

Robert P. Astorino
County Executive

Department of Environmental Facilities

Thomas J. Lauro, P.E.
Commissioner

September 8, 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 August 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

270 North Avenue
New Rochelle, New York 10801

Telephone: (914) 813-5400

Fax: (914) 813-5460

Website: westchestergov.com

Westchester County Water District #1

LT2 Compliant water report 2016

| August | LT2 Compliant Water Gallons | Non Compliant Water Gallons |
|---------------|--------------------------------|--------------------------------|
| White Plains | 0 | 279,380,000 |
| Scarsdale | 0 | 170,512,000 |
| Yonkers | 224,552,000 | 0 |
| Mount Vernon | 254,716,000 | 0 |
| Monthly Total | 479,268,000 | 449,892,000 |

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 | Aug '16 | 09/07/16 | 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. | 12,806 | 200 | 1.75 | | 140 | 68 | 0.48 |
| 2 | Kensico Res. | 15,053 | 215 | 1.69 | | 145 | 72 | 0.47 |
| 3 | Kensico Res. | 14,367 | 245 | 1.77 | | 165 | 88 | 0.47 |
| 4 | Kensico Res. | 15,060 | 241 | 1.83 | | 174 | 77 | 0.46 |
| 5 | Kensico Res. | 15,595 | 248 | 1.68 | | 180 | 79 | 0.49 |
| 6 | Kensico Res. | 14,871 | 229 | 1.75 | | 163 | 76 | 0.57 |
| 7 | Kensico Res. | 16,334 | 276 | 1.77 | | 168 | 86 | 0.57 |
| 8 | Kensico Res. | 16,995 | 271 | 1.75 | | 173 | 87 | 0.52 |
| 9 | Kensico Res. | 16,691 | 255 | 1.67 | | 187 | 89 | 0.48 |
| 10 | Kensico Res. | 12,930 | 200 | 1.72 | | 150 | 66 | 0.46 |
| 11 | Kensico Res. | 14,683 | 230 | 1.83 | | 157 | 77 | 0.49 |
| 12 | Kensico Res. | 13,501 | 220 | 1.80 | | 154 | 70 | 0.48 |
| 13 | Kensico Res. | 13,400 | 217 | 1.75 | | 156 | 70 | 0.49 |
| 14 | Kensico Res. | 12,890 | 213 | 2.07 | | 148 | 70 | 0.47 |
| 15 | Kensico Res. | 15,010 | 220 | 1.68 | | 72 | 94 | 0.46 |
| 16 | Kensico Res. | 13,125 | 220 | 1.64 | | 151 | 66 | 0.43 |
| 17 | Kensico Res. | 14,225 | 225 | 1.83 | | 163 | 73 | 0.46 |
| 18 | Kensico Res. | 14,612 | 240 | 1.75 | | 173 | 70 | 0.40 |
| 19 | Kensico Res. | 14,395 | 230 | 1.85 | | 170 | 84 | 0.45 |
| 20 | Kensico Res. | 13,466 | 210 | 1.81 | | 165 | 70 | 0.43 |
| 21 | Kensico Res. | 12,055 | 175 | 1.91 | | 145 | 63 | 0.43 |
| 22 | Kensico Res. | 12,652 | 225 | 1.68 | | 160 | 68 | 0.40 |
| 23 | Kensico Res. | 13,994 | 215 | 1.75 | | 170 | 65 | 0.38 |
| 24 | Kensico Res. | 15,446 | 245 | 1.80 | | 175 | 80 | 0.42 |
| 25 | Kensico Res. | 13,835 | 200 | 1.70 | | 170 | 72 | 0.42 |
| 26 | Kensico Res. | 15,289 | 246 | 1.70 | | 189 | 80 | 0.45 |
| 27 | Kensico Res. | 14,328 | 214 | 1.77 | | 174 | 81 | 0.44 |
| 28 | Kensico Res. | 15,014 | 235 | 1.69 | | 187 | 82 | 0.45 |
| 29 | Kensico Res. | 16,832 | 260 | 1.55 | | 210 | 95 | 0.45 |
| 30 | Kensico Res. | 15,932 | 250 | 1.64 | | 195 | 83 | 0.44 |
| 31 | Kensico Res. | 14,656 | 230 | 1.67 | | 175 | 72 | 0.44 |
| Total | | 450,042 | 7,100 | | | 5,104 | 2,373 | |
| AVG. | | 14,517 | 229 | 1.75 | | 165 | 77 | 0.46 |

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: 9/8/16 Operator Grade Level: IB

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 | Aug '16 |

Location VALHALLA
 (C.V.T.)

County WESTCHESTER

RAW WATER TURBIDITY

| DATE | 0000 | 0400 | 0800 | 1200 | 1600 | 2000 |
|------|------|------|------|------|------|------|
| 1 | 0.32 | 0.34 | 0.41 | 0.34 | 0.33 | 0.35 |
| 2 | 0.31 | 0.36 | 0.41 | 0.35 | 0.35 | 0.34 |
| 3 | 0.33 | 0.38 | 0.42 | 0.37 | 0.36 | 0.34 |
| 4 | 0.34 | 0.38 | 0.45 | 0.39 | 0.36 | 0.38 |
| 5 | 0.34 | 0.43 | 0.45 | 0.41 | 0.38 | 0.41 |
| 6 | 0.38 | 0.42 | 0.45 | 0.42 | 0.39 | 0.39 |
| 7 | 0.38 | 0.42 | 0.45 | 0.40 | 0.41 | 0.42 |
| 8 | 0.38 | 0.43 | 0.47 | 0.42 | 0.40 | 0.40 |
| 9 | 0.39 | 0.44 | 0.46 | 0.41 | 0.41 | 0.38 |
| 10 | 0.39 | 0.45 | 0.48 | 0.40 | 0.37 | 0.37 |
| 11 | 0.36 | 0.38 | 0.45 | 0.43 | 0.36 | 0.42 |
| 12 | 0.37 | 0.39 | 0.47 | 0.44 | 0.34 | 0.37 |
| 13 | 0.37 | 0.41 | 0.45 | 0.39 | 0.43 | 0.38 |
| 14 | 0.37 | 0.40 | 0.47 | 0.38 | 0.41 | 0.39 |
| 15 | 0.36 | 0.39 | 0.47 | 0.40 | 0.35 | 0.39 |
| 16 | 0.35 | 0.39 | 0.49 | 0.38 | 0.38 | 0.41 |
| 17 | 0.36 | 0.40 | 0.48 | 0.34 | 0.36 | 0.37 |
| 18 | 0.34 | 0.39 | 0.46 | 0.38 | 0.37 | 0.41 |
| 19 | 0.33 | 0.40 | 0.45 | 0.36 | 0.38 | 0.36 |
| 20 | 0.36 | 0.39 | 0.44 | 0.40 | 0.36 | 0.34 |
| 21 | 0.33 | 0.38 | 0.43 | 0.35 | 0.37 | 0.35 |
| 22 | 0.33 | 0.36 | 0.41 | 0.33 | 0.34 | 0.33 |
| 23 | 0.33 | 0.37 | 0.42 | 0.38 | 0.36 | 0.38 |
| 24 | 0.32 | 0.38 | 0.44 | 0.36 | 0.33 | 0.42 |
| 25 | 0.34 | 0.39 | 0.44 | 0.40 | 0.36 | 0.34 |
| 26 | 0.33 | 0.38 | 0.41 | 0.37 | 0.35 | 0.42 |
| 27 | 0.35 | 0.38 | 0.41 | 0.38 | 0.37 | 0.35 |
| 28 | 0.36 | 0.38 | 0.42 | 0.40 | 0.36 | 0.34 |
| 29 | 0.34 | 0.39 | 0.43 | 0.39 | 0.35 | 0.39 |
| 30 | 0.34 | 0.37 | 0.42 | 0.40 | 0.34 | 0.48 |
| 31 | 0.36 | 0.39 | 0.47 | 0.44 | 0.51 | 0.36 |

| DATE | Total Coliform per 100 ml, Colonies | Fecal Coliform per 100ml, Colonies |
|------|--|---------------------------------------|
| 1 | 24.0 | <1.8 |
| 2 | <1.8 | <1.8 |
| 3 | <1.8 | <1.8 |
| 4 | <1.8 | <1.8 |
| 5 | 70.0 | <1.8 |
| 6 | | |
| 7 | | |
| 8 | <1.8 | <1.8 |
| 9 | 2.0 | <1.8 |
| 10 | <1.8 | <1.8 |
| 11 | 1.8 | 1.8 |
| 12 | <1.8 | <1.8 |
| 13 | | |
| 14 | | |
| 15 | <1.8 | <1.8 |
| 16 | <1.8 | <1.8 |
| 17 | 4.5 | <1.8 |
| 18 | <1.8 | <1.8 |
| 19 | <1.8 | <1.8 |
| 20 | | |
| 21 | | |
| 22 | <1.8 | <1.8 |
| 23 | 1.8 | <1.8 |
| 24 | 2.0 | <1.8 |
| 25 | <1.8 | <1.8 |
| 26 | <1.8 | <1.8 |
| 27 | | |
| 28 | | |
| 29 | <1.8 | <1.8 |
| 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 Mgl | | | | | |
|------|----------------------------|------|------|------|------|------|
| | 0000 | 0400 | 0800 | 1200 | 1600 | 2000 |
| 1 | 1.88 | 1.82 | 1.67 | 1.66 | 1.64 | 1.66 |
| 2 | 1.75 | 1.63 | 1.71 | 1.76 | 1.73 | 1.73 |
| 3 | 2.06 | 1.73 | 1.69 | 1.74 | 1.75 | 1.70 |
| 4 | 1.73 | 1.76 | 1.75 | 1.84 | 1.80 | 1.85 |
| 5 | 1.71 | 1.83 | 1.82 | 1.74 | 1.77 | 1.77 |
| 6 | 1.77 | 1.82 | 1.78 | 1.79 | 1.73 | 1.87 |
| 7 | 1.74 | 1.75 | 1.83 | 1.73 | 1.73 | 1.76 |
| 8 | 1.81 | 1.78 | 1.71 | 1.62 | 1.67 | 1.72 |
| 9 | 1.67 | 1.64 | 1.62 | 1.69 | 1.67 | 1.60 |
| 10 | 1.66 | 1.67 | 1.68 | 1.71 | 1.68 | 1.62 |
| 11 | 1.33 | 1.64 | 1.71 | 2.11 | 1.75 | 1.75 |
| 12 | 1.75 | 1.78 | 1.73 | 1.73 | 1.72 | 1.75 |
| 13 | 1.66 | 1.74 | 1.79 | 1.78 | 1.68 | 1.73 |
| 14 | 1.74 | 1.71 | 1.75 | 1.71 | 1.71 | 1.64 |
| 15 | 1.73 | 1.77 | 1.72 | 1.71 | 1.37 | 1.73 |
| 16 | 1.85 | 1.69 | 1.71 | 1.79 | 1.77 | 1.69 |
| 17 | 1.75 | 1.78 | 1.82 | 1.60 | 1.77 | 1.76 |
| 18 | 1.65 | 1.73 | 1.84 | 1.82 | 1.75 | 1.72 |
| 19 | 2.00 | 1.82 | 1.82 | 1.77 | 1.83 | 1.80 |
| 20 | 1.90 | 1.79 | 1.80 | 1.81 | 1.85 | 1.76 |
| 21 | 1.71 | 1.80 | 1.78 | 1.83 | 1.84 | 1.84 |
| 22 | 1.96 | 1.77 | 1.88 | 1.76 | 1.67 | 1.85 |
| 23 | 1.68 | 1.77 | 1.75 | 1.72 | 1.71 | 1.72 |
| 24 | 1.47 | 1.73 | 1.68 | 1.83 | 1.79 | 1.82 |
| 25 | 1.56 | 1.83 | 1.81 | 1.75 | 1.77 | 1.72 |
| 26 | 1.71 | 1.74 | 1.79 | 1.74 | 1.79 | 1.66 |
| 27 | 1.73 | 1.75 | 1.77 | 1.72 | 1.69 | 1.73 |
| 28 | 1.73 | 1.72 | 1.73 | 1.71 | 1.77 | 1.73 |
| 29 | 1.68 | 1.77 | 1.73 | 1.65 | 1.71 | 1.66 |
| 30 | 1.60 | 1.72 | 1.65 | 1.68 | 1.65 | 1.68 |
| 31 | 1.62 | 1.66 | 1.58 | 1.74 | 1.64 | 1.71 |

CT VALUE COMPUTATION

| DATE | Water pH | Water Temp °C | Free Chlorine Residual mg/l | CT VALUE COMPUTATION | | |
|------|----------|---------------|-----------------------------|----------------------|-----|-----|
| | | | | (1) | (2) | (3) |
| 1 | 7.36 | 12.3 | 1.75 | | | |
| 2 | 7.37 | 12.2 | 1.69 | | | |
| 3 | 7.42 | 12.5 | 1.77 | | | |
| 4 | 7.30 | 13.1 | 1.83 | | | |
| 5 | 7.36 | 13.9 | 1.68 | | | |
| 6 | 7.30 | 13.0 | 1.75 | | | |
| 7 | 7.39 | 13.0 | 1.77 | | | |
| 8 | 7.45 | 13.8 | 1.75 | | | |
| 9 | 7.44 | 13.5 | 1.67 | | | |
| 10 | 7.32 | 13.4 | 1.72 | | | |
| 11 | 7.27 | 12.5 | 1.83 | | | |
| 12 | 7.38 | 12.8 | 1.80 | | | |
| 13 | 7.32 | 13.2 | 1.75 | | | |
| 14 | 7.31 | 12.5 | 2.07 | | | |
| 15 | 7.39 | 11.5 | 1.68 | | | |
| 16 | 7.30 | 12.6 | 1.64 | | | |
| 17 | 7.37 | 13.0 | 1.83 | | | |
| 18 | 7.30 | 12.0 | 1.75 | | | |
| 19 | 7.39 | 12.6 | 1.85 | | | |
| 20 | 7.38 | 12.3 | 1.81 | | | |
| 21 | 7.36 | 12.1 | 1.91 | | | |
| 22 | 7.23 | 12.0 | 1.68 | | | |
| 23 | 7.37 | 12.2 | 1.75 | | | |
| 24 | 7.40 | 12.7 | 1.80 | | | |
| 25 | 7.38 | 12.5 | 1.70 | | | |
| 26 | 7.38 | 12.8 | 1.70 | | | |
| 27 | 7.35 | 12.6 | 1.77 | | | |
| 28 | 7.40 | 12.9 | 1.69 | | | |
| 29 | 7.39 | 13.5 | 1.55 | | | |
| 30 | 7.32 | 13.0 | 1.64 | | | |
| 31 | 7.37 | 13.2 | 1.67 | | | |

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.

Reported by

N. S. [Signature]

Date

09/07/16

Title

S. O. W. [Signature]

Signature

[Signature]

Cert. No.

14003004

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

Sample No. **AS16318**

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 : 14-2893

COC:

Collected By : MCQUILLAN

Collection Date : 08/01/2016 AT 9:16:00AM

Submitted On : 08/01/2016 AT 10:35:00AM

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 | | 08/01/2016 AT 12:27:00PM | | |
| Heterotrophic Plate Count | CFU/ml | 109 | | SM20 9215B |
| Coliform, Most Probable Number | per 100ml | 24 | | SM20 9221B |
| Fecal Coliform, Most Probable Number | per 100ml | <1.8 | | SM20 9221E |

E = Estimated Count

Approved By

Date Approved : 08/05/2016

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

EMAIL Copy 9/8/2016

Page 1 of 1

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

Sample No. **AS16319**

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 : 15-3226

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 08/01/2016 AT 9:15:00AM

Submitted On : 08/01/2016 AT 10:35:00AM

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

Sample Type : POT_DW

add'l Report To :

Comment :

| Test Description | Units | Results | Qualifier | Method |
|--------------------------------|-----------|--------------------------|-----------|-------------|
| Date/Time Set | | 08/01/2016 AT 12:27:00PM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | 2 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/03/2016

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

EMAIL Copy 9/8/2016

Page 1 of 1

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

Sample No. **AS16529**

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 : 52-3017

COC:

Collected By : MCQUILLAN

Collection Date : 08/02/2016 AT 8:54:00AM

Submitted On : 08/02/2016 AT 1:37:00PM

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 | | 08/02/2016 AT 2:48:00PM | | |
| Heterotrophic Plate Count | CFU/ml | 79 | | 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 : 08/08/2016

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

EMAIL Copy 9/8/2016

Page 1 of 1

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

Sample No. **AS16530**

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 : 53-3457

COC:

Collected By : MCQUILLAN

Collection Date : 08/02/2016 AT 8:53:00AM

Submitted On : 08/02/2016 AT 1:37:00PM

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 | | 08/02/2016 AT 2:48:00PM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | 1 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/04/2016

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

EMAIL Copy 9/8/2016

Page 1 of 1

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

Sample No. **AS16654**

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 : 35-8108

COC:

Collected By : MCQUILLAN

Collection Date : 08/03/2016 AT 10:35:00AM

Submitted On : 08/03/2016 AT 12:22:00PM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH :

Free Cl2 : 1.77

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 | | 08/03/2016 AT 2:33:00PM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colifert-18 |
| Heterotrophic Plate Count | CFU/ml | 1 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/05/2016

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

EMAIL Copy 9/8/2016

Page 1 of 1

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

Sample No. **AS16655**

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 : 36-1276

COC:

Collected By : MCQUILLAN

Collection Date : 08/03/2016 AT 10:36:00AM

Submitted On : 08/03/2016 AT 12:22:00PM

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 | | 08/03/2016 AT 2:33:00PM | | |
| Heterotrophic Plate Count | CFU/ml | 57 | | 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 : 08/08/2016

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

EMAIL Copy 9/8/2016

Page 1 of 1

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

Sample No. **AS16754**

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 : 22-2867

COC:

Collected By : MCQUILLAN

Collection Date : 08/04/2016 AT 9:34:00AM

Submitted On : 08/04/2016 AT 11:49:00AM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH :

Free Cl2 : 1.83

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 | | 08/04/2016 AT 2:44:00PM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | <1 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/08/2016

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

Sample No. **AS16755**

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 : 23-2688

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 08/04/2016 AT 9:35:00AM

Submitted On : 08/04/2016 AT 11:49:00AM

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 | Qualifier | Method |
|--------------------------------------|-----------|-------------------------|-----------|------------|
| Date/Time Set | | 08/04/2016 AT 2:44:00PM | | |
| Heterotrophic Plate Count | CFU/ml | 54 | | 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 : 08/08/2016

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

Sample No. **AS16789**

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 : 5-3540

COC:

Collected By : DEMA

Collection Date : 08/05/2016 AT 8:00:00AM

Submitted On : 08/05/2016 AT 8:16:00AM

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 | | 08/05/2016 AT 11:49:00AM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | 28 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/08/2016

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

Sample No. **AS16790**

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 : 6-2997

COC:

Collection Point : RAW

Collected By : DEMA

ID of Source : WWD1

Collection Date : 08/05/2016 AT 8:02:00AM

Submitted On : 08/05/2016 AT 8:16:00AM

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 | Qualifier | Method |
|--------------------------------------|-----------|--------------------------|-----------|------------|
| Date/Time Set | | 08/05/2016 AT 11:50:00AM | | |
| Heterotrophic Plate Count | CFU/ml | 45 | | SM20 9215B |
| Coliform, Most Probable Number | per 100ml | 70 | | SM20 9221B |
| Fecal Coliform, Most Probable Number | per 100ml | <1.8 | | SM20 9221E |

E = Estimated Count

Approved By

Date Approved : 08/09/2016

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

Sample No. **AS16916**

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 : 7-2894

COC:

Collection Point : TREATED

Collected By : DEMA

ID of Source : WWD1

Collection Date : 08/08/2016 AT 8:50:00AM

Submitted On : 08/08/2016 AT 9:30:00AM

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 : 1.77

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 | | 08/08/2016 AT 3:15:00PM | | |
| Diatomaceae Organisms SYNEDRA - 23 NAVICULA - 8 | ASU per ml | 31 | | SM1810200F |
| Chlorophyceae Organisms CLOSTERIUM - 8 PROTOCOCCUS - 15 | ASU per ml | 23 | | SM1810200F |
| Cyanophyceae Organisms | ASU per ml | 0 | | SM1810200F |
| Protozoa Organisms DINOBYRON - 15 MALLOMONAS - 8 | ASU per ml | 23 | | 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 | 77 | | SM18 10200F |
| Amorphous Matter | ASU per ml | 114 | | 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 : 08/09/2016

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

Sample No. **AS16919**

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 : 10-3047

COC:

Collection Point : RAW

Collected By : DEMA

ID of Source : WWD1

Collection Date : 08/08/2016 AT 9:10:00AM

Submitted On : 08/08/2016 AT 9:30:00AM

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 | Qualifier | Method |
|--------------------------------------|-----------|--------------------------|-----------|------------|
| Date/Time Set | | 08/08/2016 AT 11:53:00AM | | |
| Heterotrophic Plate Count | CFU/ml | 1280 | | 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 : 08/12/2016

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

Sample No. **AS16920**

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

Bottle No : 11-3247

COC:

Collected By : DEMA

Collection Date : 08/08/2016 AT 9:12:00AM

Submitted On : 08/08/2016 AT 9:30:00AM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH :

Free Cl2 : 1.77

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_DW

Comment :

| Test Description | Units | Results | Qualifier | Method |
|--|-----------|--------------------------|-----------|-------------|
| Date/Time Set | | 08/08/2016 AT 11:53:00AM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count Note: Estimated count 10600 | CFU/ml | >300 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/10/2016

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

Sample No. **AS17101**

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 : 39-8019

COC:

Collected By : MCQUILLAN

Collection Date : 08/09/2016 AT 9:57:00AM

Submitted On : 08/09/2016 AT 12:16:00PM

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 | | 08/09/2016 AT 2:58:00PM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | 1 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/11/2016

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

Sample No. **AS17102**

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 : 40-3379

COC:

Collected By : MCQUILLAN

Collection Date : 08/09/2016 AT 9:58:00AM

Submitted On : 08/09/2016 AT 12:17:00PM

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 | | 08/09/2016 AT 2:58:00PM | | |
| Heterotrophic Plate Count | CFU/ml | 48 | | SM20 9215B |
| Coliform, Most Probable Number | per 100ml | 2 | | SM20 9221B |
| Fecal Coliform, Most Probable Number | per 100ml | <1.8 | | SM20 9221E |

E = Estimated Count

Approved By

Date Approved : 08/15/2016

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

Sample No. **AS17220**

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 : 21-2756

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 08/10/2016 AT 11:31:00AM

Submitted On : 08/10/2016 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

add'l Report To :

Sample Type : POT_SRC

Comment :

| Test Description | Units | Results | Qualifier | Method |
|--------------------------------------|-----------|-------------------------|-----------|------------|
| Date/Time Set | | 08/10/2016 AT 3:10:00PM | | |
| Heterotrophic Plate Count | CFU/ml | 31 | | 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 : 08/15/2016

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

Sample No. **AS17221**

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 : 22-3128

COC:

Collected By : MCQUILLAN

Collection Date : 08/10/2016 AT 11:30:00AM

Submitted On : 08/10/2016 AT 12:14:00PM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH :

Free Cl2 : 1.72

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 | | 08/10/2016 AT 3:10:00PM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | 2 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/12/2016

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

Sample No. **AS17301**

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 : 17-2386

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 08/11/2016 AT 10:46:00AM

Submitted On : 08/11/2016 AT 12:28:00PM

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 | Qualifier | Method |
|--------------------------------------|-----------|-------------------------|-----------|------------|
| Date/Time Set | | 08/11/2016 AT 2:20:00PM | | |
| 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 : 08/15/2016

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

Sample No. **AS17302**

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 : 18-3014

COC:

Collected By : MCQUILLAN

Collection Date : 08/11/2016 AT 10:45:00AM

Submitted On : 08/11/2016 AT 12:28:00PM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH :

Free Cl2 : 1.83

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 | | 08/11/2016 AT 2:21:00PM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | 1 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/15/2016

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

Sample No. **AS17373**

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 : 14-2682

COC:

Collected By : MCQUILLAN

Collection Date : 08/12/2016 AT 9:16:00AM

Submitted On : 08/12/2016 AT 11:03:00AM

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 | | 08/12/2016 AT 11:32:00AM | | |
| 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 |

E = Estimated Count

Approved By

Date Approved : 08/16/2016

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

Sample No. **AS17374**

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 : 15-3176

COC:

Collected By : MCQUILLAN

Collection Date : 08/12/2016 AT 9:15:00AM

Submitted On : 08/12/2016 AT 11:03:00AM

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

add'l Report To :

Comment :

| Test Description | Units | Results | Qualifier | Method |
|--------------------------------|-----------|--------------------------|-----------|-------------|
| Date/Time Set | | 08/12/2016 AT 11:32:00AM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | 2 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/15/2016

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

Sample No. **AS17489**

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 : 12-3238

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 08/15/2016 AT 8:51:00AM

Submitted On : 08/15/2016 AT 10:44:00AM

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 | | 08/15/2016 AT 11:52:00AM | | |
| Heterotrophic Plate Count | CFU/ml | 40 | | 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 : 08/17/2016

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

Sample No. **AS17490**

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 : 13-3437

COC:

Collected By : MCQUILLAN

Collection Date : 08/15/2016 AT 8:50:00AM

Submitted On : 08/15/2016 AT 10:44:00AM

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 | | 08/15/2016 AT 11:52:00AM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | 1 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/17/2016

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

Sample No. **AS17582**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : KP NM

VALHALLA, NY

Bottle No : 11-3530

COC:

Collection Point: TREATED

Collected By : DEMA

ID of Source : WWD1

Collection Date : 08/16/2016 AT 10:00:00AM

Submitted On : 08/16/2016 AT 10:15:00AM

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 : 1.68

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 | | 08/16/2016 AT 12:00:00PM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count Note: Estimated count 2630 | CFU/ml | >300 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/18/2016

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NYS ELAP # 10108
(914) 231-1620

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

Sample No. **AS17584**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO

Received By : KP NM

VALHALLA, NY

Bottle No : 13-2892

COC:

Collection Point : RAW

Collected By : DEMA

ID of Source : WWD1

Collection Date : 08/16/2016 AT 10:02:00AM

Submitted On : 08/16/2016 AT 10:15:00AM

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 | | 08/16/2016 AT 12:00:00PM | | |
| Heterotrophic Plate Count | CFU/ml | 2380 | | 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 : 08/22/2016

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

Sample No. **AS17780**

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 : 34-2796

COC:

Collected By : MCQUILLAN

Collection Date : 08/17/2016 AT 9:16:00AM

Submitted On : 08/17/2016 AT 11:29:00AM

PWS No. : 5903488

Type Descriptor : 002

Source ID : 000

pH :

Free Cl2 :

Residual Cl2 :

Sample chilled on arrival ? : YES

Sample Type : POT_SRC

add'l Report To :

Comment :

| Test Description | Units | Results | Qualifier | Method |
|--------------------------------------|-----------|-------------------------|-----------|------------|
| Date/Time Set | | 08/17/2016 AT 2:45:00PM | | |
| Heterotrophic Plate Count | CFU/ml | 78 | | SM20 9215B |
| Coliform, Most Probable Number | per 100ml | 4.5 | | SM20 9221B |
| Fecal Coliform, Most Probable Number | per 100ml | <1.8 | | SM20 9221E |

E = Estimated Count

Approved By

Date Approved : 08/22/2016

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

Sample No. **AS17781**

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 : 35-8036

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 08/17/2016 AT 9:15:00AM

Submitted On : 08/17/2016 AT 11:29:00AM

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 : 1.83

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

| Test Description | Units | Results | Qualifier | Method |
|--------------------------------|-----------|-------------------------|-----------|-------------|
| Date/Time Set | | 08/17/2016 AT 2:45:00PM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | 1 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/19/2016

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

Sample No. **AS17875**

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 ERG

Bottle No : 22-8009

COC:

Collected By : MCQUILLAN

Collection Date : 08/18/2016 AT 9:55:00AM

Submitted On : 08/18/2016 AT 12:41:00PM

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

E = Estimated Count

Approved By

Date Approved : 08/22/2016

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

Sample No. **AS17879**

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 ERG

Bottle No : 26-1657

COC:

Collected By : MCQUILLAN

Collection Date : 08/18/2016 AT 9:56:00AM

Submitted On : 08/18/2016 AT 12:41:00PM

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 | | 08/18/2016 AT 2:09:00PM | | |
| 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 : 08/22/2016

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

Sample No. **AS17940**

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 : 19-2187

COC:

Collected By : MCQUILLAN

Collection Date : 08/19/2016 AT 10:00:00AM

Submitted On : 08/19/2016 AT 12:57:00PM

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 | | 08/19/2016 AT 2:16:00PM | | |
| Heterotrophic Plate Count | CFU/ml | 30 | | 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 : 08/22/2016

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

Sample No. **AS17941**

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 : 20-3393

COC:

Collected By : MCQUILLAN

Collection Date : 08/19/2016 AT 9:59:00AM

Submitted On : 08/19/2016 AT 12:57:00PM

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 | Qualifier | Method |
|--------------------------------|-----------|-------------------------|-----------|-------------|
| Date/Time Set | | 08/19/2016 AT 2:15:00PM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | <1 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/22/2016

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

Sample No. **AS18086**

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 : 38-3562

COC:

Collected By : MCQUILLAN

Collection Date : 08/22/2016 AT 10:21:00AM

Submitted On : 08/22/2016 AT 11:40:00AM

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 | | 08/22/2016 AT 2:45:00PM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | 2 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/24/2016

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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. **AS18087**

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 : 39-2511

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 : 08/22/2016 AT 10:22:00AM

Submitted On : 08/22/2016 AT 11:39:00AM

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 | | 08/22/2016 AT 2:45:00PM | | |
| Heterotrophic Plate Count | CFU/ml | 21 | | 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 : 08/24/2016

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

Sample No. **AS18088**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO DAM
VALHALLA, NY

Received By : ERG
Bottle No : 40-3794
COC:

Collection Point : TREATED

Collected By : MCQUILLAN
Collection Date : 08/22/2016 AT 10:20:00AM
Submitted On : 08/22/2016 AT 11:40:00AM

ID of Source : WWD1

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 : 1.68 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 | | 08/22/2016 AT 11:51:00AM | | |
| Diatomaceae Organisms FRAGILARIA-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 : 08/24/2016

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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. **AS18216**

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 : 27-2753

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 08/23/2016 AT 11:11:00AM

Submitted On : 08/23/2016 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 | Qualifier | Method |
|--------------------------------------|-----------|-------------------------|-----------|------------|
| Date/Time Set | | 08/23/2016 AT 2:24:00PM | | |
| Heterotrophic Plate Count | CFU/ml | 38 | | 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 : 08/29/2016

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

Sample No. **AS18217**

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 : 28-3214

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 08/23/2016 AT 11:10:00AM

Submitted On : 08/23/2016 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 : 1.75

Residual Cl2 :

Sample chilled on arrival ? : YES

add'l Report To :

Sample Type : POT_DW

Comment :

| Test Description | Units | Results | Qualifier | Method |
|--------------------------------|-----------|-------------------------|-----------|-------------|
| Date/Time Set | | 08/23/2016 AT 2:24:00PM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | 1 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/25/2016

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

Sample No. **AS18363**

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 : 32-2730

COC:

Collected By : MCQUILLAN

Collection Date : 08/24/2016 AT 10:16:00AM

Submitted On : 08/24/2016 AT 1:57:00PM

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 | | 08/24/2016 AT 2:27:00PM | | |
| Heterotrophic Plate Count | CFU/ml | 34 | | 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 : 08/29/2016

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

Sample No. **AS18364**

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 : 33-8022

COC:

Collected By : MCQUILLAN

Collection Date : 08/24/2016 AT 10:15:00AM

Submitted On : 08/24/2016 AT 1:57:00PM

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 | Qualifier | Method |
|--------------------------------|-----------|-------------------------|-----------|-------------|
| Date/Time Set | | 08/24/2016 AT 2:27:00PM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | 2 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/26/2016

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

Sample No. **AS18425**

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 : 17-1091

COC:

Collected By : MCQUILLAN

Collection Date : 08/25/2016 AT 11:16:00AM

Submitted On : 08/25/2016 AT 12:53:00PM

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 | | 08/25/2016 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 |

E = Estimated Count

Approved By

Date Approved : 08/29/2016

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

Sample No. **AS18426**

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 : 18-2450

COC:

Collected By : MCQUILLAN

Collection Date : 08/25/2016 AT 11:15:00AM

Submitted On : 08/25/2016 AT 12:53:00PM

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 | | 08/25/2016 AT 2:39:00PM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | 3 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/29/2016

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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. **AS18486**

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 : 19-2670

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 08/26/2016 AT 8:55:00AM

Submitted On : 08/26/2016 AT 11:28:00AM

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 | | 08/26/2016 AT 2:17:00PM | | |
| Heterotrophic Plate Count | CFU/ml | 36 | | 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 : 08/30/2016

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. **AS18487**

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 : 20-3097

COC:

Collected By : MCQUILLAN

Collection Date : 08/26/2016 AT 8:54:00AM

Submitted On : 08/26/2016 AT 11:28:00AM

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 | | 08/26/2016 AT 2:17:00PM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | 1 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/29/2016

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

Sample No. **AS18592**

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 : 12-2789

COC:

Collected By : MCQUILLAN

Collection Date : 08/29/2016 AT 8:58:00AM

Submitted On : 08/29/2016 AT 11:15:00AM

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 | | 08/29/2016 AT 11:59:00AM | | |
| Heterotrophic Plate Count | CFU/ml | 45 | | 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 : 08/31/2016

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

Sample No. **AS18593**

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 : 13-3279

COC:

Collected By : MCQUILLAN

Collection Date : 08/29/2016 AT 8:57:00AM

Submitted On : 08/29/2016 AT 11:15:00AM

PWS No. : 5903488

Type Descriptor : 022

Source ID : 000

pH :

Free Cl2 : 1.55

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 | | 08/29/2016 AT 11:59:00AM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | 2 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 08/31/2016

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

Sample No. **AS18605**

REPORT OF ANALYSIS

Westchester County Department of Labs and Research

10 Dana Road Valhalla, New York 10595

Sample Location : KENSICO DAM

Received By : NM

VALHALLA, NY

Bottle No : A5530 B1232 C0149 D6372 E3233

COC:

Collection Point : ENTRY POINT

Collected By : FERRARO

ID of Source : WWD1

Collection Date : 08/29/2016 AT 9:30:00AM

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

Submitted On : 08/29/2016 AT 12:08:00PM

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 : FULL CHEMICAL

| Method | Test Description | Results | Qualifier | Units | DL/LOQ | Analyzed on | Validator |
|-------------------|---------------------------------|---------|-----------|---------------|--------|-------------|-------------|
| Inorganics | | | | | | | |
| EPA 200.8 | Silver | PENDING | | | | 12/30/1899 | |
| SM20 2320B | Alkalinity as Calcium Carbonate | 21.8 | | mg/L | 1.0 | 08/31/2016 | MO |
| EPA 200.8 | Aluminum | PENDING | | | | 12/30/1899 | |
| EPA 200.8 | Arsenic | PENDING | | | | 12/30/1899 | |
| EPA 200.8 | Barium | PENDING | | | | 12/30/1899 | |
| EPA 200.8 | Beryllium | PENDING | | | | 12/30/1899 | |
| EPA 200.7 | Calcium | 5880 | | ug/L | 1000.0 | 09/06/2016 | MO |
| EPA 200.8 | Cadmium | PENDING | | | | 12/30/1899 | |
| EPA 300.0 | Chloride, Potable | PENDING | | | | 12/30/1899 | |
| Kelada-01 | Cyanide - Potable | 0.0018 | | mg/L | 0.0005 | 08/30/2016 | MO |
| EPA 200.7 | Calcium as Calcium Carbonate | 15000 | | ug/L as CaCO3 | 1000 | 09/06/2016 | MO |
| SM20 2120B | Color, Apparent | 5 | | units | 1 | 08/30/2016 | 8:15 am RRC |
| EPA 200.8 | Chromium | PENDING | | | | 12/30/1899 | |
| EPA 200.8 | Copper | PENDING | | | | 12/30/1899 | |
| EPA 200.7 | Iron | < LOQ | | ug/L | 50.0 | 09/06/2016 | MO |
| SM20-4500 FC | Fluoride by ISE | < LOQ | | mg/L | 0.1 | 09/01/2016 | MO |
| EPA 200.7 | Hardness as Calcium Carbonate | 20 | | mg/L | 1 | 09/06/2016 | MO |
| EPA 200.8 | Mercury | PENDING | | | | 12/30/1899 | |
| EPA 200.7 | Magnesium | 1170 | | ug/L | 1000.0 | 09/06/2016 | MO |
| EPA 200.8 | Manganese | PENDING | | | | 12/30/1899 | |
| EPA 200.7 | Sodium | 9800 | | ug/L | 100.0 | 09/06/2016 | MO |
| SM22-4500NH3-G | Ammonia as N | < LOQ | | mg/L | 0.05 | 09/01/2016 | MO |
| EPA 200.8 | Nickel | PENDING | | | | 12/30/1899 | |
| SM20 4500NO2B | Nitrite Nitrogen as N | < LOQ | | mg/L | 0.01 | 08/30/2016 | 2:19 pm MO |
| EPA 353.2 | N-Nitrate Calculated | 0.115 | | mg/L | 0.05 | 09/06/2016 | MO |

DL = Detection Limit

LOQ = Limit of Quantitation

J=value is an estimate

H = exceeds holding time

The results given above are **INTERIM** values and have not been validated by the QC Officer

Approved By

Date Approved : 12/30/1899

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

Sample No. **AS18605**

| Method | Test Description | Results | Qualifier | Units | DL/LOQ | Analyzed on | Validator |
|--|------------------|-----------|-----------|-------|--------|--------------------|-----------|
| S01 EPA 200.8 | Lead | PENDING | | | | 12/30/1899 | |
| SM20-4500HB | Hydrogen Ion | 7.65 | | units | 0.1 | 08/29/2016 2:45 pm | RRC |
| <i>The pH is a field parameter with a 15 minute hold time. The Laboratory provides this test result only as a guide. This result cannot be used for regulatory reporting purposes.</i> | | | | | | | |
| 40CFR136 | NH4 Preparation | Completed | | | | 08/31/2016 | MO |
| <i>Ammonia as N analyzed by On-line Gas Diffusion Automated Salicylate Method, as appearing in Method Update Rule II, 40CFR 136, Table 1B, Federal Register Volume 77 Number 97, and effective for Clean Water Act use as promulgated 06/01/2012. The method incorporates two approved modifications to Standard Methods SM22-4500-NH3G involving a modified Berthelot reaction using Salicylate instead Indophenol blue and using gas diffusion separation instead of distillation.</i> | | | | | | | |
| EPA 200.8 | Antimony | PENDING | | | | 12/30/1899 | |
| EPA 200.8 | Selenium | PENDING | | | | 12/30/1899 | |
| EPA 200.8 | Thallium | PENDING | | | | 12/30/1899 | |
| SM20-2540B | Total Solids | 47.5 | | mg/L | 2.0 | 09/01/2016 | |
| EPA 180.1 | Turbidity | 1.06 | | NTU | 0.02 | 08/30/2016 8:15 am | RRC |
| EPA 200.8 | Zinc | PENDING | | | | 12/30/1899 | |

DL = Detection Limit LOQ = Limit of Quantitation J=value is an estimate H = exceeds holding time

The results given above are INTERIM values and have not been validated by the QC Officer

Approved By _____ Date Approved : 12/30/1899

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

Sample No. **AS18705**

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 : 11-3561

COC:

Collection Point : TREATED

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 08/30/2016 AT 9:38:00AM

Submitted On : 08/30/2016 AT 11:03:00AM

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 : 1.64

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 | | 08/30/2016 AT 11:53:00AM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colilert-18 |
| Heterotrophic Plate Count | CFU/ml | 2 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 09/01/2016

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

Sample No. **AS18706**

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 : 12-1459

COC:

Collection Point : RAW

Collected By : MCQUILLAN

ID of Source : WWD1

Collection Date : 08/30/2016 AT 9:36:00AM

Submitted On : 08/30/2016 AT 11:03:00AM

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 | | 08/30/2016 AT 11:53:00AM | | |
| 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 |

E = Estimated Count

Approved By

Date Approved : 09/01/2016

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

Sample No. **AS18803**

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 : 13-1390

COC:

Collected By : MCQUILLAN

Collection Date : 08/31/2016 AT 9:31:00AM

Submitted On : 08/31/2016 AT 11:59:00AM

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 | | 08/31/2016 AT 2:59:00PM | | |
| Heterotrophic Plate Count | CFU/ml | 35 | | 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 : 09/02/2016

Environmental Laboratories

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

Sample No. **AS18804**

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
Bottle No : 14-3462
COC:

Collection Point : TREATED

ID of Source : WWD1

Collected By : MCQUILLAN
Collection Date : 08/31/2016 AT 9:30:00AM
Submitted On : 08/31/2016 AT 11:59:00AM
PWS No. : 5903488

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

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 | | 08/31/2016 AT 2:59:00PM | | |
| Coliform Presence/Absence Test | per 100ml | Absent | | Colifert-18 |
| Heterotrophic Plate Count | CFU/ml | 1 | | SM20 9215B |

E = Estimated Count

Approved By

Date Approved : 09/02/2016

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