethylene	127-18-4	0.50	<0.50	ug/L	
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethylene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropylene	10061-02-6	0.50	<0.50	ug/L	
Trichloroethylene	79-01-6	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:02	Sample ID: Blackwell Park Sprinkler Left
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-05
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	104	70-130	
4-Bromofluorobenzene	460-00-4	101	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	79	50-200	

Date Prepared: 07/31/2018

Preparation Method: EPA 524.2

Date Analyzed: 07/31/2018

Analytical Method: EPA 524.2

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:02	Sample ID: Blackwell Park Sprinkler Left
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-05
Matrix: Potable Water	ELAP: #11693

Total Low Level Metals Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Lead	08/01/2018	EPA 200.5	0.720	3.28	ug/L	4.B

Date Prepared: 07/31/2018

Preparation Method: EPA 200.5

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Cadmium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.0002	<0.0002	mg/L	4.B
Calcium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.047	5.356	mg/L	
Chromium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	<0.007	mg/L	4.B
Copper	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.001	0.008	mg/L	4.B
Iron	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.037	0.116	mg/L	
Magnesium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.051	1.100	mg/L	
Manganese	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	0.031	mg/L	
Zinc	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.006	<0.006	mg/L	4.B

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	07/31/2018	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:02	Sample ID: Blackwell Park Sprinkler Left
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-05
Matrix: Potable Water	ELAP: #11693

Ion Chromatography Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Chloride	08/01/2018 03:47	EPA 300.0 Rev. 2.1(1993)	1.50	12.8	mg/L	3.E

Date Prepared: 08/01/2018

Preparation Method: IC PW Prep

Low Level Ion Chromatography Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Nitrate as N	07/31/2018 15:55	EPA 300.0 Rev. 2.1(1993)	0.006	0.175	mg/L	

Date Prepared: 07/31/2018

Preparation Method: IC PW Prep

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:02	Sample ID: Blackwell Park Sprinkler Left
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-05
Matrix: Potable Water	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Specific Conductance	07/31/2018 09:48	EPA 120.1 (Rev. 1982)	2.0	95.6	umhos/cm	

Date Prepared: 07/31/2018

Preparation Method: No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
pH	07/31/2018 09:51	SM 18-21 4500-H B (00)	NA	7.71	units	1.C, 2.B
Temperature @ pH in C	07/31/2018 09:51	SM 18-21 4500-H B (00)	NA	24.90	units	1.C, 2.B

Date Prepared: 07/31/2018

Preparation Method: pH- No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Methylene Blue Active Substances	07/31/2018 17:40	SM 18-22 5540C (-00)	0.10	<0.10	mg/L LAS @ M.W. 340	

Date Prepared: 07/31/2018

Preparation Method: SM5540 C

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Ammonia as N	07/31/2018 12:50	SM4500-NH3C	1.00	<1.00	mg/L	2.B

Date Prepared: 07/31/2018

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



Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:02	Sample ID: Blackwell Park Sprinkler Left
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-05
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	07/30/2018 15:36	Colisure	NA	Absent		
Total Coliforms	07/30/2018 15:36	Colisure	NA	Negative		

Date Prepared: 07/30/2018

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	07/30/2018 14:02	Total Residual Chlorine by Sampler	0.020	0.20	mg/L	2.0

Date Prepared: 07/30/2018

Preparation Method: No Preparation

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:05	Sample ID: Blackwell Park Sprinkler Right
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-06
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethylene	75-35-4	0.50	<0.50	ug/L	
1,1-Dichloropropylene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	<0.50	ug/L	
Bromodichloromethane	75-27-4	0.50	5.10	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:05	Sample ID: Blackwell Park Sprinkler Right
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-06
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	48.5	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethylene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropylene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	<0.50	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	
Methylene Chloride	75-09-2	0.50	<0.50	ug/L	
Methyl-tert-Butyl Ether	1634-04-4	0.50	<0.50	ug/L	
Naphthalene	91-20-3	0.50	<0.50	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethylene	127-18-4	0.50	<0.50	ug/L	
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethylene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropylene	10061-02-6	0.50	<0.50	ug/L	
Trichloroethylene	79-01-6	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:05	Sample ID: Blackwell Park Sprinkler Right
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-06
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	105	70-130	
4-Bromofluorobenzene	460-00-4	102	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	78	50-200	

Date Prepared: 07/31/2018

Preparation Method: EPA 524.2

Date Analyzed: 07/31/2018

Analytical Method: EPA 524.2

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:05	Sample ID: Blackwell Park Sprinkler Right
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-06
Matrix: Potable Water	ELAP: #11693

Total Low Level Metals Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Lead	08/01/2018	EPA 200.5	0.720	<0.720	ug/L	4.B

Date Prepared: 07/31/2018

Preparation Method: EPA 200.5

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Cadmium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.0002	<0.0002	mg/L	4.B
Calcium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.047	5.330	mg/L	
Chromium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	<0.007	mg/L	4.B
Copper	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.001	0.002	mg/L	4.B
Iron	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.037	<0.037	mg/L	4.B
Magnesium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.051	1.093	mg/L	
Manganese	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	0.012	mg/L	
Zinc	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.006	<0.006	mg/L	4.B

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	07/31/2018	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:05	Sample ID: Blackwell Park Sprinkler Right
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-06
Matrix: Potable Water	ELAP: #11693

Ion Chromatography Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Chloride	08/01/2018 04:56	EPA 300.0 Rev. 2.1(1993)	1.50	12.9	mg/L	3.E

Date Prepared: 08/01/2018

Preparation Method: IC PW Prep

Low Level Ion Chromatography Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Nitrate as N	07/31/2018 16:18	EPA 300.0 Rev. 2.1(1993)	0.006	0.144	mg/L	

Date Prepared: 07/31/2018

Preparation Method: IC PW Prep

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:05	Sample ID: Blackwell Park Sprinkler Right
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-06
Matrix: Potable Water	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Specific Conductance	07/31/2018 09:48	EPA 120.1 (Rev. 1982)	2.0	95.5	umhos/cm	

Date Prepared: 07/31/2018

Preparation Method: No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
pH	07/31/2018 09:53	SM 18-21 4500-H B (00)	NA	7.61	units	1.C, 2.B
Temperature @ pH in C	07/31/2018 09:53	SM 18-21 4500-H B (00)	NA	24.90	units	1.C, 2.B

Date Prepared: 07/31/2018

Preparation Method: pH- No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Methylene Blue Active Substances	07/31/2018 17:40	SM 18-22 5540C (-00)	0.10	<0.10	mg/L LAS @ M.W. 340	

Date Prepared: 07/31/2018

Preparation Method: SM5540 C

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Ammonia as N	07/31/2018 12:50	SM4500-NH3C	1.00	<1.00	mg/L	2.B

Date Prepared: 07/31/2018

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

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:05	Sample ID: Blackwell Park Sprinkler Right
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-06
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	07/30/2018 15:36	Colisure	NA	Absent		
Total Coliforms	07/30/2018 15:36	Colisure	NA	Negative		

Date Prepared: 07/30/2018

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	07/30/2018 14:05	Total Residual Chlorine by Sampler	0.020	0.20	mg/L	2.0

Date Prepared: 07/30/2018

Preparation Method: No Preparation

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:13	Sample ID: Blackwell Park Water Fountain
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-07
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethylene	75-35-4	0.50	<0.50	ug/L	
1,1-Dichloropropylene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	<0.50	ug/L	
Bromodichloromethane	75-27-4	0.50	6.38	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:13	Sample ID: Blackwell Park Water Fountain
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-07
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	68.9	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethylene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropylene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	<0.50	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	
Methylene Chloride	75-09-2	0.50	<0.50	ug/L	
Methyl-tert-Butyl Ether	1634-04-4	0.50	<0.50	ug/L	
Naphthalene	91-20-3	0.50	<0.50	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethylene	127-18-4	0.50	<0.50	ug/L	
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethylene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropylene	10061-02-6	0.50	<0.50	ug/L	
Trichloroethylene	79-01-6	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:13	Sample ID: Blackwell Park Water Fountain
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-07
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	105	70-130	
4-Bromofluorobenzene	460-00-4	97	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	78	50-200	

Date Prepared: 07/31/2018

Preparation Method: EPA 524.2

Date Analyzed: 07/31/2018

Analytical Method: EPA 524.2

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:13	Sample ID: Blackwell Park Water Fountain
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-07
Matrix: Potable Water	ELAP: #11693

Total Low Level Metals Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Lead	08/01/2018	EPA 200.5	0.720	1.10	ug/L	4.B

Date Prepared: 07/31/2018

Preparation Method: EPA 200.5

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Cadmium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.0002	<0.0002	mg/L	4.B
Calcium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.047	5.292	mg/L	
Chromium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	<0.007	mg/L	4.B
Copper	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.001	0.038	mg/L	
Iron	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.037	0.235	mg/L	
Magnesium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.051	1.101	mg/L	
Manganese	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	<0.007	mg/L	4.B
Zinc	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.006	0.017	mg/L	4.B

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	07/31/2018	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:13	Sample ID: Blackwell Park Water Fountain
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-07
Matrix: Potable Water	ELAP: #11693

Ion Chromatography Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Chloride	08/01/2018 05:18	EPA 300.0 Rev. 2.1(1993)	1.00	12.5	mg/L	3.E

Date Prepared: 08/01/2018

Preparation Method: IC PW Prep

Low Level Ion Chromatography Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Nitrate as N	07/31/2018 16:41	EPA 300.0 Rev. 2.1(1993)	0.006	0.154	mg/L	

Date Prepared: 07/31/2018

Preparation Method: IC PW Prep



Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:13	Sample ID: Blackwell Park Water Fountain
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-07
Matrix: Potable Water	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Specific Conductance	07/31/2018 09:48	EPA 120.1 (Rev. 1982)	2.0	95.1	umhos/cm	

Date Prepared: 07/31/2018

Preparation Method: No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
pH	07/31/2018 09:54	SM 18-21 4500-H B (00)	NA	7.41	units	1.C, 2.B
Temperature @ pH in C	07/31/2018 09:54	SM 18-21 4500-H B (00)	NA	24.90	units	1.C, 2.B

Date Prepared: 07/31/2018

Preparation Method: pH- No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Methylene Blue Active Substances	07/31/2018 17:40	SM 18-22 5540C (-00)	0.10	<0.10	mg/L LAS @ M.W. 340	

Date Prepared: 07/31/2018

Preparation Method: SM5540 C

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Ammonia as N	07/31/2018 12:50	SM4500-NH3C	1.00	<1.00	mg/L	2.B

Date Prepared: 07/31/2018

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

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:13	Sample ID: Blackwell Park Water Fountain
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-07
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	07/30/2018 15:36	Colisure	NA	Absent		
Total Coliforms	07/30/2018 15:36	Colisure	NA	Negative		

Date Prepared: 07/30/2018

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	07/30/2018 14:13	Total Residual Chlorine by Sampler	0.020	<0.020	mg/L	2.0

Date Prepared: 07/30/2018

Preparation Method: No Preparation

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:57	Sample ID: Fire Fighter Field
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-08
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethylene	75-35-4	0.50	<0.50	ug/L	
1,1-Dichloropropylene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	<0.50	ug/L	
Bromodichloromethane	75-27-4	0.50	6.89	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:57	Sample ID: Fire Fighter Field
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-08
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	72.7	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethylene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropylene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	0.52	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	
Methylene Chloride	75-09-2	0.50	<0.50	ug/L	
Methyl-tert-Butyl Ether	1634-04-4	0.50	<0.50	ug/L	
Naphthalene	91-20-3	0.50	<0.50	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethylene	127-18-4	0.50	<0.50	ug/L	
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethylene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropylene	10061-02-6	0.50	<0.50	ug/L	
Trichloroethylene	79-01-6	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:57	Sample ID: Fire Fighter Field
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-08
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	101	70-130	
4-Bromofluorobenzene	460-00-4	96	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	79	50-200	

Date Prepared: 07/31/2018

Preparation Method: EPA 524.2

Date Analyzed: 07/31/2018

Analytical Method: EPA 524.2

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:57	Sample ID: Fire Fighter Field
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-08
Matrix: Potable Water	ELAP: #11693

Total Low Level Metals Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Lead	08/01/2018	EPA 200.5	0.720	<0.720	ug/L	4.B

Date Prepared: 07/31/2018

Preparation Method: EPA 200.5

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Cadmium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.0002	<0.0002	mg/L	4.B
Calcium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.047	5.457	mg/L	
Chromium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	<0.007	mg/L	4.B
Copper	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.001	0.024	mg/L	
Iron	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.037	<0.037	mg/L	4.B
Magnesium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.051	1.087	mg/L	
Manganese	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	0.011	mg/L	
Zinc	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.006	0.037	mg/L	4.B

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	07/31/2018	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	5.N

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:57	Sample ID: Fire Fighter Field
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-08
Matrix: Potable Water	ELAP: #11693

Ion Chromatography Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Chloride	08/01/2018 05:41	EPA 300.0 Rev. 2.1(1993)	1.50	12.9	mg/L	3.E

Date Prepared: 08/01/2018

Preparation Method: IC PW Prep

Low Level Ion Chromatography Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Nitrate as N	07/31/2018 17:04	EPA 300.0 Rev. 2.1(1993)	0.006	0.141	mg/L	

Date Prepared: 07/31/2018

Preparation Method: IC PW Prep

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:57	Sample ID: Fire Fighter Field
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-08
Matrix: Potable Water	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Specific Conductance	07/31/2018 09:48	EPA 120.1 (Rev. 1982)	2.0	95.3	umhos/cm	

Date Prepared: 07/31/2018

Preparation Method: No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
pH	07/31/2018 09:55	SM 18-21 4500-H B (00)	NA	7.57	units	1.C, 2.B
Temperature @ pH in C	07/31/2018 09:55	SM 18-21 4500-H B (00)	NA	24.80	units	1.C, 2.B

Date Prepared: 07/31/2018

Preparation Method: pH- No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Methylene Blue Active Substances	07/31/2018 17:40	SM 18-22 5540C (-00)	0.10	<0.10	mg/L LAS @ M.W. 340	

Date Prepared: 07/31/2018

Preparation Method: SM5540 C

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Ammonia as N	07/31/2018 12:50	SM4500-NH3C	1.00	<1.00	mg/L	2.B

Date Prepared: 07/31/2018

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



Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:57	Sample ID: Fire Fighter Field
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-08
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	07/30/2018 15:36	Colisure	NA	Absent		
Total Coliforms	07/30/2018 15:36	Colisure	NA	Negative		

Date Prepared: 07/30/2018

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	07/30/2018 14:57	Total Residual Chlorine by Sampler	0.020	<0.020	mg/L	2.0

Date Prepared: 07/30/2018

Preparation Method: No Preparation

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:40	Sample ID: South Point Park
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-09
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethylene	75-35-4	0.50	<0.50	ug/L	
1,1-Dichloropropylene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	<0.50	ug/L	
Bromodichloromethane	75-27-4	0.50	6.98	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:40	Sample ID: South Point Park
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-09
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	74.2	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethylene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropylene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	<0.50	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	
Methylene Chloride	75-09-2	0.50	<0.50	ug/L	
Methyl-tert-Butyl Ether	1634-04-4	0.50	<0.50	ug/L	
Naphthalene	91-20-3	0.50	<0.50	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethylene	127-18-4	0.50	<0.50	ug/L	
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethylene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropylene	10061-02-6	0.50	<0.50	ug/L	
Trichloroethylene	79-01-6	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:40	Sample ID: South Point Park
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-09
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	98	70-130	
4-Bromofluorobenzene	460-00-4	96	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	77	50-200	

Date Prepared: 07/31/2018

Preparation Method: EPA 524.2

Date Analyzed: 07/31/2018

Analytical Method: EPA 524.2

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:40	Sample ID: South Point Park
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-09
Matrix: Potable Water	ELAP: #11693

Total Low Level Metals Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Lead	08/01/2018	EPA 200.5	0.720	0.936	ug/L	

Date Prepared: 07/31/2018

Preparation Method: EPA 200.5

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Cadmium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.0002	<0.0002	mg/L	4.B
Calcium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.047	5.803	mg/L	
Chromium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	<0.007	mg/L	4.B
Copper	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.001	0.200	mg/L	
Iron	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.037	<0.037	mg/L	4.B
Magnesium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.051	1.083	mg/L	
Manganese	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	0.010	mg/L	4.B
Zinc	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.006	0.010	mg/L	4.B

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	07/31/2018	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	5.N

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:40	Sample ID: South Point Park
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-09
Matrix: Potable Water	ELAP: #11693

Ion Chromatography Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Chloride	08/01/2018 06:04	EPA 300.0 Rev. 2.1(1993)	1.50	12.8	mg/L	3.E

Date Prepared: 08/01/2018

Preparation Method: IC PW Prep

Low Level Ion Chromatography Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Nitrate as N	07/31/2018 17:27	EPA 300.0 Rev. 2.1(1993)	0.006	0.159	mg/L	

Date Prepared: 07/31/2018

Preparation Method: IC PW Prep

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:40	Sample ID: South Point Park
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-09
Matrix: Potable Water	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Specific Conductance	07/31/2018 09:48	EPA 120.1 (Rev. 1982)	2.0	97.8	umhos/cm	

Date Prepared: 07/31/2018

Preparation Method: No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
pH	07/31/2018 09:56	SM 18-21 4500-H B (00)	NA	7.63	units	1.C, 2.B
Temperature @ pH in C	07/31/2018 09:56	SM 18-21 4500-H B (00)	NA	24.80	units	1.C, 2.B

Date Prepared: 07/31/2018

Preparation Method: pH- No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Methylene Blue Active Substances	07/31/2018 17:40	SM 18-22 5540C (-00)	0.10	<0.10	mg/L LAS @ M.W. 340	

Date Prepared: 07/31/2018

Preparation Method: SM5540 C

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Ammonia as N	07/31/2018 12:50	SM4500-NH3C	1.00	<1.00	mg/L	2.B

Date Prepared: 07/31/2018

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



LONG ISLAND ANALYTICAL LABORATORIES INC.

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Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 14:40	Sample ID: South Point Park
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-09
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	07/30/2018 15:36	Colisure	NA	Absent		
Total Coliforms	07/30/2018 15:36	Colisure	NA	Positive		5.E

Date Prepared: 07/30/2018

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	07/30/2018 14:40	Total Residual Chlorine by Sampler	0.020	<0.020	mg/L	2.0

Date Prepared: 07/30/2018

Preparation Method: No Preparation

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 15:10	Sample ID: Lighthouse Park West
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-10
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethylene	75-35-4	0.50	<0.50	ug/L	
1,1-Dichloropropylene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	<0.50	ug/L	
Bromodichloromethane	75-27-4	0.50	6.63	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	



Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 15:10	Sample ID: Lighthouse Park West
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-10
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	72.9	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethylene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropylene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	<0.50	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	
Methylene Chloride	75-09-2	0.50	<0.50	ug/L	
Methyl-tert-Butyl Ether	1634-04-4	0.50	<0.50	ug/L	
Naphthalene	91-20-3	0.50	<0.50	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethylene	127-18-4	0.50	<0.50	ug/L	
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethylene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropylene	10061-02-6	0.50	<0.50	ug/L	
Trichloroethylene	79-01-6	0.50	<0.50	ug/L	



Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 15:10	Sample ID: Lighthouse Park West
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-10
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	99	70-130	
4-Bromofluorobenzene	460-00-4	94	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	76	50-200	

Date Prepared: 07/31/2018

Preparation Method: EPA 524.2

Date Analyzed: 07/31/2018

Analytical Method: EPA 524.2

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 15:10	Sample ID: Lighthouse Park West
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-10
Matrix: Potable Water	ELAP: #11693

Total Low Level Metals Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Lead	08/01/2018	EPA 200.5	0.720	1.54	ug/L	4.B

Date Prepared: 07/31/2018

Preparation Method: EPA 200.5

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Cadmium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.0002	<0.0002	mg/L	4.B
Calcium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.047	5.251	mg/L	
Chromium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	<0.007	mg/L	4.B
Copper	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.001	0.248	mg/L	
Iron	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.037	<0.037	mg/L	4.B
Magnesium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.051	1.094	mg/L	
Manganese	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	0.008	mg/L	4.B
Zinc	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.006	0.006	mg/L	4.B

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	07/31/2018	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	5.N

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 15:10	Sample ID: Lighthouse Park West
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-10
Matrix: Potable Water	ELAP: #11693

Ion Chromatography Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Chloride	08/01/2018 06:27	EPA 300.0 Rev. 2.1(1993)	1.50	12.9	mg/L	3.E

Date Prepared: 08/01/2018

Preparation Method: IC PW Prep

Low Level Ion Chromatography Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Nitrate as N	07/31/2018 17:50	EPA 300.0 Rev. 2.1(1993)	0.006	0.144	mg/L	

Date Prepared: 07/31/2018

Preparation Method: IC PW Prep

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 15:10	Sample ID: Lighthouse Park West
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-10
Matrix: Potable Water	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Specific Conductance	07/31/2018 09:48	EPA 120.1 (Rev. 1982)	2.0	95.2	umhos/cm	

Date Prepared: 07/31/2018

Preparation Method: No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
pH	07/31/2018 09:58	SM 18-21 4500-H B (00)	NA	7.55	units	1.C, 2.B
Temperature @ pH in C	07/31/2018 09:58	SM 18-21 4500-H B (00)	NA	24.80	units	1.C, 2.B

Date Prepared: 07/31/2018

Preparation Method: pH- No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Methylene Blue Active Substances	07/31/2018 17:40	SM 18-22 5540C (-00)	0.10	<0.10	mg/L LAS @ M.W. 340	

Date Prepared: 07/31/2018

Preparation Method: SM5540 C

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Ammonia as N	07/31/2018 12:50	SM4500-NH3C	1.00	<1.00	mg/L	2.B

Date Prepared: 07/31/2018

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

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 15:10	Sample ID: Lighthouse Park West
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-10
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	07/30/2018 15:36	Colisure	NA	Absent		
Total Coliforms	07/30/2018 15:36	Colisure	NA	Positive		5.E

Date Prepared: 07/30/2018

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	07/30/2018 15:10	Total Residual Chlorine by Sampler	0.020	<0.020	mg/L	2.0

Date Prepared: 07/30/2018

Preparation Method: No Preparation

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 15:10	Sample ID: Lighthouse Park East
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-11
Matrix: Potable Water	ELAP: #11693

Volatiles Analysis

Parameter	CAS No.	LOQ	Result	Units	Flag
1,1,1,2-Tetrachloroethane	630-20-6	0.50	<0.50	ug/L	
1,1,1-Trichloroethane	71-55-6	0.50	<0.50	ug/L	
1,1,2,2-Tetrachloroethane	79-34-5	0.50	<0.50	ug/L	
1,1,2-Trichloroethane	79-00-5	0.50	<0.50	ug/L	
1,1-Dichloroethane	75-34-3	0.50	<0.50	ug/L	
1,1-Dichloroethylene	75-35-4	0.50	<0.50	ug/L	
1,1-Dichloropropylene	563-58-6	0.50	<0.50	ug/L	
1,2,3-Trichlorobenzene	87-61-6	0.50	<0.50	ug/L	
1,2,3-Trichloropropane	96-18-4	0.50	<0.50	ug/L	
1,2,4-Trichlorobenzene	120-82-1	0.50	<0.50	ug/L	
1,2,4-Trimethylbenzene	95-63-6	0.50	<0.50	ug/L	
1,2-Dichlorobenzene	95-50-1	0.50	<0.50	ug/L	
1,2-Dichloroethane	107-06-2	0.50	<0.50	ug/L	
1,2-Dichloropropane	78-87-5	0.50	<0.50	ug/L	
1,3,5-Trimethylbenzene	108-67-8	0.50	<0.50	ug/L	
1,3-Dichlorobenzene	541-73-1	0.50	<0.50	ug/L	
1,3-Dichloropropane	142-28-9	0.50	<0.50	ug/L	
1,4-Dichlorobenzene	106-46-7	0.50	<0.50	ug/L	
2,2-Dichloropropane	594-20-7	0.50	<0.50	ug/L	
2-Chlorotoluene	95-49-8	0.50	<0.50	ug/L	
4-Chlorotoluene	106-43-4	0.50	<0.50	ug/L	
4-Isopropyltoluene	99-87-6	0.50	<0.50	ug/L	
Benzene	71-43-2	0.50	<0.50	ug/L	
Bromobenzene	108-86-1	0.50	<0.50	ug/L	
Bromochloromethane	74-97-5	0.50	<0.50	ug/L	
Bromodichloromethane	75-27-4	0.50	7.32	ug/L	
Bromoform	75-25-2	0.50	<0.50	ug/L	
Bromomethane	74-83-9	0.50	<0.50	ug/L	
Carbon Tetrachloride	56-23-5	0.50	<0.50	ug/L	



Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 15:10	Sample ID: Lighthouse Park East
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-11
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Chlorobenzene	108-90-7	0.50	<0.50	ug/L	
Chlorodifluoromethane	75-45-6	0.50	<0.50	ug/L	2.B
Chloroethane	75-00-3	0.50	<0.50	ug/L	
Chloroform	67-66-3	0.50	76.0	ug/L	
Chloromethane	74-87-3	0.50	<0.50	ug/L	
cis-1,2-Dichloroethylene	156-59-2	0.50	<0.50	ug/L	
cis-1,3-Dichloropropylene	10061-01-5	0.50	<0.50	ug/L	
Dibromochloromethane	124-48-1	0.50	<0.50	ug/L	
Dibromomethane	74-95-3	0.50	<0.50	ug/L	
Dichlorodifluoromethane	75-71-8	0.50	<0.50	ug/L	
Ethylbenzene	100-41-4	0.50	<0.50	ug/L	
Hexachlorobutadiene	87-68-3	0.50	<0.50	ug/L	
Isopropylbenzene (Cumene)	98-82-8	0.50	<0.50	ug/L	
m,p-Xylenes	108-38-3/106-42-3	1.00	<1.00	ug/L	
Methylene Chloride	75-09-2	0.50	<0.50	ug/L	
Methyl-tert-Butyl Ether	1634-04-4	0.50	<0.50	ug/L	
Naphthalene	91-20-3	0.50	<0.50	ug/L	
n-Butylbenzene	104-51-8	0.50	<0.50	ug/L	
n-Propylbenzene	103-65-1	0.50	<0.50	ug/L	
o-Xylene	95-47-6	0.50	<0.50	ug/L	
sec-Butylbenzene	135-98-8	0.50	<0.50	ug/L	
Styrene	100-42-5	0.50	<0.50	ug/L	
tert-Butylbenzene	98-06-6	0.50	<0.50	ug/L	
Tetrachloroethylene	127-18-4	0.50	<0.50	ug/L	
Toluene	108-88-3	0.50	<0.50	ug/L	
trans-1,2-Dichloroethylene	156-60-5	0.50	<0.50	ug/L	
trans-1,3-Dichloropropylene	10061-02-6	0.50	<0.50	ug/L	
Trichloroethylene	79-01-6	0.50	<0.50	ug/L	

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 15:10	Sample ID: Lighthouse Park East
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-11
Matrix: Potable Water	ELAP: #11693

Parameter	CAS No.	LOQ	Result	Units	Flag
Trichlorofluoromethane	75-69-4	0.50	<0.50	ug/L	
Vinyl chloride	75-01-4	0.50	<0.50	ug/L	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
1,2-Dichlorobenzene-d4	2199-69-1	102	70-130	
4-Bromofluorobenzene	460-00-4	98	70-130	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Fluorobenzene	462-06-6	72	50-200	

Date Prepared: 07/31/2018

Preparation Method: EPA 524.2

Date Analyzed: 07/31/2018

Analytical Method: EPA 524.2

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 15:10	Sample ID: Lighthouse Park East
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-11
Matrix: Potable Water	ELAP: #11693

Total Low Level Metals Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Lead	08/01/2018	EPA 200.5	0.720	2.69	ug/L	4.B, 4.C

Date Prepared: 07/31/2018

Preparation Method: EPA 200.5

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Cadmium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.0002	<0.0002	mg/L	4.B, 4.C
Calcium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.047	4.907	mg/L	
Chromium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	<0.007	mg/L	4.B
Copper	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.001	0.049	mg/L	
Iron	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.037	0.329	mg/L	5.E
Magnesium	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.051	1.027	mg/L	
Manganese	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.007	0.017	mg/L	
Zinc	08/01/2018	EPA 200.7, Rev. 4.4(1994)	0.006	0.056	mg/L	4.C

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Total Metals Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Arsenic	08/01/2018	EPA 200.9 Rev. 2.2(1994)	0.500	<0.500	ug/L	

Date Prepared: 07/31/2018

Preparation Method: DW-N/A

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 15:10	Sample ID: Lighthouse Park East
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-11
Matrix: Potable Water	ELAP: #11693

Ion Chromatography Analysis

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Chloride	08/01/2018 06:50	EPA 300.0 Rev. 2.1(1993)	1.50	12.7	mg/L	3.E

Date Prepared: 08/01/2018

Preparation Method: IC PW Prep

Low Level Ion Chromatography Analysis

Parameter	Date Analyzed	Method	MDL	Result	Units	Flag
Nitrate as N	07/31/2018 18:13	EPA 300.0 Rev. 2.1(1993)	0.006	0.143	mg/L	4.G

Date Prepared: 07/31/2018

Preparation Method: IC PW Prep

Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 15:10	Sample ID: Lighthouse Park East
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-11
Matrix: Potable Water	ELAP: #11693

General Chemistry Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Specific Conductance	07/31/2018 09:48	EPA 120.1 (Rev. 1982)	2.0	95.2	umhos/cm	

Date Prepared: 07/31/2018

Preparation Method: No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
pH	07/31/2018 09:59	SM 18-21 4500-H B (00)	NA	7.59	units	1.C, 2.B
Temperature @ pH in C	07/31/2018 09:59	SM 18-21 4500-H B (00)	NA	24.80	units	1.C, 2.B

Date Prepared: 07/31/2018

Preparation Method: pH- No Preparation

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Methylene Blue Active Substances	07/31/2018 17:40	SM 18-22 5540C (-00)	0.10	<0.10	mg/L LAS @ M.W. 340	

Date Prepared: 07/31/2018

Preparation Method: SM5540 C

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Ammonia as N	07/31/2018 12:50	SM4500-NH3C	1.00	<1.00	mg/L	2.B

Date Prepared: 07/31/2018

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



Client: Roosevelt Island Operation Corporation	Client ID: Roosevelt Island
Date (Time) Collected: 07/30/2018 15:10	Sample ID: Lighthouse Park East
Date (Time) Received: 07/30/2018 18:35	Laboratory ID: 8073027-11
Matrix: Potable Water	ELAP: #11693

Microbiological Parameters

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
E. Coli	07/30/2018 15:36	Colisure	NA	Absent		
Total Coliforms	07/30/2018 15:36	Colisure	NA	Negative		

Date Prepared: 07/30/2018

Preparation Method: Micro-No Prep

Parameter	Date Analyzed	Method	LOQ	Result	Units	Flag
Total Residual Chlorine by Sampler	07/30/2018 15:10	Total Residual Chlorine by Sampler	0.020	<0.020	mg/L	2.0

Date Prepared: 07/30/2018

Preparation Method: No Preparation

Data Qualifiers Key Reference:

- 1.C Holding time exceeded, analyze immediate parameter.
- 2.B Parameter not certifiable by NELAP.
- 2.O Analysis conducted by laboratory personnel in the field.
- 3.E Compound reported at a dilution factor.
- 4.B Estimated value, Results may have a higher degree of uncertainty as a result of reporting to the MDL but below LOQ.
- 4.C Target compound found in blank.
- 4.G Spike recovery out of range due to matrix interference.
- 5.E Level found exceeds the maximum contaminant level (MCL) as set by local, state or federal agencies.
- 5.N Instrument Blank Values greater than 10% LOQ
- MDL Minimum Detection Limit
- LOQ Limit of Quantitation



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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Roosevelt Island Operating Corporation
680 Main St. N.Y., N.Y. 10044

PROJECT LOCATION: Roosevelt Island

CONTACT: Tamara Andreatta
 PHONE: 212-832-4540
 EMAIL: tamara.andreatta@cioc.nyc.gov

SAMPLER (SIGNATURE): [Signature]
 SAMPLER NAME (PRINT): Michael D. Verardi

SAMPLES RECEIVED AT: 1, 1 °C

ANALYSIS REQUIRED: Back to Lab

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

8073027

LABORATORY ID # <small>For Laboratory Use Only</small>	MATRIX	TYPE	pH	RES CHLORINE	PRES	DATE	TIME	SAMPLE # LOCATION	ANALYSIS REQUIRED	# OF CONTAINERS
1. 8073027-01	DW	6	6.0-7	1	7:30	18	13:02	680 - Pantry	X	7
2. -02			6.4	1			13:44	591 - Kitchen Sink	X	7
3. -03			6.0-2	1			13:14	Capobianco - Norton Park	X	7
4. -04			6.0-2	1			13:25	Capobianco Field	X	7
5. -05			6.2	1			14:02	Blackwell Parks Sprinkler left	X	7
6. -06			6.2	1			14:05	Blackwell Parks Sprinkler Right	X	7
7. -07			6.0-2	1			14:13	Blackwell Park Water Fountain	X	7
8. -08			6.0-2	1			14:57	Fire Lighted Field	X	7
9. -09			6.0-2	1			14:40	South Point Park	X	7
10. -10			6.0-2	1			15:10	Highhouse Park West	X	7
11. -11			6.0-2	1			15:18	Lighthouse Park East	X	7
12.								Sample Preserved with HCL By: <u>[Signature]</u>		
13.								Sample Preserved with HCL By: <u>[Signature]</u>		
14.								Sample Preserved with HCL By: <u>[Signature]</u>		

RUSH!

TURNAROUND REQUIRED: NORMAL STAT
 BY 8/11/18

COMMENTS / INSTRUCTIONS: 24 Hr. Rush!

RECEIVED BY (SIGNATURE): [Signature] DATE: 7-30-18 TIME: 18:35

RECEIVED BY SAMPLE CUSTODIAN: [Signature] DATE: 7-30-18 TIME: 18:35

PRINTED NAME: Michael D. Verardi

PRINTED NAME: Michael D. Verardi