

Bureau of Water Supply Protection

Public Water System Name	Reporting Month/Year	Date Report Submitted	Source Water Type(s)
WWD#1 - Kensico Dam	Mar '16	04/08/16	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.	6,707		105	1.65	29	34	1.01
2	Kensico Res.	5,877		125	1.67	23	33	1.05
3	Kensico Res.	6,789		120	1.89	27	37	0.98
4	Kensico Res.	6,314		110	1.80	25	32	0.94
5	Kensico Res.	6,245		100	1.78	28	33	0.94
6	Kensico Res.	5,918		105	1.78	23	31	1.00
7	Kensico Res.	6,568		120	1.83	26	34	1.02
8	Kensico Res.	6,860		105	1.87	28	42	1.00
9	Kensico Res.	6,641		98	1.64	28	33	1.00
10	Kensico Res.	6,434		102	1.82	27	35	1.05
11	Kensico Res.	6,107		98	1.76	32	32	1.04
12	Kensico Res.	6,201		94	1.70	27	33	0.98
13	Kensico Res.	6,752		113	1.74	31	47	0.97
14	Kensico Res.	6,079		100	1.72	25	31	0.98
15	Kensico Res.	5,708		98	1.78	25	28	1.00
16	Kensico Res.	7,300		109	1.69	32	38	1.18
17	Kensico Res.	6,607		108	1.67	28	34	1.00
18	Kensico Res.	6,293		91	1.65	28	32	0.93
19	Kensico Res.	6,800		98	1.76	29	35	0.94
20	Kensico Res.	5,600		99	1.68	24	31	0.93
21	Kensico Res.	6,154		94	1.81	29	32	0.91
22	Kensico Res.	6,746		110	1.75	30	35	0.88
23	Kensico Res.	6,214		118	1.74	25	30	0.92
24	Kensico Res.	5,576		95	1.90	22	32	0.87
25	Kensico Res.	7,830		95	1.76	32	35	0.91
26	Kensico Res.	5,813		100	1.80	23	30	0.90
27	Kensico Res.	5,312		85	1.76	22	30	0.87
28	Kensico Res.	6,679		90	1.89	28	32	0.89
29	Kensico Res.	6,078		115	1.84	24	30	0.92
30	Kensico Res.	6,668		105	1.85	26	35	0.90
31	Kensico Res.	6,474		115	1.76	20	30	0.88
Total		197,344		3,220		826	1,036	
AVG.		6,366		104	1.77	27	33	0.96

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

Reported by: [Signature] Title: S.O.W. NYS DOH Operator Certification Number: N40032241
 Signature: [Signature] Date: 4/8/16 Operator Grade Level: IB

Microbiological Samples and Free Chlorine Residual

Sample Location	Date of Sample	Sample Type 1.Routine 2.Repeat 3.HTE	Total Coliform Positive	E.coli Positive	Free Chlorine Residual (mg/l)	Population Served: _____
Kensico Dam	03/01/16	1	No	No	1.65	Number of microbiological monitoring samples required: _____
Kensico Dam	03/02/16	1	No	No	1.67	Number of microbiological samples taken: <u>23</u>
Kensico Dam	03/03/16	1	No	No	1.89	Did an M&R violation occur? <u>No</u>
Kensico Dam	03/04/16	1	No	No	1.80	If "Yes", check reason(s) below: _____ Actual number of samples is fewer than required. _____ Did not collect/analyze repeat samples. _____ Did not collect/analyze for E.coli for positive total coliform from routine/repeat sample.
Kensico Dam	03/07/16	1	No	No	1.83	
Kensico Dam	03/08/16	1	No	No	1.87	
Kensico Dam	03/09/16	1	No	No	1.64	
Kensico Dam	03/10/16	1	No	No	1.82	
Kensico Dam	03/11/16	1	No	No	1.76	
Kensico Dam	03/14/16	1	No	No	1.72	
Kensico Dam	03/15/16	1	No	No	1.78	
Kensico Dam	03/16/16	1	No	No	1.69	
Kensico Dam	03/17/16	1	No	No	1.67	
Kensico Dam	03/18/16	1	No	No	1.65	Did an MCL violation occur? <u>No</u> If "Yes", check reason(s) below (see also Part 5, Table 6 for additional information). _____ For systems collecting less than 40 samples per month: two or more of the samples (routine and/or repeat) are positive for total coliform (=total coliform MCL violation). _____ For systems collecting 40 or more samples per month: more than 5% of the samples (routine and/or repeat) are positive for total coliform (=total coliform MCL violation). _____ The original sample was E.coli positive and at least 1 repeat sample was positive for total coliform (=E.coli MCL violation).
Kensico Dam	03/21/16	1	No	No	1.81	
Kensico Dam	03/22/16	1	No	No	1.75	
Kensico Dam	03/23/16	1	No	No	1.74	
Kensico Dam	03/24/16	1	No	No	1.90	
Kensico Dam	03/25/16	1	No	No	1.76	
Kensico Dam	03/28/16	1	No	No	1.89	
Kensico Dam	03/29/16	1	No	No	1.84	
Kensico Dam	03/30/16	1	No	No	1.85	
Kensico Dam	03/31/16	1	No	No	1.76	
						Reminder: System must collect a minimum of five (5) routine microbiological monitoring samples during the month following a repeat sample collection.
						As required by 5-1.72, "Operation of a Public Water System", a copy of this form shall be sent to your local health department by the 10th calendar day of the next reporting period.

Sample Collector(s): Larry Dema, Fred McQuillan

Name of NYSDOH Certified Laboratory: WCCLR 10108

Did any MCL violations occur? If so, please describe: _____

Did an emergency or low pressure problem occur? Did source water bypass an existing treatment process in the system? If so, please explain. _____

Comments: _____

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	Mar '16

Location VALHALLA
(C.V.T.)

County WESTCHESTER

RAW WATER TURBIDITY

DATE	0000	0400	0800	1200	1600	2000
1	1.00	1.00	0.99	0.97	0.99	1.01
2	0.96	0.99	1.00	0.98	0.96	0.96
3	0.95	0.95	0.95	0.93	1.29	0.93
4	0.96	0.93	1.06	0.92	0.92	0.92
5	0.90	0.92	0.91	0.92	0.95	0.92
6	0.92	0.94	0.94	0.92	0.93	0.95
7	0.94	0.95	0.96	0.89	0.92	0.98
8	0.94	0.97	0.97	0.95	0.93	0.97
9	0.96	0.93	0.99	0.98	0.98	0.99
10	0.97	0.99	1.01	0.98	0.98	0.98
11	0.97	0.96	0.98	0.97	0.94	0.95
12	0.91	0.92	0.93	0.90	0.91	0.92
13	0.90	0.92	0.92	0.89	0.94	0.91
14	0.89	0.91	0.90	0.88	0.89	0.90
15	0.88	0.93	0.98	0.95	0.93	0.92
16	0.91	0.93	0.93	0.93	0.92	0.90
17	0.89	0.89	0.94	0.91	0.91	0.89
18	0.89	0.87	0.91	0.87	0.86	0.86
19	0.85	0.85	0.87	0.85	0.86	0.84
20	0.83	0.84	0.85	0.89	0.86	0.85
21	0.87	0.87	0.89	0.88	0.87	0.86
22	0.83	0.81	0.90	0.82	0.84	0.82
23	0.92	0.85	0.91	0.86	0.83	0.83
24	0.84	0.81	0.85	0.84	0.85	0.82
25	0.80	0.81	0.85	0.85	0.85	0.85
26	0.84	0.88	0.86	0.91	0.87	0.83
27	0.84	0.84	0.85	0.86	0.85	0.83
28	0.85	0.85	0.87	0.88	0.86	0.86
29	0.98	0.93	1.01	0.89	0.90	0.87
30	0.85	0.87	0.91	0.87	0.86	0.85
31	0.85	0.86	0.88	0.83	0.88	0.85

DATE	Total Coliform per 100 ml, Colonies	Fecal Coliform per 100ml, Colonies
1	<1.8	<1.8
2	<1.8	<1.8
3	<1.8	<1.8
4	<1.8	<1.8
5		
6		
7	<1.8	<1.8
8	2.0	<1.8
9	<1.8	<1.8
10	<1.8	<1.8
11	<1.8	<1.8
12		
13		
14	7.8	4.5
15	1.8	<1.8
16	<1.8	<1.8
17	<1.8	<1.8
18	<1.8	<1.8
19		
20		
21	1.8	1.8
22	<1.8	<1.8
23	<1.8	<1.8
24	<1.8	<1.8
25	<1.8	<1.8
26		
27		
28	<1.8	<1.8
29	6.8	2.0
30	<1.8	<1.8
31	<1.8	<1.8

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 Mg/l					
	0000	0400	0800	1200	1600	2000
1	1.51	1.73	1.76	1.73	1.50	1.74
2	1.89	1.59	1.76	1.88	1.88	2.11
3	2.00	1.98	2.11	1.86	1.22	1.84
4	1.73	1.71	1.82	1.75	1.77	1.60
5	1.75	1.52	1.57	1.86	1.79	1.80
6	1.71	1.87	1.73	1.79	1.81	1.87
7	1.55	1.66	1.85	1.84	1.79	1.84
8	1.67	1.52	1.88	1.83	1.57	1.79
9	1.64	1.62	1.82	1.55	1.81	1.81
10	1.71	1.60	1.84	1.76	1.72	1.82
11	1.62	1.64	1.82	1.71	1.70	1.75
12	1.52	1.55	1.65	1.74	1.48	1.76
13	1.52	1.66	1.56	1.47	1.79	1.79
14	1.65	1.68	1.84	1.76	1.72	1.57
15	1.44	1.52	1.75	1.77	1.72	1.65
16	1.47	1.57	2.28	1.83	1.55	1.59
17	1.45	1.54	1.76	1.75	1.68	1.57
18	1.52	1.56	1.68	1.70	1.70	1.52
19	1.47	1.51	1.53	1.73	1.71	1.47
20	1.51	1.50	1.42	1.78	1.78	1.57
21	1.63	1.62	1.81	1.68	1.69	1.55
22	1.52	1.51	1.72	1.73	1.49	1.51
23	1.53	1.48	1.73	1.76	1.72	1.52
24	1.53	1.55	1.80	1.86	1.84	1.66
25	1.62	1.63	1.70	1.78	1.77	1.54
26	1.59	1.51	1.51	1.75	1.77	1.56
27	1.49	1.55	1.57	1.78	1.75	1.51
28	1.55	1.52	1.77	1.78	1.84	1.64
29	1.60	1.57	1.81	1.79	1.75	1.58
30	1.62	1.61	1.84	1.78	1.55	1.62
31	1.55	1.55	1.82	1.75	1.72	1.59

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.

DATE	CT VALUE COMPUTATION					Reqd. CT Value mg.min/l
	Water pH	Water Temp °C	Free Chlorine Residual mg/l	Contact Time, min	CT Value mg.min/l	
1	7.39	4.3	1.65			
2	7.40	4.6	1.67			
3	7.50	4.5	1.89			
4	7.50	4.5	1.80			
5	7.42	4.5	1.78			
6	7.41	4.3	1.78			
7	7.38	4.5	1.83			
8	7.40	4.7	1.87			
9	7.36	5.0	1.64			
10	7.41	5.2	1.82			
11	7.42	5.5	1.76			
12	7.47	5.6	1.70			
13	7.50	5.7	1.74			
14	7.43	5.8	1.72			
15	7.45	6.0	1.78			
16	7.48	6.1	1.69			
17	7.45	6.0	1.67			
18	7.40	6.0	1.65			
19	7.48	6.3	1.76			
20	7.51	6.3	1.68			
21	7.55	6.4	1.81			
22	7.50	6.6	1.75			
23	7.45	6.5	1.74			
24	7.47	6.5	1.90			
25	7.50	6.8	1.76			
26	7.47	6.9	1.80			
27	7.43	6.7	1.76			
28	7.37	6.7	1.89			
29	7.54	7.0	1.84			
30	7.47	7.3	1.85			
31	7.40	7.1	1.76			

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/l(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.

Reported by M. S. S. S. S. S. Date 04/08/16

Title S. O. W. Signature [Signature] Cert. No. N403224

WESTCHESTER COUNTY WATER DISTRICT #1

LT2 COMPLIANT WATER REPORT 2016

MARCH	LT2 COMPLIANT WATER GAL.	NON COMPLIANT WATER GAL.
WHITE PLAINS	0	210,201,400
SCARSDALE	29,513,000	0
YONKERS	212,743	0
MOUNT VERNON	224,265,000	0
MONTHLY TOTAL	466,521,000	210,201,400

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 : 22-5117

COC:

Collection Point : TREATED

Collected By : DEMA

ID of Source : WWD1

Collection Date : 03/01/2016 AT 9:35:00AM

Submitted On : 03/01/2016 AT 12:14:00PM

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 : 1.65

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/01/2016 AT 2:51:00PM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	10	SM20 9215B

Approved By

Date Approved : 03/03/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 23-1146

COC:

Collection Point : RAW

Collected By : DEMA

ID of Source : WWD1

Collection Date : 03/01/2016 AT 9:38:00AM

Submitted On : 03/01/2016 AT 12:14:00PM

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	Method
Date/Time Set		03/01/2016 AT 2:51:00PM	
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

Approved By

Date Approved : 03/07/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 27-2436

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/02/2016 AT 11:16:00AM

Submitted On : 03/02/2016 AT 1:07:00PM

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	Method
Date/Time Set		03/02/2016 AT 2:38:00PM	
Heterotrophic Plate Count	CFU/ml	32	SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221E

Approved By

Date Approved : 03/04/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 28-3076

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/02/2016 AT 11:15:00AM

Submitted On : 03/02/2016 AT 1:07:00PM

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

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/02/2016 AT 2:38:00PM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	12	SM20 9215B

Approved By

Date Approved : 03/04/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 10-1166

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/03/2016 AT 8:16:00AM

Submitted On : 03/03/2016 AT 10:52:00AM

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	Method
Date/Time Set		03/03/2016 AT 11:50:00AM	
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

Approved By

Date Approved : 03/07/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 11-2577

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/03/2016 AT 8:15:00AM

Submitted On : 03/03/2016 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 : 2.10

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/03/2016 AT 11:50:00AM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count NOTE: ESTC 399	CFU/ml	>300	SM20 9215B

Approved By

Date Approved : 03/07/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 11-3211

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/04/2016 AT 8:49:00AM

Submitted On : 03/04/2016 AT 9:58:00AM

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 ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/04/2016 AT 11:45:00AM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	12	SM20 9215B

Approved By

Date Approved : 03/07/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 12-2670

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/04/2016 AT 8:50:00AM

Submitted On : 03/04/2016 AT 9:58:00AM

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	Method
Date/Time Set		03/04/2016 AT 11:45:00AM	
Heterotrophic Plate Count	CFU/ml	22	SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221E

Approved By

Date Approved : 03/07/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 28-3186

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/07/2016 AT 9:41:00AM

Submitted On : 03/07/2016 AT 10:37:00AM

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	Method
Date/Time Set		03/07/2016 AT 12:25:00PM	
Heterotrophic Plate Count	CFU/ml	26	SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221E

Approved By

Date Approved : 03/09/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 29-8050

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/07/2016 AT 9:40:00AM

Submitted On : 03/07/2016 AT 10:37:00AM

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 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/07/2016 AT 12:25:00PM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	6	SM20 9215B

Approved By

Date Approved : 03/09/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

Sample No. **AS04501**

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 : 30-9

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/07/2016 AT 9:42:00AM

Submitted On : 03/07/2016 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 :

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/07/2016 AT 12:07:00PM	
Diatomaceae Organisms ASTERIONELLA-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	144	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.

Approved By *David Vinci*

Organic Supervisor

Date Approved : 03/08/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 35-2194

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/08/2016 AT 10:00:00AM

Submitted On : 03/08/2016 AT 12:24:00PM

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 : 1.85

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/08/2016 AT 3:02:00PM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	10	SM20 9215B

Approved By

Date Approved : 03/11/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 36-1093

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/08/2016 AT 10:02:00AM

Submitted On : 03/08/2016 AT 12:24:00PM

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

add'l Report To :

Sample Type : POT_SRC

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/08/2016 AT 3:02:00PM	
Heterotrophic Plate Count	CFU/ml	17	SM20 9215B
Coliform, Most Probable Number	per 100ml	2.0	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221E

Approved By

Date Approved : 03/14/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 26-2894

COC:

Collected By : MCQUILLAN

Collection Date : 03/09/2016 AT 10:20:00AM

Submitted On : 03/09/2016 AT 11:38:00AM

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	Method
Date/Time Set		03/09/2016 AT 2:44:00PM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	6	SM20 9215B

Approved By

Date Approved : 03/11/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 27-1999

COC:

Collected By : MCQUILLAN

Collection Date : 03/09/2016 AT 10:21:00AM

Submitted On : 03/09/2016 AT 11:38:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH :

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

add'l Report To :

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/09/2016 AT 2:44:00PM	
Heterotrophic Plate Count	CFU/ml	12	SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221E

Approved By

Date Approved : 03/11/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 25-2746

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/10/2016 AT 10:33:00AM

Submitted On : 03/10/2016 AT 12:19:00PM

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	Method
Date/Time Set		03/10/2016 AT 2:12:00PM	
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

Approved By

Date Approved : 03/14/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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

Bottle No : 26-2937

COC:

Collected By : MCQUILLAN

Collection Date : 03/10/2016 AT 10:32:00AM

Submitted On : 03/10/2016 AT 12:19:00PM

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

add'l Report To :

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/10/2016 AT 2:12:00PM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	6	SM20 9215B

Approved By

Date Approved : 03/14/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 21-2776

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/11/2016 AT 11:02:00AM

Submitted On : 03/11/2016 AT 11:38:00AM

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 : 1.75

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/11/2016 AT 11:46:00AM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	20	SM20 9215B

Approved By

Date Approved : 03/14/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 22-3084

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/11/2016 AT 11:03:00AM

Submitted On : 03/11/2016 AT 11:38:00AM

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	Method
Date/Time Set		03/11/2016 AT 11:46:00AM	
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

Approved By

Date Approved : 03/14/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 14-2693

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/14/2016 AT 9:08:00AM

Submitted On : 03/14/2016 AT 9:55:00AM

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	Method
Date/Time Set		03/14/2016 AT 11:56:00AM	
Heterotrophic Plate Count	CFU/ml	13	SM20 9215B
Coliform, Most Probable Number	per 100ml	7.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	4.5	SM20 9221E

Approved By

Date Approved : 03/18/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 15-3361

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/14/2016 AT 9:07:00AM

Submitted On : 03/14/2016 AT 9:55:00AM

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 : 1.72

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/14/2016 AT 11:56:00AM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	13	SM20 9215B

Approved By

Date Approved : 03/16/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 36-2779

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/15/2016 AT 10:10:00AM

Submitted On : 03/15/2016 AT 12:42:00PM

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 : 1.78

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/15/2016 AT 2:45:00PM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	8	SM20 9215B

Approved By

Date Approved : 03/17/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 37-1810

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/15/2016 AT 10:11:00AM

Submitted On : 03/15/2016 AT 12:42:00PM

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	Method
Date/Time Set		03/15/2016 AT 2:46:00PM	
Heterotrophic Plate Count	CFU/ml	23	SM20 9215B
Coliform, Most Probable Number	per 100ml	1.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221E

Approved By

Date Approved : 03/21/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 29-2005

COC:

Collected By : DEMA

Collection Date : 03/16/2016 AT 8:02:00AM

Submitted On : 03/16/2016 AT 2:14:00PM

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	Method
Date/Time Set		03/16/2016 AT 2:38:00PM	
Heterotrophic Plate Count	CFU/ml	103	SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221E

Approved By

Date Approved : 03/18/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 30-7117

COC:

Collected By : DEMA

Collection Date : 03/16/2016 AT 8:00:00AM

Submitted On : 03/16/2016 AT 2:14:00PM

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	Method
Date/Time Set		03/16/2016 AT 2:38:00PM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	10	SM20 9215B

Approved By

Date Approved : 03/18/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 5-7288

COC:

Collection Point : TREATED

Collected By : DEMA

ID of Source : WWD1

Collection Date : 03/17/2016 AT 9:00:00AM

Submitted On : 03/17/2016 AT 9:37:00AM

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 : 1.66

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/17/2016 AT 11:36:00AM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	7	SM20 9215B

Approved By

Date Approved : 03/21/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 6-1930

COC:

Collection Point : RAW

Collected By : DEMA

ID of Source : WWD1

Collection Date : 03/17/2016 AT 9:03:00AM

Submitted On : 03/17/2016 AT 9:37:00AM

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	Method
Date/Time Set		03/17/2016 AT 11:36:00AM	
Heterotrophic Plate Count	CFU/ml	20	SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221E

Approved By

Date Approved : 03/21/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 17-2859

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/18/2016 AT 10:50:00AM

Submitted On : 03/18/2016 AT 11:21:00AM

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

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/18/2016 AT 11:55:00AM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	8	SM20 9215B

Approved By

Date Approved : 03/21/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 18-2448

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/18/2016 AT 10:52:00AM

Submitted On : 03/18/2016 AT 11:21:00AM

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	Method
Date/Time Set		03/18/2016 AT 11:55:00AM	
Heterotrophic Plate Count	CFU/ml	22	SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221E

Approved By

Date Approved : 03/21/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : DM ERG

VALHALLA, NY

Bottle No : 25-3199

COC:

Collection Point : RAW

Collected By : DEMA

ID of Source : WWD1

Collection Date : 03/21/2016 AT 9:02:00AM

Submitted On : 03/21/2016 AT 11:53:00AM

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	Method
Date/Time Set		03/21/2016 AT 2:39:00PM	
Heterotrophic Plate Count Note: ESTC 1474	CFU/ml	>300	SM20 9215B
Coliform, Most Probable Number	per 100ml	1.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	1.8	SM20 9221E

Approved By

Date Approved : 03/24/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : DM ERG

VALHALLA, NY

Bottle No : 26-7153

COC:

Collection Point : TREATED

Collected By : DEMA

ID of Source : WWD1

Collection Date : 03/21/2016 AT 9:00:00AM

Submitted On : 03/21/2016 AT 11:54:00AM

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 ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/21/2016 AT 2:39:00PM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	20	SM20 9215B

Approved By

Date Approved : 03/23/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 23-3348

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/22/2016 AT 10:43:00AM

Submitted On : 03/22/2016 AT 12:24:00PM

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	Method
Date/Time Set		03/22/2016 AT 2:24:00PM	
Heterotrophic Plate Count	CFU/ml	22	SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221E

Approved By

Date Approved : 03/24/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : NM ERG

Bottle No : 24-7001

COC:

Collected By : MCQUILLAN

Collection Date : 03/22/2016 AT 10:42:00AM

Submitted On : 03/22/2016 AT 12:24:00PM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH :

Free Cl2 : 1.75

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/22/2016 AT 2:24:00PM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	10	SM20 9215B

Approved By

Date Approved : 03/24/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 ERG

Bottle No : 22-3362

COC:

Collected By : MCQUILLAN

Collection Date : 03/23/2016 AT 10:52:00AM

Submitted On : 03/23/2016 AT 12:19:00PM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH :

Free Cl2 : 1.75

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/23/2016 AT 2:18:00PM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	13	SM20 9215B

Approved By

Date Approved : 03/28/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 23-3049

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/23/2016 AT 10:53:00AM

Submitted On : 03/23/2016 AT 12:19:00PM

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	Method
Date/Time Set		03/23/2016 AT 2:19:00PM	
Heterotrophic Plate Count	CFU/ml	58	SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221E

Approved By

Date Approved : 03/28/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 13-3351

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/24/2016 AT 9:55:00AM

Submitted On : 03/24/2016 AT 12:00:00PM

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 : 1.90

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/24/2016 AT 2:22:00PM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	6	SM20 9215B

Approved By

Date Approved : 03/28/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 14-2687

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/24/2016 AT 9:56:00AM

Submitted On : 03/24/2016 AT 12:00:00PM

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	Method
Date/Time Set		03/24/2016 AT 2:22:00PM	
Heterotrophic Plate Count	CFU/ml	12	SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221E

Approved By

Date Approved : 03/28/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 13-2462

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/25/2016 AT 8:52:00AM

Submitted On : 03/25/2016 AT 11:12:00AM

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	Method
Date/Time Set		03/25/2016 AT 11:48:00AM	
Heterotrophic Plate Count	CFU/ml	12	SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221E

Approved By

Date Approved : 03/28/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 14-2855

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/25/2016 AT 8:50:00AM

Submitted On : 03/25/2016 AT 11:12:00AM

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 : 1.75

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/25/2016 AT 11:48:00AM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	3	SM20 9215B

Approved By

Date Approved : 03/28/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 11-2593

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/28/2016 AT 9:51:00AM

Submitted On : 03/28/2016 AT 11:38:00AM

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

add'l Report To :

Sample Type : POT_SRC

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/28/2016 AT 11:55:00AM	
Heterotrophic Plate Count	CFU/ml	18	SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221E

Approved By

Date Approved : 03/30/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 ERG

Bottle No : 12-2979

COC:

Collected By : MCQUILLAN

Collection Date : 03/28/2016 AT 9:50:00AM

Submitted On : 03/28/2016 AT 11:38:00AM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH :

Free Cl2 : 1.90

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/28/2016 AT 11:55:00AM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	5	SM20 9215B

Approved By

Date Approved : 03/30/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 14-2106

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/29/2016 AT 10:00:00AM

Submitted On : 03/29/2016 AT 1:05:00PM

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	Method
Date/Time Set		03/29/2016 AT 2:12:00PM	
Heterotrophic Plate Count	CFU/ml	10	SM20 9215B
Coliform, Most Probable Number	per 100ml	6.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	2.0	SM20 9221E

Approved By

Date Approved : 04/04/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 15-3055

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/29/2016 AT 9:58:00AM

Submitted On : 03/29/2016 AT 1:05:00PM

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 : 1.85

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/29/2016 AT 2:12:00PM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	5	SM20 9215B

Approved By

Date Approved : 03/31/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 10-3089

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/30/2016 AT 9:10:00AM

Submitted On : 03/30/2016 AT 10:02:00AM

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 : 1.85

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/30/2016 AT 11:56:00AM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	4	SM20 9215B

Approved By

Date Approved : 04/01/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 11-1091

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/30/2016 AT 9:11:00AM

Submitted On : 03/30/2016 AT 10:02:00AM

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	Method
Date/Time Set		03/30/2016 AT 11:56:00AM	
Heterotrophic Plate Count	CFU/ml	10	SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221E

Approved By

Date Approved : 04/01/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 ERG
Bottle No : 19-7094
COC:

Collection Point :

ID of Source : WWD1

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

Collected By : MCQUILLAN
Collection Date : 03/31/2016 AT 9:20:00AM
Submitted On : 03/31/2016 AT 11:50:00AM
PWS No. : 5903488

Type Descriptor : 022 **Source ID :** 000

pH :

Free Cl2 : 1.76

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/31/2016 AT 2:29:00PM	
Coliform Presence/Absence Test	per 100ml	Absent	Colilert-18
Heterotrophic Plate Count	CFU/ml	6	SM20 9215B

Approved By

Date Approved : 04/04/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

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 : 20-3045

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 03/31/2016 AT 9:21:00AM

Submitted On : 03/31/2016 AT 11:50:00AM

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	Method
Date/Time Set		03/31/2016 AT 2:29:00PM	
Heterotrophic Plate Count	CFU/ml	4	SM20 9215B
Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221B
Fecal Coliform, Most Probable Number	per 100ml	<1.8	SM20 9221E

Approved By

Date Approved : 04/04/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

Public Water System Name	Reporting Month/Year	Date Report Submitted	Source Water Type(s)
WWD #1 Shaft 22	Mar '16	04/08/16	Surface Water
Public Water System ID	County	Town, Village, or City	
NY 5903488	Westchester	Yonkers	

DATE	Source(s) in Use	Treated water volume (1,000 gallons/day)	Chlorination			Other Treatments / Readings			
			Chlorine used per day (lbs)	Free chlorine residual at entry point (mg/l)	Caustic Gal Used	Ortho Gal Used	Treated Turb	pH	
1	Del. Aq	14,200	220	1.33	185	110	1.05	7.70	
2	Del. Aq	14,000	275	1.49	215	120	0.99	7.83	
3	Del. Aq	14,400	220	1.31	185	120	1.00	7.80	
4	Del. Aq	14,736	220	1.57	160	135	0.96	7.70	
5	Del. Aq	14,099	275	1.71	190	125	0.98	7.50	
6	Del. Aq	15,565	220	1.45	195	110	0.95	7.20	
7	Del. Aq	14,200	275	1.75	195	120	0.90	7.90	
8	Del. Aq	14,200	220	1.52	230	120	1.00	7.22	
9	Del. Aq	14,700	275	1.49	105	50	0.97	7.00	
10	Del. Aq	14,400	220	1.46	160	95	1.00	7.50	
11	Del. Aq	12,908	275	1.55	158	132	0.97	7.60	
12	Del. Aq	14,114	220	1.45	142	123	0.95	7.44	
13	Del. Aq	16,278	220	1.40	170	130	0.93	7.45	
14	Del. Aq	14,100	275	1.55	150	120	0.91	7.15	
15	Del. Aq	14,600	275	1.60	55	35	1.00	7.51	
16	Del. Aq	13,400	275	1.50	160	110	0.95	6.58	
17	Del. Aq	14,600	220	1.40	190	130	0.95	7.50	
18	Del. Aq	13,100	275	1.55	185	135	0.88	7.50	
19	Del. Aq	14,600	220	1.60	140	90	0.93	7.40	
20	Del. Aq	13,100	275	1.40	75	0	0.96	7.48	
21	Del. Aq	14,700	220	1.50	185	125	0.93	7.53	
22	Del. Aq	13,500	220	1.35	185	130	0.87	7.51	
23	Del. Aq	13,700	220	1.37	215	115	0.91	7.50	
24	Del. Aq	13,100	220	1.17	175	125	0.86	7.50	
25	Del. Aq	13,944	220	1.55	210	130	0.95	7.50	
26	Del. Aq	14,191	220	1.17	205	125	0.88	7.28	
27	Del. Aq	12,865	220	1.11	195	120	0.91	7.51	
28	Del. Aq	13,600	220	1.68	150	120	0.85	7.43	
29	Del. Aq	14,000	220	1.22	185	125	0.86	7.50	
30	Del. Aq	14,300	220	1.50	165	120	0.87	7.46	
31	Del. Aq	12,300	275	1.50	165	120	0.83	7.53	
Total		435,500	7,425		5,280	3,465			
AVG.		14,048	240	1.46	170	112	0.93	7.46	

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

Reported by: [Signature] Title: S.O.W. NYS DOH Operator Certification Number: NY002241
 Signature: [Signature] Date: 4/8/16 Operator Grade Level: FB

Microbiological Samples and Free Chlorine Residual

Sample Location	Date of Sample	Sample Type 1.Routine 2.Repeat 3.HTE	Total Coliform Positive	E.coli Positive	Free Chlorine Residual (mg/l)	Population Served: _____	
Shaft 22	03/01/16	1	No	No	1.33	Number of microbiological monitoring samples required: <u>8</u>	
Shaft 22	03/03/16	1	No	No	1.31	Number of microbiological samples taken: <u>8</u>	
Shaft 22	03/07/16	1	No	No	1.75	Did an M&R violation occur? <u>No</u>	
Shaft 22	03/10/16	1	No	No	1.46	If "Yes", check reason(s) below: Actual number of samples is fewer than required. Did not collect/analyze repeat samples. Did not collect/analyze for E.coli for positive total coliform from routine/repeat sample.	
Shaft 22	03/15/16	1	No	No	1.60		
Shaft 22	03/16/16	1	No	No	1.50		
Shaft 22	03/22/16	1	No	No	1.35		
Shaft 22	03/24/16	1	No	No	1.17		
							Did an MCL violation occur? <u>No</u>
							If "Yes", check reason(s) below (see also Part 5, Table 6 for additional information). For systems collecting less than 40 samples per month: two or more of the samples (routine and/or repeat) are positive for total coliform (=total coliform MCL violation). For systems collecting 40 or more samples per month: more than 5% of the samples (routine and/or repeat) are positive for total coliform (=total coliform MCL violation). The original sample was E.coli positive and at least 1 repeat sample was positive for total coliform (=E.coli MCL violation). Reminder: System must collect a minimum of five (5) routine microbiological monitoring samples during the month following a repeat sample collection.
						As required by 5-1.72, "Operation of a Public Water System", a copy of this form shall be sent to your local health department by the 10th calendar day of the next reporting period.	

Sample Collector(s): Larry Dema, Fred McQuillan

Name of NYSDOH Certified Laboratory: WCCLR 10108

Did any MCL violations occur? If so, please describe:

Did an emergency or low pressure problem occur? Did source water bypass an existing treatment process in the system? If so, please explain.

Comments: _____

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : SHAFT 22

YONKERS, NY

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 : 24-2386

COC:

Collected By : DEMA

Collection Date : 03/01/2016 AT 8:00:00AM

Submitted On : 03/01/2016 AT 12:14:00PM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH :

Free Cl2 : 1.37

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/01/2016 AT 2:51:00PM	
Heterotrophic Plate Count	CFU/ml	2	SM20 9215B
Coliform, Presence/Absence Test	per 100ml	Absent	SM20 9221D

Approved By

Date Approved : 03/03/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : SHAFT 22

Received By : NM

YONKERS, NY

Bottle No : 39-3222

COC:

Collection Point : TREATED

Collected By : DEMA

ID of Source : WWD1

Collection Date : 03/03/2016 AT 8:20:00AM

Submitted On : 03/03/2016 AT 1:48:00PM

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 : 1.34

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/03/2016 AT 2:23:00PM	
Heterotrophic Plate Count	CFU/ml	1	SM20 9215B
Coliform, Presence/Absence Test	per 100ml	Absent	SM20 9221D

Approved By

Date Approved : 03/07/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : SHAFT 22
YONKERS, NY

Received By : ERG NM
Bottle No : 21-1540
COC:

Collection Point : TREATED

Collected By : DEMA
Collection Date : 03/07/2016 AT 8:35:00AM
Submitted On : 03/07/2016 AT 9:58:00AM
PWS No. : 5903488

ID of Source : WWD1

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

Type Descriptor : 022 **Source ID :** 000
pH :
Free Cl2 : 1.74 **Residual Cl2 :**
Sample chilled on arrival ? : NA
Sample Type : POT_DW

add'l Report To :

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/07/2016 AT 10:44:00AM	
Diatomaceae Organisms	ASU per ml	54	SM1810200F
SYNEDRA-8			
ASTERIONELLA-8			
MELOSIRA-8			
TABELLARIA-30			
Chlorophyceae Organisms	ASU per ml	0	SM1810200F
Cyanophyceae Organisms	ASU per ml	0	SM1810200F
Protozoa Organisms	ASU per ml	175	SM1810200F
AMOEBA-152			
DINOBRYON-23			
Rotifera Organisms	ASU per ml	0	SM1810200F
Crustaceae Organisms	ASU per ml	0	SM1810200F
Other Microscopic Organisms	ASU per ml	15	SM1810200F
UNKNOWN-15			
Total Microscopic Organisms	ASU per ml	244	SM18 10200F
Amorphous Matter	ASU per ml	144	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.

Approved By David Vinci

Organic Supervisor

Date Approved : 03/08/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : SHAFT 22

Received By : ERG NM

YONKERS, NY

Bottle No : 22-3144

COC:

Collection Point : TREATED

Collected By : DEMA

ID of Source : WWD1

Collection Date : 03/07/2016 AT 8:30:00AM

Submitted On : 03/07/2016 AT 9:58:00AM

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

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/07/2016 AT 11:22:00AM	
Heterotrophic Plate Count	CFU/ml	25	SM20 9215B
Coliform, Presence/Absence Test	per 100ml	Absent	SM20 9221D

Approved By

Date Approved : 03/09/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : SHAFT 22

Received By : NM ERG

YONKERS, NY

Bottle No : 22-3146

COC:

Collection Point : TREATED

Collected By : DEMA

ID of Source : WWD1

Collection Date : 03/10/2016 AT 11:10:00AM

Submitted On : 03/10/2016 AT 11:30:00AM

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 : 1.49

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/10/2016 AT 2:11:00PM	
Heterotrophic Plate Count Note: ESTC 4682	CFU/ml	>300	SM20 9215B
Coliform, Presence/Absence Test	per 100ml	Absent	SM20 9221D

Approved By

Date Approved : 03/14/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : SHAFT 22

Received By : NM ERG

YONKERS, NY

Bottle No : 24-2128

COC:

Collection Point : TREATED

Collected By : DEMA

ID of Source : WWD1

Collection Date : 03/15/2016 AT 8:30:00AM

Submitted On : 03/15/2016 AT 11:26:00AM

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 : 1.54

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/15/2016 AT 2:45:00PM	
Heterotrophic Plate Count	CFU/ml	45	SM20 9215B
Coliform, Presence/Absence Test	per 100ml	Absent	SM20 9221D

Approved By

Date Approved : 03/17/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : SHAFT 22

Received By : NM

YONKERS, NY

Bottle No : 28-2666

COC:

Collection Point : TREATED

Collected By : DEMA

ID of Source : WWD1

Collection Date : 03/16/2016 AT 9:15:00AM

Submitted On : 03/16/2016 AT 2:14:00PM

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 : 1.48

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/16/2016 AT 2:38:00PM	
Heterotrophic Plate Count	CFU/ml	1	SM20 9215B
Coliform, Presence/Absence Test	per 100ml	Absent	SM20 9221D

Approved By

Date Approved : 03/18/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : SHAFT 22

Received By : ERG NM

YONKERS, NY

Bottle No : 6-8121

COC:

Collection Point : TREATED

Collected By : DEMA

ID of Source : WWD1

Collection Date : 03/22/2016 AT 8:30:00AM

Submitted On : 03/22/2016 AT 9:28:00AM

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 : 1.30

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/22/2016 AT 11:56:00AM	
Heterotrophic Plate Count	CFU/ml	226	SM20 9215B
Coliform, Presence/Absence Test	per 100ml	Absent	SM20 9221D

Approved By

Date Approved : 03/24/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : SHAFT 22

Received By : NM ERG

YONKERS, NY

Bottle No : 23-2585

COC:

Collection Point : TREATED

Collected By : DEMA

ID of Source : WWD1

Collection Date : 03/24/2016 AT 8:20:00AM

Submitted On : 03/24/2016 AT 1:11:00PM

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 : 1.17

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

Test Description	Units	Results	Method
Date/Time Set		03/24/2016 AT 2:23:00PM	
Heterotrophic Plate Count	CFU/ml	52	SM20 9215B
Coliform, Presence/Absence Test	per 100ml	Absent	SM20 9221D

Approved By

Date Approved : 03/28/2016

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

EMAIL Copy 4/8/2016

Page 1 of 1

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