

Robert P. Astorino
County Executive

Department of Environmental Facilities

Thomas J. Lauro, P.E.
Commissioner

October 7, 2016

EES Case Management Unit
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Washington, D.C. 20044-7611

Chief, Water Compliance Branch
Division of Enforcement and Compliance Assistance
U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, NY 10007

Chief, Water and General Law Branch
Office of Regional Counsel
U.S. Environmental Protection Agency, Region II
290 Broadway, 16th Floor
New York, NY 10007

Re: DJ # 90-5-1-1-10536

To Whom Ever This May Concern:

Enclosed herewith is Westchester County's September 2016 Monthly Operating Report.

Sincerely,



Anthony Della Valle, P.E.
Director, Wastewater Treatment

cc: Andrew E. Krause, via e-mail
Cristine Irvin Phillips, via e-mail
EES Case Management Unit, via e-mail



Division of Solid Waste
Wastewater Treatment
Water Agency

Westchester County Water District #1

LT2 Compliant Water report 2016

September	LT2 Compliant Water Gallons	Non Compliant Water Gallons
White Plains	0	316,573,000
Scarsdale	0	90,565,000
Yonkers	213,934,000	0
Mount Vernon	225,391,000	0
Monthly Total	439,325,000	407,138,000

NEW YORK STATE DEPARTMENT OF HEALTH
Bureau of Water Supply Protection

Water Systems Operation Report
Microbial Sample Results

Public Water System Name			Reporting Month/Year		Date Report Submitted		Source Water Type(s)		
WWD#1 - Kensico Dam			Sep '16		10/06/16		Surface Water		
Public Water System ID			County		Town, Village, or City				
NY 5903488			Westchester		Valhalla				
DATE	Source(s) in Use	Treated water volume (1,000 gallons/day)	Chlorination			Other Treatments / Readings			
			Liquid Hypochlorite added to crock (gallons)	Free chlorine residual at entry point (mg/l)	Caustic Gal Used	Ortho Gal Used	Treated Turb		
1	Kensico Res.	12,167	190	1.73	160	65	0.43		
2	Kensico Res.	13,777	194	1.56	268	79	0.40		
3	Kensico Res.	11,200	172	1.70	145	57	0.44		
4	Kensico Res.	14,567	228	1.73	196	76	0.44		
5	Kensico Res.	14,286	206	1.63	181	76	0.45		
6	Kensico Res.	15,947	250	1.74	200	82	0.44		
7	Kensico Res.	13,632	215	1.59	170	70	0.49		
8	Kensico Res.	15,480	225	1.67	185	80	0.52		
9	Kensico Res.	15,390	245	1.79	175	85	0.54		
10	Kensico Res.	13,158	210	1.67	170	70	0.52		
11	Kensico Res.	15,133	240	1.67	198	75	0.53		
12	Kensico Res.	14,857	235	1.80	192	75	0.50		
13	Kensico Res.	17,086	275	1.74	210	90	0.54		
14	Kensico Res.	15,670	245	1.71	205	85	0.60		
15	Kensico Res.	14,730	235	1.58	190	73	0.46		
16	Kensico Res.	14,945	220	1.60	173	76	0.57		
17	Kensico Res.	14,804	224	1.70	192	79	0.59		
18	Kensico Res.	14,315	227	1.70	183	76	0.59		
19	Kensico Res.	13,006	204	1.61	145	68	0.61		
20	Kensico Res.	12,379	195	1.64	165	65	0.52		
21	Kensico Res.	13,962	223	1.80	175	190	0.52		
22	Kensico Res.	14,913	227	1.71	205	78	0.51		
23	Kensico Res.	14,440	218	1.74	188	79	0.54		
24	Kensico Res.	13,000	200	1.75	176	64	0.49		
25	Kensico Res.	15,210	227	1.60	209	77	0.51		
26	Kensico Res.	11,873	195	1.67	172	65	0.50		
27	Kensico Res.	12,854	200	1.68	165	67	0.55		
28	Kensico Res.	12,127	185	1.47	160	60	0.53		
29	Kensico Res.	11,861	185	1.63	155	62	0.55		
30	Kensico Res.	11,970	190	1.73	158	68	0.55		
Total		418,739	6,485		5,466	2,312			
AVG.		13,958	216	1.68	182	77	0.51		

Chlorine Mix Ratio: _____ qts/gals of _____ % chlorine added to _____ gals of water

Reported by: M. Ferraro Title: S.O.W. NYS DOH Operator Certification Number: NY0030241

Signature: [Signature] Date: 10/21/16 Operator Grade Level: IR

Water Systems Operation Report

UNFILTERED SURFACE WATER SYSTEMS

Instructions: Complete form and submit to your local health unit within 10 days of the close of the reporting month.

NAME OF PUBLIC WATER SYSTEM	PROGRAM CODE	STATION (NUMBER)	REPORTING MONTH/YEAR
WESTCHESTER COUNTY WATER DISTRICT NO. 1	100	05903488	Sep '16

Location VALHALLA
(C.V.T.)

County WESTCHESTER

RAW WATER TURBIDITY

DATE	0000	0400	0800	1200	1600	2000
1	0.34	0.46	0.46	0.40	0.36	0.33
2	0.32	0.38	0.41	0.33	0.34	0.34
3	0.35	0.38	0.45	0.35	0.36	0.35
4	0.34	0.37	0.41	0.36	0.36	0.33
5	0.36	0.38	0.44	0.34	0.36	0.38
6	0.33	0.35	0.41	0.35	0.38	0.36
7	0.37	0.41	0.47	0.39	0.37	0.40
8	0.36	0.40	0.47	0.45	0.43	0.45
9	0.36	0.48	0.51	0.39	0.38	0.41
10	0.53	0.44	0.51	0.45	0.42	0.46
11	0.39	0.45	0.43	0.43	0.41	0.39
12	0.38	0.42	0.49	0.41	0.47	0.52
13	0.44	0.49	0.53	0.47	0.46	0.55
14	0.47	0.52	0.54	0.49	0.47	0.46
15	0.37	0.40	0.45	0.40	0.41	0.45
16	0.41	0.51	0.52	0.45	0.46	0.41
17	0.51	0.49	0.51	0.42	0.48	0.48
18	0.45	0.49	0.50	0.44	0.52	0.47
19	0.46	0.57	0.53	0.41	0.47	0.44
20	0.37	0.43	0.50	0.41	0.41	0.44
21	0.42	0.46	0.51	0.37	0.39	0.45
22	0.38	0.45	0.50	0.41	0.42	0.47
23	0.37	0.49	0.50	0.50	0.51	0.53
24	0.43	0.41	0.44	0.38	0.41	0.39
25	0.37	0.42	0.41	0.42	0.42	0.42
26	0.39	0.43	0.47	0.42	0.44	0.45
27	0.41	0.50	0.51	0.46	0.45	0.46
28	0.41	0.45	0.51	0.43	0.42	0.42
29	0.37	0.44	0.51	0.43	0.43	0.44
30	0.35	0.47	0.51	0.47	0.47	0.50
31						

DATE	Total Coliform per 100 ml, Colonies	Fecal Coliform per 100ml, Colonies
1	<1.8	<1.8
2	<1.8	<1.8
3		
4		
5	<1.8	<1.8
6	<1.8	<1.8
7	4.0	<1.8
8	<1.8	<1.8
9	<1.8	<1.8
10		
11		
12	<1.8	<1.8
13	1.8	1.8
14	<1.8	<1.8
15	<1.8	<1.8
16	<1.8	<1.8
17		
18		
19	1.8	<1.8
20	2.0	<1.8
21	2.0	<1.8
22	<1.8	<1.8
23	<1.8	<1.8
24		
25		
26	<1.8	<1.8
27	<1.8	<1.8
28	6.8	<1.8
29	4.0	<1.8
30	11.0	2.0
31		

1. Record raw water turbidity values every four hours.

2. Notify state by the end of the next business day whenever the raw water turbidity exceeds 5 NTU.

3. Population served N/A

4. Minimum number of microbiological samples required per week N/A

5. A daily microbiological sample is required every day the raw water turbidity exceeds 1 NTU.

Entry Point Disinfection Monitoring, CT Value Calculations Unfiltered Surface Water Supplies

ENTRY POINT DISINFECTION MONITORING

DATE	Free Chlorine Residual Mgl					
	0000	0400	0800	1200	1600	2000
1	1.50	1.73	1.63	1.71	1.69	1.66
2	1.75	1.62	1.59	1.75	1.64	1.73
3	1.73	1.74	1.75	1.71	1.71	1.71
4	1.71	1.62	1.70	1.72	1.73	1.64
5	1.68	1.73	1.70	1.64	1.84	1.71
6	1.48	1.65	1.66	1.68	1.64	1.59
7	1.67	1.68	1.70	1.62	1.66	1.67
8	1.62	1.62	1.60	1.80	1.69	1.77
9	1.50	1.67	1.71	1.70	1.68	1.72
10	2.72	1.67	1.69	1.66	1.67	1.68
11	1.69	1.69	1.69	1.63	1.64	1.59
12	1.66	1.66	1.67	1.73	1.65	1.63
13	1.73	1.67	1.71	1.64	1.60	1.69
14	1.66	1.66	1.68	1.62	1.66	1.64
15	1.48	1.64	1.66	1.65	1.67	1.74
16	1.64	1.60	1.62	1.65	1.69	1.60
17	1.64	1.65	1.64	1.55	1.66	1.66
18	1.68	1.63	1.64	1.55	1.60	1.61
19	1.59	1.66	1.54	1.60	1.60	1.60
20	1.54	1.61	1.64	1.71	1.66	1.68
21	1.68	1.73	1.71	1.66	1.69	1.71
22	1.57	1.73	1.67	1.64	1.74	1.68
23	1.69	1.66	1.72	1.69	1.71	1.66
24	1.76	1.73	1.69	1.67	1.78	1.66
25	1.67	1.68	1.71	1.79	1.67	1.68
26	1.79	1.66	1.70	1.71	1.68	1.68
27	1.53	1.66	1.71	1.70	1.71	1.69
28	1.66	1.62	1.70	1.67	1.64	1.64
29	1.67	1.66	1.66	1.57	1.57	1.60
30	1.58	1.55	1.62	1.64	1.66	1.61
31						

CT VALUE COMPUTATION (1) (2) (3)

DATE	Water pH	Water Temp °C	Free Chlorine Residual mg/l	Contact Time, min	CT Value mg·min/l	Reqd. CT Value mg·min/l
1	7.31	12.7	1.73			
2	7.31	12.7	1.56			
3	7.32	12.2	1.70			
4	7.37	12.6	1.73			
5	7.33	13.0	1.63			
6	7.44	13.6	1.74			
7	7.49	14.2	1.59			
8	7.42	14.2	1.67			
9	7.49	14.5	1.79			
10	7.37	13.9	1.67			
11	7.39	13.7	1.67			
12	7.39	13.8	1.80			
13	7.46	14.5	1.74			
14	7.41	14.8	1.71			
15	7.40	14.5	1.58			
16	7.37	15.0	1.60			
17	7.39	15.0	1.70			
18	7.31	14.8	1.70			
19	7.39	14.9	1.61			
20	7.22	13.5	1.64			
21	7.33	13.8	1.80			
22	7.25	14.1	1.71			
23	7.42	14.8	1.74			
24	7.54	15.1	1.75			
25	7.56	15.0	1.60			
26	7.40	14.9	1.67			
27	7.30	14.7	1.68			
28	7.51	14.9	1.47			
29	7.50	14.3	1.63			
30	7.64	14.8	1.73			
31						

1. Minimum number of residual samples per day _____

2. Record values every four hours if continuous monitoring required, or if residual falls below 0.2 mg/l, and notify state.

DOH-1014 (3/91) P. 2 OF 2

Reported by

H. [Signature]

Date

10/06/16

Title

S.O. [Signature]

Signature

[Signature]

Cert. No.

NY0033341

1. Parameters used in determining CT values are taken at the first user at peak hourly flow conditions
2. CT value equals product of free chlorine residual in mg/(1), and contact time in minutes (2). (1) x (2) = (3)
3. If multiple chlorination points are utilized for CT evaluation, additional sheets should be attached.

Sample No. **AS18899**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA

Collection Point : TREATED

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

add'l Report To :

Received By : NM

Bottle No : 26-3441

COC:

Collected By : MCQUILLAN

Collection Date : 09/01/2016 AT 9:42:00AM

Submitted On : 09/01/2016 AT 12:11:00PM

PWS No. : 5903488

Type Descriptor :

Source ID : 000

pH:

Free Cl₂ :

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/01/2016 AT 3:05:00PM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	<1		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/06/2016

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

EMAIL Copy 10/6/2016

Page 1 of 1

These analytical results relate only to the sample identified in this report.

Sample No. **AS18901**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : NM

VALHALLA

Bottle No : 28-1723

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 09/01/2016 AT 9:43:00AM

Submitted On : 09/01/2016 AT 12:11:00PM

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

PWS No. : 5903488

Type Descriptor : Source ID : 000

pH:

Free Cl₂ :

Residual Cl₂ :

add'l Report To :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/01/2016 AT 3:05:00PM		
Heterotrophic Plate Count	CFU/ml	24		SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/06/2016

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

EMAIL Copy 10/6/2016

Page 1 of 1

These analytical results relate only to the sample identified in this report.

Sample No. **AS19002**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Received By : ERG

Bottle No : 19-2858

COC:

Collected By : MCQUILLAN

Collection Date : 09/02/2016 AT 9:21:00AM

Submitted On : 09/02/2016 AT 11:53:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH:

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/02/2016 AT 1:57:00PM		
Heterotrophic Plate Count	CFU/ml	28		SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/06/2016

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

EMAIL Copy 10/6/2016

Page 1 of 1

These analytical results relate only to the sample identified in this report.

Sample No. **AS19003**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA

Collection Point : TREATED

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Received By : ERG

Bottle No : 20-3227

COC:

Collected By : MCQUILLAN

Collection Date : 09/02/2016 AT 9:20:00AM

Submitted On : 09/02/2016 AT 11:53:00AM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl₂ : 1.56

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/02/2016 AT 1:57:00PM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	1		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/06/2016

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

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These analytical results relate only to the sample identified in this report.

Sample No. **AS19059**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO DAM

VALHALLA, NY

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Received By : EM ERG

Bottle No : 9-3386

COC:

Collected By : MCWILLIAMS

Collection Date : 09/05/2016 AT 9:05:00AM

Submitted On : 09/05/2016 AT 10:21:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH:

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/05/2016 AT 12:25:00PM		
Heterotrophic Plate Count	CFU/ml	68		SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/07/2016

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

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These analytical results relate only to the sample identified in this report.

Sample No. **AS19066**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO DAM

Received By : EM ERG

VALHALLA, NY

Bottle No : 16-2107

COC:

Collection Point : TREATED

Collected By : MCWILLIAMS

ID of Source : WWD1

Collection Date : 09/05/2016 AT 9:07:00AM

Submitted On : 09/05/2016 AT 10:21:00AM

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl₂ : 1.65

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/05/2016 AT 12:28:00PM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	3		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/07/2016

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

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These analytical results relate only to the sample identified in this report.

Sample No. **AS19133**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : TREATED

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Received By : NM

Bottle No : 28-8022

COC:

Collected By : MCQUILLAN

Collection Date : 09/06/2016 AT 9:15:00AM

Submitted On : 09/06/2016 AT 11:21:00AM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl2 : 1.65

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/06/2016 AT 2:16:00PM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	3		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/08/2016

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

EMAIL Copy 10/6/2016

Page 1 of 1

These analytical results relate only to the sample identified in this report.

Sample No. **AS19134**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Received By : NM

Bottle No : 29-3043

COC:

Collected By : MCQUILLAN

Collection Date : 09/06/2016 AT 9:16:00AM

Submitted On : 09/06/2016 AT 11:21:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH:

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/06/2016 AT 2:16:00PM		
Heterotrophic Plate Count	CFU/ml	50		SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/12/2016

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

EMAIL Copy 10/6/2016

Page 1 of 1

These analytical results relate only to the sample identified in this report.

Sample No. AS19214

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

add'l Report To :

Received By : KP ERG

Bottle No : 20-3285

COC:

Collected By : MCQUILLAN

Collection Date : 09/07/2016 AT 10:21:00AM

Submitted On : 09/07/2016 AT 10:53:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH :

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/07/2016 AT 1:06:00PM		
Heterotrophic Plate Count	CFU/ml	78		SM20 9215B
Coliform, Most Probable Number	per 100ml	4.0		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/12/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS19215**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : KP ERG

VALHALLA, NY

Bottle No : 21-7115

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 09/07/2016 AT 10:20:00AM

Submitted On : 09/07/2016 AT 10:53:00AM

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl2 : 1.60

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/07/2016 AT 1:07:00PM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	1		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/09/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS19399**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : ERG NM

VALHALLA, NY

Bottle No : 27-3446

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 09/08/2016 AT 8:35:00AM

Submitted On : 09/08/2016 AT 12:09:00PM

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl2 : 1.67

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/08/2016 AT 2:14:00PM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	1		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/12/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS19400**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Received By : ERG NM

Bottle No : 28-2590

COC:

Collected By : MCQUILLAN

Collection Date : 09/08/2016 AT 8:36:00AM

Submitted On : 09/08/2016 AT 12:09:00PM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH:

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/08/2016 AT 2:14:00PM		
Heterotrophic Plate Count	CFU/ml	72		SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/12/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS19474**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : NM ERG

VALHALLA, NY

Bottle No : 17-8040

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 09/09/2016 AT 8:20:00AM

Submitted On : 09/09/2016 AT 10:17:00AM

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl₂ : 1.79

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/09/2016 AT 11:51:00AM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	3		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/12/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS19475**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : NM ERG

VALHALLA, NY

Bottle No : 18-2727

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 09/09/2016 AT 8:21:00AM

Submitted On : 09/09/2016 AT 10:17:00AM

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH:

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/09/2016 AT 11:51:00AM		
Heterotrophic Plate Count	CFU/ml	67		SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/13/2016

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These analytical results relate only to the sample identified in this report.

Sample No. AS19614

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : ERG NM

VALHALLA, NY

Bottle No : 29-2658

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 09/12/2016 AT 11:02:00AM

Submitted On : 09/12/2016 AT 11:39:00AM

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH:

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/12/2016 AT 11:56:00AM		
Heterotrophic Plate Count	CFU/ml	50		SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/16/2016

Environmental Laboratories
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These analytical results relate only to the sample identified in this report.

Sample No. **AS19615**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : TREATED

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

addt'l Report To :

Received By : ERG NM

Bottle No : 30-3022

COC:

Collected By : MCQUILLAN

Collection Date : 09/12/2016 AT 11:00:00AM

Submitted On : 09/12/2016 AT 11:39:00AM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl₂ : 1.80

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/12/2016 AT 11:56:00AM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	1		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/14/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS19618**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : ERG NM

VALHALLA, NY

Bottle No : 33-1525

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 09/12/2016 AT 11:01:00AM

Submitted On : 09/12/2016 AT 11:39:00AM

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl2 : 1.80

Residual Cl2 :

Sample chilled on arrival ? : NA

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/12/2016 AT 1:08:00PM		
Diatomaceae Organisms CYCLOTELLA-8	ASU per ml	8		SM1810200F
Chlorophyceae Organisms	ASU per ml	0		SM1810200F
Cyanophyceae Organisms	ASU per ml	0		SM1810200F
Protozoa Organisms	ASU per ml	0		SM1810200F
Rotifera Organisms	ASU per ml	0		SM1810200F
Crustaceae Organisms	ASU per ml	0		SM1810200F
Other Microscopic Organisms	ASU per ml	0		SM1810200F
Total Microscopic Organisms	ASU per ml	8		SM18 10200F
Amorphous Matter	ASU per ml	91		SM1810200F

NYSDOH ELAP and NELAC do not offer accreditation for Microscopic Examination. Unless the sample is otherwise qualified, all method QC requirements were found to be acceptable.

E = Estimated Count

Approved By

Date Approved : 09/14/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS19695**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

add'l Report To :

Received By : ERG NM

Bottle No : 5-2476

COC:

Collected By : MCQUILLAN

Collection Date : 09/13/2016 AT 8:51:00AM

Submitted On : 09/13/2016 AT 10:05:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH :

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/13/2016 AT 11:52:00AM		
Heterotrophic Plate Count	CFU/ml	61		SM20 9215B
Coliform, Most Probable Number	per 100ml	1.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/16/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS19696**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : TREATED

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Received By : ERG NM

Bottle No : 6-3155

COC:

Collected By : MCQUILLAN

Collection Date : 09/13/2016 AT 8:50:00AM

Submitted On : 09/13/2016 AT 10:05:00AM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl2 : 1.74

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/13/2016 AT 11:52:00AM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	3		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/15/2016

Environmental Laboratories
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These analytical results relate only to the sample identified in this report.

Sample No. **AS19809**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : TREATED

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Received By : NM

Bottle No : 13-3331

COC:

Collected By : MCQUILLAN

Collection Date : 09/14/2016 AT 8:50:00AM

Submitted On : 09/14/2016 AT 10:01:00AM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl₂ : 1.70

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/14/2016 AT 11:50:00AM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	2		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/16/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS19808**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

add'l Report To :

Received By : NM

Bottle No : 12-2948

COC:

Collected By : MCQUILLAN

Collection Date : 09/14/2016 AT 8:51:00AM

Submitted On : 09/14/2016 AT 10:01:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH :

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/14/2016 AT 11:50:00AM		
Heterotrophic Plate Count	CFU/ml	56		SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/19/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS19915**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

add'l Report To :

Received By : ERG NM

Bottle No : 9-2766

COC:

Collected By : MCQUILLAN

Collection Date : 09/15/2016 AT 9:16:00AM

Submitted On : 09/15/2016 AT 11:13:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH:

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/15/2016 AT 11:54:00AM		
Heterotrophic Plate Count	CFU/ml	205		SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/19/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS19916**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : TREATED

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

add'l Report To :

Received By : ERG NM

Bottle No : 10-3391

COC:

Collected By : MCQUILLAN

Collection Date : 09/15/2016 AT 9:15:00AM

Submitted On : 09/15/2016 AT 11:13:00AM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl₂ : 1.58

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/15/2016 AT 11:55:00AM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	1		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/19/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS19999**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

add'l Report To :

Received By : ERG

Bottle No : 17-2823

COC:

Collected By : MCQUILLAN

Collection Date : 09/16/2016 AT 8:31:00AM

Submitted On : 09/16/2016 AT 11:36:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH:

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/16/2016 AT 11:59:00AM		
Heterotrophic Plate Count	CFU/ml	50		SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/19/2016

Environmental Laboratories
NYS ELAP # 10108
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These analytical results relate only to the sample identified in this report.

Sample No. **AS20000**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : ERG

VALHALLA, NY

Bottle No : 18-3578

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 09/16/2016 AT 8:30:00AM

Submitted On : 09/16/2016 AT 11:36:00AM

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl2 : 1.60

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/16/2016 AT 12:00:00PM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	2		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/19/2016

Environmental Laboratories
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These analytical results relate only to the sample identified in this report.

Sample No. **AS20057**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : ERG RRC

VALHALLA, NY

Bottle No : 4-2827

COC:

Collection Point : RAW

Collected By : DEMA

ID of Source : WWD1

Collection Date : 09/19/2016 AT 7:35:00AM

Submitted On : 09/19/2016 AT 8:31:00AM

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH :

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/19/2016 AT 11:50:00AM		
Heterotrophic Plate Count	CFU/ml	67		SM20 9215B
Coliform, Most Probable Number	per 100ml	1.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/23/2016

Environmental Laboratories
NYS ELAP # 10108
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These analytical results relate only to the sample identified in this report.

Sample No. **AS20058**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : TREATED

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

add'l Report To :

Received By : ERG RRC

Bottle No : 5-3375

COC:

Collected By : DEMA

Collection Date : 09/19/2016 AT 7:30:00AM

Submitted On : 09/19/2016 AT 8:31:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH:

Free Cl2 : 1.61

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/19/2016 AT 11:50:00AM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	1		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/21/2016

Environmental Laboratories
NYS ELAP # 10108
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These analytical results relate only to the sample identified in this report.

Sample No. **AS20239**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Received By : RRC

Bottle No : 10-3494

COC:

Collected By : MCQUILLAN

Collection Date : 09/20/2016 AT 9:41:00AM

Submitted On : 09/20/2016 AT 10:46:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH :

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

addtl Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/20/2016 AT 11:55:00AM		
Heterotrophic Plate Count	CFU/ml	73		SM20 9215B
Coliform, Most Probable Number	per 100ml	2.0		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/26/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS20240**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : TREATED

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Received By : RRC

Bottle No : 11-8082

COC:

Collected By : MCQUILLAN

Collection Date : 09/20/2016 AT 9:40:00AM

Submitted On : 09/20/2016 AT 10:46:00AM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl₂ : 1.64

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/20/2016 AT 11:55:00AM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	1		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/22/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS20366**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : TREATED

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

add'l Report To :

Received By : ERG NM

Bottle No : 15-3022

COC:

Collected By : MCQUILLAN

Collection Date : 09/21/2016 AT 8:53:00AM

Submitted On : 09/21/2016 AT 10:56:00AM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl₂ : 1.80

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/21/2016 AT 1:50:00PM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	116		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/23/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS20367**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : ERG NM

VALHALLA, NY

Bottle No : 16-2746

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 09/21/2016 AT 8:54:00AM

Submitted On : 09/21/2016 AT 10:56:00AM

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH:

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/21/2016 AT 1:51:00PM		
Heterotrophic Plate Count	CFU/ml	44		SM20 9215B
Coliform, Most Probable Number	per 100ml	2.0		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/26/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS20458**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

add'l Report To :

Received By : ERG NM

Bottle No : 11-2977

COC:

Collected By : MCQUILLAN

Collection Date : 09/22/2016 AT 9:01:00AM

Submitted On : 09/22/2016 AT 10:29:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH :

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/22/2016 AT 11:50:00AM		
Heterotrophic Plate Count	CFU/ml	83		SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/26/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS20459**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Received By : ERG NM

Bottle No : 12-3281

COC:

Collection Point : TREATED

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Collected By : MCQUILLAN

Collection Date : 09/22/2016 AT 9:00:00AM

Submitted On : 09/22/2016 AT 10:29:00AM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH :

Free Cl₂ : 1.71

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/22/2016 AT 11:50:00AM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	1		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/26/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS20561**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : NM

VALHALLA, NY

Bottle No : 21-4375

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 09/23/2016 AT 8:45:00AM

Submitted On : 09/23/2016 AT 10:52:00AM

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl2 : 1.74

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/23/2016 AT 11:37:00AM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	<1		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/26/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS20562**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Received By : NM

Bottle No : 22-2998

COC:

Collected By : MCQUILLAN

Collection Date : 09/23/2016 AT 8:46:00AM

Submitted On : 09/23/2016 AT 10:52:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH:

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/23/2016 AT 11:37:00AM		
Heterotrophic Plate Count	CFU/ml	43		SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/26/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS20625**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : NM RRC

VALHALLA, NY

Bottle No : 11-1525

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 09/26/2016 AT 9:16:00AM

Submitted On : 09/26/2016 AT 10:24:00AM

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl₂ : 1.67

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/26/2016 AT 10:50:00AM		
Diatomaceae Organisms	ASU per ml	0		SM1810200F
Chlorophyceae Organisms STAURASTRUM-8	ASU per ml	8		SM1810200F
Cyanophyceae Organisms	ASU per ml	0		SM1810200F
Protozoa Organisms	ASU per ml	0		SM1810200F
Rotifera Organisms	ASU per ml	0		SM1810200F
Crustaceae Organisms	ASU per ml	0		SM1810200F
Other Microscopic Organisms	ASU per ml	0		SM1810200F
Total Microscopic Organisms	ASU per ml	8		SM18 10200F
Amorphous Matter	ASU per ml	99		SM1810200F

NYSDOH ELAP and NELAC do not offer accreditation for Microscopic Examination. Unless the sample is otherwise qualified, all method QC requirements were found to be acceptable.

E = Estimated Count

Approved By

Date Approved : 09/27/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS20626**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : NM RRC

VALHALLA, NY

Bottle No : 12-3492

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 09/26/2016 AT 9:15:00AM

Submitted On : 09/26/2016 AT 10:24:00AM

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl₂ : 1.67

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/26/2016 AT 11:56:00AM		
Coliform Presence/Absence Test	per 100ml	Absent		Collert-18
Heterotrophic Plate Count	CFU/ml	2		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/28/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS20627**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Received By : NM RRC

Bottle No : 13-2688

COC:

Collected By : MCQUILLAN

Collection Date : 09/26/2016 AT 9:17:00AM

Submitted On : 09/26/2016 AT 10:24:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH:

Free Cl₂ :

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/26/2016 AT 11:56:00AM		
Heterotrophic Plate Count	CFU/ml	42		SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 09/30/2016

Environmental Laboratories
NYS ELAP # 10108
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These analytical results relate only to the sample identified in this report.

Sample No. **AS20734**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA., NY

Collection Point : TREATED

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Received By : NM

Bottle No : 6-3300

COC:

Collected By : MCQUILLAN

Collection Date : 09/27/2016 AT 8:45:00AM

Submitted On : 09/27/2016 AT 9:46:00AM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl₂ : 1.68

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/27/2016 AT 11:50:00AM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	2		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/29/2016

Environmental Laboratories
NYS ELAP # 10108
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These analytical results relate only to the sample identified in this report.

Sample No. **AS20735**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA., NY

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Received By : NM

Bottle No : 7-2901

COC:

Collected By : MCQUILLAN

Collection Date : 09/27/2016 AT 8:46:00AM

Submitted On : 09/27/2016 AT 9:46:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH:

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/27/2016 AT 11:50:00AM		
Heterotrophic Plate Count	CFU/ml	59		SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 10/03/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS20836**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : TREATED

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Received By : NM RRC

Bottle No : 15-8073

COC:

Collected By : MCQUILLAN

Collection Date : 09/28/2016 AT 10:15:00AM

Submitted On : 09/28/2016 AT 11:32:00AM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl₂ : 1.50

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/28/2016 AT 11:52:00AM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	3		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 09/30/2016

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These analytical results relate only to the sample identified in this report.

Sample No. **AS20837**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Received By : NM RRC

Bottle No : 16-2921

COC:

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Collected By : MCQUILLAN

Collection Date : 09/28/2016 AT 10:16:00AM

Submitted On : 09/28/2016 AT 11:32:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH:

Free Cl₂ :

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/28/2016 AT 11:53:00AM		
Heterotrophic Plate Count	CFU/ml	83		SM20 9215B
Coliform, Most Probable Number	per 100ml	6.8		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 10/03/2016

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NYS ELAP # 10108
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These analytical results relate only to the sample identified in this report.

Sample No. **AS20949**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Received By : ERG

Bottle No : 16-3515

COC:

Collection Point : TREATED

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Collected By : MCQUILLAN

Collection Date : 09/29/2016 AT 9:15:00AM

Submitted On : 09/29/2016 AT 11:56:00AM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl2 : 1.63

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/29/2016 AT 2:30:00PM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	<1		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 10/03/2016

Environmental Laboratories
NYS ELAP # 10108
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These analytical results relate only to the sample identified in this report.

Sample No. **AS20950**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

add'l Report To :

Received By : ERG

Bottle No : 17-2756

COC:

Collected By : MCQUILLAN

Collection Date : 09/29/2016 AT 9:16:00AM

Submitted On : 09/29/2016 AT 11:56:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH:

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/29/2016 AT 2:30:00PM		
Heterotrophic Plate Count	CFU/ml	48		SM20 9215B
Coliform, Most Probable Number	per 100ml	4.0		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 10/03/2016

Environmental Laboratories
NYS ELAP # 10108
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These analytical results relate only to the sample identified in this report.

Sample No. **AS21050**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

VALHALLA, NY

Collection Point : RAW

ID of Source : WWD1

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

Received By : ERG
Bottle No : 13-2890
COC:

Collected By : MCQUILLAN
Collection Date : 09/30/2016 AT 8:21:00AM
Submitted On : 09/30/2016 AT 10:38:00AM
PWS No. : 5903488
Type Descriptor : 002 Source ID : 000
pH:

Free Cl₂ : Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

addtl Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/30/2016 AT 11:48:00AM		
Heterotrophic Plate Count	CFU/ml	360		SM20 9215B
Coliform, Most Probable Number	per 100ml	11		SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	2.0		SM20 9221E

E = Estimated Count

Approved By

Date Approved : 10/04/2016

Environmental Laboratories
NYS ELAP # 10108
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These analytical results relate only to the sample identified in this report.

Sample No. **AS21051**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : ERG

VALHALLA, NY

Bottle No : 14-3383

COC:

Collection Point : TREATED

ID of Source : WWD1

Collected By : MCQUILLAN

Collection Date : 09/30/2016 AT 8:20:00AM

Submitted On : 09/30/2016 AT 10:38:00AM

Agency : Westchester County DEF
Operations Bldg., Grasslands
Valhalla, NY 10595
Attn: Mike Ferraro

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH:

Free Cl₂ : 1.70

Residual Cl₂ :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Qualifier	Method
Date/Time Set		09/30/2016 AT 11:48:00AM		
Coliform Presence/Absence Test	per 100ml	Absent		Colilert-18
Heterotrophic Plate Count	CFU/ml	1		SM20 9215B

E = Estimated Count

Approved By

Date Approved : 10/03/2016

Environmental Laboratories
NYS ELAP # 10108
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These analytical results relate only to the sample identified in this report.