

**New York City Department of Environmental Protection
Bureau of Water Supply**

**WWTP Water Quality Sampling Monitoring Semiannual Report
(July 1 – December 31, 2015)**

February 2016

*Prepared in accordance with Section 6.2 of the NYSDOH
Revised 2007 Filtration Avoidance Determination*



Prepared by: DEP, Bureau of Water Supply

Introduction

The attached computer output was prepared in accordance with DEP's 2006 Long-term Watershed Protection Program and NYSDOH's final revised 2007 Filtration Avoidance Determination. It reports the results of DEP's sampling of New York City-owned wastewater treatment plants and surface-discharging non-City-owned wastewater treatment plants (WWTPs) discharging in the CAT/DEL watershed from July 1, 2015 through December 31, 2015.

The computer output is divided into three tables. The first table, a subset of the second table, lists all of the DEP samples that contravened State Pollutant Discharge Elimination System (SPDES) limits. The second table compares effluent concentrations in DEP's samples with the limits for the corresponding parameters in the SPDES permits that are currently on file with DEP. The third table is a listing of the raw data for all samples collected in this half year period. Note that DEP's samples are surveillance, not regulatory samples, and single samples that exceed limits may not constitute true SPDES violations.

The third table of this report is simply an output of the raw data and, as such, includes coding conventions as follows. Parameters not detected in the effluent are indicated with a minus (-) sign, meaning "less than", next to the detection limit. For example, -0.10 in the NH₃ column means that the total ammonia concentration in the effluent was less than the detection limit of 0.1 mgL⁻¹. Errors occurring in the field or in the lab are noted by -110 or -105 respectively. Fcoli code E means estimated. Fcoli code TNTC means too numerous to count.

This report tabulates effluent data only. Information on suspected treatment problems and/or courses of action in response to poor treatment at Catskill or Delaware District WWTPs is described in DEP's 2006 Long-term Watershed Protection Plan.

Table 1. DEP samples that contravened SPDES limits July - December 2015.

Catskill System:

Facility	Date	Parameter	Daily Measurement	SPDES Limit
Camp Machne Tashbar	01JUL15	Ammonia	31.9	1.1 mgL ⁻¹
Camp Machne Tashbar	15JUL15	Ammonia	2.26	1.1 mgL ⁻¹
Camp Machne Tashbar	12AUG15	Susp.Solids	18.9	10 mgL ⁻¹
Camp Timberlake	08JUL15	Dissolved Oxygen	6.4	7 mgL ⁻¹ , minimum
Camp Timberlake	05AUG15	Temperature	22.9°C (73.3°F)	70°F
Hunter Village	16SEP15	BOD	9.4	5 mgL ⁻¹
Tannersville	16SEP15	Fecal Coliform	530	200 CFU

Delaware System:

Facility	Date	Parameter	Daily Measurement	SPDES Limit
Andes	09SEP15	Dissolved Oxygen	6.7	7 mgL ⁻¹ , minimum
Andes	23SEP15	pH	6.17	6.5 - 8.5
Andes	14OCT15	BOD	14.2	5 mgL ⁻¹
Delhi	12AUG15	Chlor. Res.-Effl.	0.04	0.032 mgL ⁻¹
Delhi	14OCT15	pH	9.21	6 - 9
Fleischmanns	01JUL15	Ammonia	1.55	1.1 mgL ⁻¹
Mountainside	02SEP15	Nitrate	29.56	20 mgL ⁻¹
Roxbury Run	02SEP15	CBOD	15.6	5 mgL ⁻¹
Roxbury Run	02SEP15	pH	8.55	6.5 - 8.5
DelawareBOCES	08JUL15	Temperature	21.4°C (70.5°F)	70°F
DelawareBOCES	12AUG15	Temperature	23°C (73.4°F)	70°F
DelawareBOCES	09SEP15	Temperature	24.7°C (76.5°F)	70°F

Table 2. Comparison of effluent concentrations in DEP's samples with the limits of SPDES permits July - December 2015.

Catskill System:

Ashland WTP

date	Parameter	SPDES Violation	SPDES Limit
08JUL15		no violations	
12AUG15		no violations	
02SEP15		no violations	
21OCT15		no violations	
18NOV15		no violations	
01DEC15		no violations	

Boiceville WWTP

date	Parameter	SPDES Violation	SPDES Limit
08JUL15		no violations	
13AUG15		no violations	
02SEP15		no violations	
14OCT15		no violations	
04NOV15		no violations	
16DEC15		no violations	

Camp Machne Tashbar - seasonal facility

date	Parameter	SPDES Violation	SPDES Limit
01JUL15	Ammonia	31.9	1.1 mgL ⁻¹
15JUL15	Ammonia	2.26	1.1 mgL ⁻¹
12AUG15	Suspended Solids	18.9	10 mgL ⁻¹

Camp Timberlake - seasonal facility

date	Parameter	SPDES Violation	SPDES Limit
08JUL15	Dissolved Oxygen	6.4	7 mgL ⁻¹ , min.
05AUG15	Temp	22.9°C (73.3°F)	70°F

Elka Park (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
01JUL15		no violations	
12AUG15		no violations	
16SEP15		no violations	
07OCT15		no violations	

Elka Park (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
18NOV15		no violations	
09DEC15		no violations	

Grand Gorge (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
07JUL15		no violations	
08JUL15		no violations	
21JUL15		no violations	
22JUL15		no violations	
04AUG15		no violations	
05AUG15		no violations	
18AUG15		no violations	
19AUG15		no violations	
01SEP15		no violations	
02SEP15		no violations	
15SEP15		no violations	
16SEP15		no violations	
06OCT15		no violations	
07OCT15		no violations	
20OCT15		no violations	
21OCT15		no violations	

Grand Gorge (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
04NOV15		no violations	
05NOV15		no violations	
17NOV15		no violations	
18NOV15		no violations	
01DEC15		no violations	
02DEC15		no violations	
15DEC15		no violations	
16DEC15		no violations	

Hunter Highlands (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
01JUL15		no violations	
06AUG15		no violations	
21OCT15		no violations	

Hunter Highlands (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
12NOV15		no violations	
16DEC15		no violations	

Hunter Village (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
01JUL15		no violations	
20JUL15		no violations	
06AUG15		no violations	
16SEP15	BOD	9.4	5 mgL ⁻¹
07OCT15		no violations	
26OCT15		no violations	

Hunter Village (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
12NOV15		no violations	
16DEC15		no violations	

Mountain View Estates, Inc.

date	Parameter	SPDES Violation	SPDES Limit
12NOV15		no violations	

Olive Woods

date	Parameter	SPDES Violation	SPDES Limit
05AUG15		no violations	
09SEP15		no violations	
14OCT15		no violations	
18NOV15		no violations	
02DEC15		no violations	

Pine Hill (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
07JUL15		no violations	
08JUL15		no violations	
21JUL15		no violations	
22JUL15		no violations	
04AUG15		no violations	
05AUG15		no violations	
18AUG15		no violations	
19AUG15		no violations	
01SEP15		no violations	
02SEP15		no violations	
15SEP15		no violations	
16SEP15		no violations	
06OCT15		no violations	
07OCT15		no violations	
20OCT15		no violations	
21OCT15		no violations	

Pine Hill (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
04NOV15		no violations	
05NOV15		no violations	
17NOV15		no violations	
18NOV15		no violations	
01DEC15		no violations	
02DEC15		no violations	
15DEC15		no violations	
16DEC15		no violations	

Prattsville WTP

date	Parameter	SPDES Violation	SPDES Limit
08JUL15		no violations	
27JUL15		no violations	
06AUG15		no violations	
02SEP15		no violations	
21OCT15		no violations	
26OCT15		no violations	
04NOV15		no violations	
16DEC15		no violations	

Tannersville (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
07JUL15		no violations	
08JUL15		no violations	
21JUL15		no violations	
22JUL15		no violations	
04AUG15		no violations	
05AUG15		no violations	
18AUG15		no violations	
19AUG15		no violations	
01SEP15		no violations	
02SEP15		no violations	
15SEP15		no violations	
16SEP15	Fecal Coliform	530	200 CFU
17SEP15		no violations	
06OCT15		no violations	
07OCT15		no violations	
20OCT15		no violations	
21OCT15		no violations	

Tannersville (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
11NOV15		no violations	
12NOV15		no violations	
17NOV15		no violations	
18NOV15		no violations	
01DEC15		no violations	
02DEC15		no violations	
15DEC15		no violations	
16DEC15		no violations	

Windham (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
08JUL15		no violations	
13AUG15		no violations	
24AUG15		no violations	
02SEP15		no violations	
14OCT15		no violations	

Windham (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
04NOV15		no violations	
01DEC15		no violations	

Delaware System:

Andes

date	Parameter	SPDES Violation	SPDES Limit
08JUL15		no violations	
12AUG15		no violations	
09SEP15	Dissolved Oxygen	6.7	7 mgL ⁻¹ , min.
23SEP15	pH	6.17	6.5 - 8.5
14OCT15	BOD	14.2	5 mgL ⁻¹
18NOV15		no violations	
15DEC15		no violations	
16DEC15		no violations	

Camp L'man A'chai - seasonal facility

date	Parameter	SPDES Violation	SPDES Limit
08JUL15		no violations	
05AUG15		no violations	

Delhi WWTP

date	Parameter	SPDES Violation	SPDES Limit
18JUL15		no violations	
22JUL15		no violations	
12AUG15	Chlor.Res.-Effl.	0.04	0.032 mgL ⁻¹
09SEP15		no violations	
23SEP15		no violations	
14OCT15	pH	9.21	6 - 9
18NOV15		no violations	
09DEC15		no violations	
16DEC15		no violations	

Fleischmanns WWTP

date	Parameter	SPDES Violation	SPDES Limit
01JUL15	Ammonia	1.55	1.10 mgL ⁻¹
05AUG15		no violations	
02SEP15		no violations	
23SEP15		no violations	
07OCT15		no violations	
04NOV15		no violations	
12NOV15		no violations	
02DEC15		no violations	
15DEC15		no violations	

Grahamsville WWTP

date	Parameter	SPDES Violation	SPDES Limit
01JUL15		no violations	
05AUG15		no violations	
02SEP15		no violations	
07OCT15		no violations	
04NOV15		no violations	
02DEC15		no violations	

Hobart

date	Parameter	SPDES Violation	SPDES Limit
01JUL15		no violations	
05AUG15		no violations	
02SEP15		no violations	
23SEP15		no violations	
07OCT15		no violations	
04NOV15		no violations	
02DEC15		no violations	

Margaretville

date	Parameter	SPDES Violation	SPDES Limit
07JUL15		no violations	
08JUL15		no violations	
21JUL15		no violations	
22JUL15		no violations	
04AUG15		no violations	
05AUG15		no violations	
18AUG15		no violations	
01SEP15		no violations	
02SEP15		no violations	
15SEP15		no violations	
16SEP15		no violations	
06OCT15		no violations	
07OCT15		no violations	
20OCT15		no violations	
21OCT15		no violations	
04NOV15		no violations	
05NOV15		no violations	
17NOV15		no violations	
18NOV15		no violations	
01DEC15		no violations	
02DEC15		no violations	
15DEC15		no violations	
16DEC15		no violations	

Margaretville--% removals

date	Parameter	SPDES Violation	SPDES Limit
07JUL15		% removals okay	
21JUL15		% removals okay	
04AUG15		% removals okay	
18AUG15		% removals okay	
01SEP15		% removals okay	
15SEP15		% removals okay	
06OCT15		% removals okay	
20OCT15		% removals okay	
04NOV15		% removals okay	
17NOV15		% removals okay	
01DEC15		% removals okay	
15DEC15		% removals okay	

Mountainside Farms - Delaware County Dairies

date	Parameter	SPDES Violation	SPDES Limit
01JUL15		no violations	
05AUG15		no violations	
02SEP15	Nitrate	29.56	20 mgL ⁻¹
07OCT15		no violations	
04NOV15		no violations	
12NOV15		no violations	
02DEC15		no violations	

Roxbury Run

date	Parameter	SPDES Violation	SPDES Limit
01JUL15		no violations	
05AUG15		no violations	
02SEP15	CBOD	15.6	5 mgL ⁻¹
02SEP15	pH	8.55	6.5 - 8.5
07OCT15		no violations	
04NOV15		no violations	
02DEC15		no violations	

Stamford WWTP

date	Parameter	SPDES Violation	SPDES Limit
01JUL15		no violations	
05AUG15		no violations	
02SEP15		no violations	
28SEP15		no violations	
07OCT15		no violations	
04NOV15		no violations	
02DEC15		no violations	
15DEC15		no violations	

Walton WWTP

date	Parameter	SPDES Violation	SPDES Limit
08JUL15		no violations	
12AUG15		no violations	
09SEP15		no violations	
23SEP15		no violations	
14OCT15		no violations	
18NOV15		no violations	
16DEC15		no violations	

Delaware County BOCES

date	Parameter	SPDES Violation	SPDES Limit
08JUL15	Temp	21.4°C (70.5°F)	70°F
12AUG15	Temp	23°C (73.4°F)	70°F
09SEP15	Temp	24.7°C (76.5°F)	70°F
14OCT15		no violations	
18NOV15		no violations	
16DEC15		no violations	

Catskill System

Table 3. Raw Data for CAT/DEL WWTP effluent samples collected July - December 2015.

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
1	ASHLAND WTP	08JUL2015	.	14.0	6.19	9.0	0.15	-3.0	.	-1.0	-0.1	.	0.018	.	.	.	-0.04	.	-1	.	.
2	ASHLAND WTP	08JUL2015	.	.	.	.	.	.	.	.	.	.	.	0.53	.	.	.	.	.	.	.
3	ASHLAND WTP	12AUG2015	.	16.5	6.29	8.7	0.10	-3.0	.	-1.0	-0.1	.	0.011	0.24	.	.	-0.04	.	-1	.	.
4	ASHLAND WTP	02SEP2015	.	16.8	6.46	8.4	0.10	-3.0	.	-2.2	-0.1	.	0.044	0.52	.	.	-0.04	.	-1	.	.
5	ASHLAND WTP	21OCT2015	.	11.8	7.01	10.1	0.10	-3.0	.	-1.0	-0.1	.	.	0.21	.	.	-0.04	.	-1	.	.
6	ASHLAND WTP	21OCT2015	.	.	.	.	.	.	.	.	.	.	0.553	.	.	.	.	.	.	.	.
7	ASHLAND WTP	18NOV2015	.	12.8	6.76	9.8	-0.10	-3.0	.	-1.0	-0.1	.	.	0.38	.	.	-0.04	.	-1	.	.
8	ASHLAND WTP	18NOV2015	.	.	.	.	.	.	.	.	.	.	0.225	.	.	.	.	.	.	.	.
9	ASHLAND WTP	01DEC2015	.	11.1	6.95	10.2	0.10	-3.0	.	-1.1	-0.1	.	.	0.26	.	.	-0.04	.	-1	.	.
10	ASHLAND WTP	01DEC2015	.	.	.	.	.	.	.	.	.	.	0.233	.	.	.	.	.	.	.	.
11	BOICEVILLE WTP	08JUL2015	.	20.7	8.00	9.3	0.10	.	-3.0	-1.0	-0.1	.	0.081	.	.	.	-0.04	.	-1	.	.
12	BOICEVILLE WTP	08JUL2015	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
13	BOICEVILLE WTP	13AUG2015	.	.	.	.	.	.	-3.0	-2.2	.	.	0.192	-0.20	.	.	-0.04	.	.	.	.
14	BOICEVILLE WTP	13AUG2015	.	22.1	8.17	8.7	0.10	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	.
15	BOICEVILLE WTP	13AUG2015	.	.	.	.	.	.	.	.	.	.	0.191	.	.	.	.	.	.	.	.
16	BOICEVILLE WTP	02SEP2015	.	23.0	8.06	8.2	0.20	.	-3.0	-1.0	-0.1	.	0.145	-0.20	.	.	-0.04	.	-1	.	.
17	BOICEVILLE WTP	14OCT2015	.	19.6	8.04	9.5	0.20	.	3.7	-2.0	-0.1	.	0.135	-0.20	.	.	-0.04	.	-1	.	.
18	BOICEVILLE WTP	04NOV2015	.	18.9	7.37	9.7	0.15	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	.
19	BOICEVILLE WTP	04NOV2015	.	.	.	.	.	.	.	.	.	.	0.234	.	.	.	.	.	.	.	.
20	BOICEVILLE WTP	16DEC2015	.	.	.	.	0.20	.	-3.0	-1.0	-0.1	.	0.048	-0.20	.	.	.	.	-1	.	.
21	CAMP MACHNE TASHBAR	01JUL2015	.	19.3	7.42	7.9	0.15	.	-3.0	-2.0	-0.1	.	0.010	.	.	.	-0.04	.	-1	.	.
22	CAMP MACHNE TASHBAR	01JUL2015	.	.	.	.	.	.	.	.	.	.	.	31.90	.	.	.	.	.	.	.
23	CAMP MACHNE TASHBAR	15JUL2015	.	.	.	.	.	.	.	.	.	.	.	2.26	.	.	-0.04	.	.	.	.
24	CAMP MACHNE TASHBAR	12AUG2015	.	20.8	7.60	7.8	4.10	.	3.4	18.9	0.1	.	.	0.54	.	.	-0.04	.	-1	.	.

Catskill System

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
25	CAMP MACHNE TASHBAR	12AUG2015	.	.	.	.	.	.	.	.	.	.	0.257	.	.	.	.	.	.	.	.
26	CAMP TIMBERLAKE	08JUL2015	.	20.6	6.82	6.4	0.10	.	-3.0	-1.0	-0.1	.	0.170	.	.	.	-0.04	.	-1	.	.
27	CAMP TIMBERLAKE	08JUL2015	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
28	CAMP TIMBERLAKE	05AUG2015	.	22.9	7.47	7.3	-0.10	.	-3.0	-1.0	-0.1	.	.	.	.	.	-0.04	.	-1	.	.
29	CAMP TIMBERLAKE	05AUG2015	.	.	.	.	.	.	.	.	.	.	.	0.25	.	.	.	.	.	.	.
30	CAMP TIMBERLAKE	05AUG2015	.	.	.	.	.	.	.	.	.	.	0.386	.	.	.	.	.	.	.	.
31	CAMP TIMBERLAKE	05AUG2015	.	.	.	.	.	.	.	.	.	.	0.375	.	.	.	.	.	.	.	.
32	ELKA PARK	01JUL2015	.	16.0	7.34	9.0	0.20	.	-3.0	-1.0	-0.1	.	0.038	0.92	.	.	-0.04	.	-1	.	.
33	ELKA PARK	12AUG2015	.	18.7	6.99	8.2	0.10	.	-3.0	-1.0	-0.1	.	.	.	.	.	-0.04	.	-1	.	.
34	ELKA PARK	12AUG2015	.	.	.	.	.	.	.	.	.	.	0.283	.	.	.	.	.	.	.	.
35	ELKA PARK	12AUG2015	.	.	.	.	.	.	.	.	.	.	.	0.27	.	.	.	.	.	.	.
36	ELKA PARK	16SEP2015	.	17.8	7.04	9.0	0.15	.	-3.0	-1.0	-0.1	.	0.122	-0.20	.	.	-0.04	.	-1	.	.
37	ELKA PARK	07OCT2015	.	14.8	7.39	9.6	-0.10	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	.
38	ELKA PARK	07OCT2015	.	.	.	.	.	.	.	.	.	.	0.196	.	.	.	.	.	.	.	.
39	ELKA PARK	18NOV2015	.	9.5	7.11	11.1	-0.10	.	-3.0	-1.0	-0.1	.	0.093	-0.20	.	.	-0.04	.	-1	.	.
40	ELKA PARK	09DEC2015	.	13.5	6.88	9.9	0.15	.	-3.0	-1.0	-0.1	.	0.072	-0.20	.	.	-0.04	.	-1	.	.
41	PINE HILL	07JUL2015	.	.	.	.	.	-3.0	.	-2.2	.	.	0.016	.	.	.	.	.	.	.	.
42	PINE HILL	07JUL2015	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
43	PINE HILL	21JUL2015	.	.	.	.	.	-3.0	.	-1.1	.	.	0.014	-0.20	.	.	.	.	.	.	.
44	PINE HILL	04AUG2015	.	.	.	.	.	-3.0	.	-1.1	.	.	0.023	.	.	.	.	.	.	.	.
45	PINE HILL	04AUG2015	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
46	PINE HILL	18AUG2015	.	.	.	.	.	-3.0	.	-1.0	.	.	0.018	-0.20	.	.	.	.	.	.	.
47	PINE HILL	01SEP2015	.	.	.	.	.	-3.0	.	-1.1	.	.	0.021	-0.20	.	.	.	.	.	.	.
48	PINE HILL	15SEP2015	.	.	.	.	.	-3.0	.	-1.1	.	.	0.028	-0.20	.	.	.	.	.	.	.
49	PINE HILL	06OCT2015	.	.	.	.	.	-3.0	.	-1.0	.	.	0.023	-0.20	.	.	.	.	.	.	.

Catskill System

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
50	PINE HILL	20OCT2015	.	.	.	.	.	-3.0	.	-1.0	.	.	0.052	-0.20	.	.	.	.	.	.	.
51	PINE HILL	04NOV2015	.	.	.	.	.	-3.0	.	-1.0	.	.	0.019	-0.20	.	.	.	.	.	.	.
52	PINE HILL	17NOV2015	.	.	.	.	.	-3.0	.	-1.1	.	.	0.015	-0.20	.	.	.	.	.	.	.
53	PINE HILL	01DEC2015	.	.	.	.	.	-3.0	.	-1.0	.	.	0.008	-0.20	.	.	.	.	.	.	.
54	PINE HILL	15DEC2015	.	.	.	.	.	-3.0	.	-2.0	.	.	0.008	-0.20	.	.	.	.	.	.	.
55	PINE HILL	08JUL2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
56	PINE HILL	22JUL2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	.	.
57	PINE HILL	05AUG2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.
58	PINE HILL	19AUG2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
59	PINE HILL	02SEP2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
60	PINE HILL	16SEP2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
61	PINE HILL	07OCT2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
62	PINE HILL	21OCT2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
63	PINE HILL	05NOV2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
64	PINE HILL	18NOV2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
65	PINE HILL	02DEC2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
66	PINE HILL	16DEC2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
67	PINE HILL	07JUL2015	.	.	.	.	.	74.8	.	121.0	.	.	.	.	.	.	.	.	.	.	.
68	PINE HILL	21JUL2015	.	.	.	.	.	63.4	.	130.0	.	.	.	.	.	.	.	.	.	.	.
69	PINE HILL	04AUG2015	.	.	.	.	.	119.0	.	194.0	.	.	.	.	.	.	.	.	.	.	.
70	PINE HILL	18AUG2015	.	.	.	.	.	154.0	.	320.0	.	.	.	.	.	.	.	.	.	.	.
71	PINE HILL	01SEP2015	.	.	.	.	.	212.0	.	312.0	.	.	.	.	.	.	.	.	.	.	.
72	PINE HILL	15SEP2015	.	.	.	.	.	109.0	.	240.0	.	.	.	.	.	.	.	.	.	.	.
73	PINE HILL	06OCT2015	.	.	.	.	.	79.2	.	129.0	.	.	.	.	.	.	.	.	.	.	.
74	PINE HILL	20OCT2015	.	.	.	.	.	138.0	.	239.0	.	.	.	.	.	.	.	.	.	.	.
75	PINE HILL	04NOV2015	.	.	.	.	.	137.0	.	179.0	.	.	.	.	.	.	.	.	.	.	.
76	PINE HILL	17NOV2015	.	.	.	.	.	57.0	.	103.0	.	.	.	.	.	.	.	.	.	.	.
77	PINE HILL	01DEC2015	.	.	.	.	.	49.9	.	78.9	.	.	.	.	.	.	.	.	.	.	.
78	PINE HILL	15DEC2015	.	.	.	.	.	106.0	.	134.0	.	.	.	.	.	.	.	.	.	.	.

Catskill System

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
79	HUNTER HIGHLANDS	01JUL2015	.	17.8	7.12	8.4	0.20	.	-3.0	-1.0	-0.1	.	0.022	-0.20	.	.	-0.04	.	-1	.	.
80	HUNTER HIGHLANDS	06AUG2015	.	.	.	.	.	.	-3.0	-2.2	.	.	0.052	-0.20	.	.	-0.04	.	.	.	.
81	HUNTER HIGHLANDS	06AUG2015	.	21.0	6.55	8.0	0.10	.	-3.0	-1.0	-0.1	.	0.038	-0.20	.	.	-0.04	.	-1	.	.
82	HUNTER HIGHLANDS	21OCT2015	.	12.4	7.23	10.2	0.15	.	-3.0	-2.0	-0.1	.	0.046	-0.20	.	.	0.04	.	-1	.	.
83	HUNTER HIGHLANDS	12NOV2015	.	11.1	7.22	10.5	0.20	.	-3.0	-1.0	-0.1	.	0.023	-0.20	.	.	-0.04	.	-1	.	.
84	HUNTER HIGHLANDS	16DEC2015	.	.	.	.	0.10	.	-3.0	-1.0	-0.1	.	0.013	-0.20	.	.	.	.	-1	.	.
85	HUNTER HIGHLANDS	24AUG2015	.	20.9	6.84	.	0.15	.	.	.	.	.	.	.	.	.	.	.	.	.	.
86	HUNTER HIGHLANDS	01DEC2015	.	.	.	.	0.50	.	.	.	.	.	.	.	.	.	.	.	.	.	.
87	HUNTER WTP	01JUL2015	.	17.5	6.61	8.6	0.15	-3.0	.	-1.0	-0.1	.	0.027	-0.20	.	.	-0.04	.	-1	.	.
88	HUNTER WTP	20JUL2015	.	20.8	6.49	.	0.10	.	.	.	.	.	.	.	.	.	.	.	.	.	.
89	HUNTER WTP	06AUG2015	.	.	.	.	.	-3.0	.	-1.0	.	.	.	-0.20	.	.	-0.04	.	.	.	.
90	HUNTER WTP	06AUG2015	.	.	.	.	.	.	.	.	.	.	0.192	.	.	.	.	.	.	.	.
91	HUNTER WTP	06AUG2015	.	21.1	6.69	7.9	0.10	-3.0	.	-1.0	-0.1	.	0.133	-0.20	.	.	0.05	.	-1	.	.
92	HUNTER WTP	16SEP2015	.	19.8	6.36	8.7	0.15	9.4	.	-1.0	-0.1	.	0.041	-0.20	.	.	-0.04	.	-1	.	.
93	HUNTER WTP	07OCT2015	.	16.1	6.55	9.3	0.10	3.1	.	-2.0	-0.1	.	0.025	-0.20	.	.	-0.04	.	-1	.	.
94	HUNTER WTP	26OCT2015	.	12.9	.	.	0.15	.	.	.	.	.	.	.	.	.	.	.	.	.	.
95	HUNTER WTP	12NOV2015	.	12.6	6.48	10.3	0.15	-3.0	.	-1.0	-0.1	.	0.008	-0.20	.	.	0.08	.	-1	.	.
96	HUNTER WTP	16DEC2015	.	.	.	.	0.10	-3.0	.	-1.0	-0.1	.	0.013	-0.20	.	.	.	.	-1	.	.
97	MARGARETVILLE	07JUL2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.073	.	.	.	.	.	.	.	.
98	MARGARETVILLE	07JUL2015	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
99	MARGARETVILLE	08JUL2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
100	MARGARETVILLE	21JUL2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.080	-0.20	.	.	.	.	.	.	.
101	MARGARETVILLE	22JUL2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
102	MARGARETVILLE	04AUG2015	.	.	.	.	.	.	-3.0	5.1	.	.	0.078	.	.	.	.	.	.	.	.

Catskill System

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
103	MARGARETVILLE	04AUG2015	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
104	MARGARETVILLE	05AUG2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
105	MARGARETVILLE	18AUG2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.071	-0.20	.	.	.	.	.	.	.
106	MARGARETVILLE	19AUG2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
107	MARGARETVILLE	01SEP2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.053	-0.20	.	.	.	.	.	.	.
108	MARGARETVILLE	02SEP2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
109	MARGARETVILLE	15SEP2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.053	-0.20	.	.	.	.	.	.	.
110	MARGARETVILLE	16SEP2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
111	MARGARETVILLE	06OCT2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.046	-0.20	.	.	.	.	.	.	.
112	MARGARETVILLE	07OCT2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
113	MARGARETVILLE	20OCT2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.049	-0.20	.	.	.	.	.	.	.
114	MARGARETVILLE	21OCT2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
115	MARGARETVILLE	04NOV2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.056	-0.20	.	.	.	.	.	.	.
116	MARGARETVILLE	05NOV2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
117	MARGARETVILLE	17NOV2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.046	-0.20	.	.	.	.	.	.	.
118	MARGARETVILLE	18NOV2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
119	MARGARETVILLE	01DEC2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.036	-0.20	.	.	.	.	.	.	.
120	MARGARETVILLE	02DEC2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
121	MARGARETVILLE	15DEC2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.030	-0.20	.	.	.	.	.	.	.
122	MARGARETVILLE	16DEC2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
123	MARGARETVILLE	07JUL2015	.	.	.	.	.	.	124.0	186.0	.	.	.	.	.	.	.	.	.	.	.
124	MARGARETVILLE	21JUL2015	.	.	.	.	.	.	152.0	160.0	.	.	.	.	.	.	.	.	.	.	.
125	MARGARETVILLE	04AUG2015	.	.	.	.	.	.	174.0	239.0	.	.	.	.	.	.	.	.	.	.	.
126	MARGARETVILLE	18AUG2015	.	.	.	.	.	.	233.0	734.0	.	.	.	.	.	.	.	.	.	.	.
127	MARGARETVILLE	01SEP2015	.	.	.	.	.	.	129.0	166.0	.	.	.	.	.	.	.	.	.	.	.
128	MARGARETVILLE	15SEP2015	.	.	.	.	.	.	178.0	239.0	.	.	.	.	.	.	.	.	.	.	.
129	MARGARETVILLE	06OCT2015	.	.	.	.	.	.	210.0	235.0	.	.	.	.	.	.	.	.	.	.	.
130	MARGARETVILLE	20OCT2015	.	.	.	.	.	.	202.0	190.0	.	.	.	.	.	.	.	.	.	.	.
131	MARGARETVILLE	04NOV2015	.	.	.	.	.	.	105.0	168.0	.	.	.	.	.	.	.	.	.	.	.

Catskill System

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
132	MARGARETVILLE	17NOV2015	.	.	.	.	.	.	163.0	236.0	.	.	.	.	.	.	.	.	.	.	.
133	MARGARETVILLE	01DEC2015	.	.	.	.	.	.	172.0	176.0	.	.	.	.	.	.	.	.	.	.	.
134	MARGARETVILLE	15DEC2015	.	.	.	.	.	.	202.0	207.0	.	.	.	.	.	.	.	.	.	.	.
135	MOUNTAIN VIEW	12NOV2015	.	17.0	7.35	9.1	0.10	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	.
136	MOUNTAIN VIEW	12NOV2015	.	.	.	.	.	.	.	.	.	.	0.203	.	.	.	.	.	.	.	.
137	ORAH CATSKILL RETREAT	08JUL2015	.	17.6	7.47	8.8	2.00	.	-3.0	4.6	-0.1	.	.	.	.	.	-0.04	.	2	.	.
138	ORAH CATSKILL RETREAT	08JUL2015	.	.	.	.	.	.	.	.	.	.	.	0.32	.	.	.	.	.	.	.
139	ORAH CATSKILL RETREAT	08JUL2015	.	.	.	.	.	.	.	.	.	.	0.650	.	.	.	.	.	.	.	.
140	ORAH CATSKILL RETREAT	12AUG2015	.	18.6	7.74	8.3	0.15	.	-3.0	-1.0	-0.1	.	.	.	.	.	-0.04	.	3	.	.
141	ORAH CATSKILL RETREAT	12AUG2015	.	.	.	.	.	.	.	.	.	.	0.834	.	.	.	.	.	.	.	.
142	ORAH CATSKILL RETREAT	12AUG2015	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
143	PRATTSVILLE WTP	08JUL2015	.	18.4	7.23	5.7	0.15	.	-3.0	-1.0	-0.1	.	0.048	.	.	0.85	-0.04	.	-1	.	.
144	PRATTSVILLE WTP	27JUL2015	.	18.9	7.08	.	0.10	.	.	.	.	.	.	.	.	.	.	.	.	.	.
145	PRATTSVILLE WTP	06AUG2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.045	.	.	1.00	-0.04	.	.	.	.
146	PRATTSVILLE WTP	06AUG2015	.	19.4	7.46	7.6	0.15	.	-3.0	-1.0	-0.1	.	0.040	.	.	1.00	-0.04	.	-1	.	.
147	PRATTSVILLE WTP	02SEP2015	.	20.8	7.48	6.2	0.10	.	-3.0	-1.0	-0.1	.	0.056	.	.	1.00	0.04	.	-1	.	.
148	PRATTSVILLE WTP	21OCT2015	.	17.9	7.39	7.8	0.10	.	-3.0	-1.0	-0.1	.	0.048	.	.	0.88	-0.04	.	-1	.	.
149	PRATTSVILLE WTP	26OCT2015	.	17.1	.	.	0.55	.	.	.	.	.	.	.	.	.	.	.	.	.	.
150	PRATTSVILLE WTP	04NOV2015	.	17.7	7.36	7.1	0.10	.	-3.0	-1.0	-0.1	.	0.046	.	.	0.88	-0.04	.	-1	.	.
151	PRATTSVILLE WTP	16DEC2015	.	.	.	.	0.10	.	-3.0	-1.0	-0.1	.	0.033	.	.	0.72	.	.	-1	.	.

Catskill System

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
152	GRAND GORGE	07JUL2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.064	.	.	.	.	.	.	.	.
153	GRAND GORGE	07JUL2015	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
154	GRAND GORGE	21JUL2015	.	.	.	.	.	.	-3.0	1.1	.	.	0.105	-0.20	.	.	.	.	.	.	.
155	GRAND GORGE	04AUG2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.062	.	.	.	.	.	.	.	.
156	GRAND GORGE	04AUG2015	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
157	GRAND GORGE	18AUG2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.052	-0.20	.	.	.	.	.	.	.
158	GRAND GORGE	01SEP2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.070	-0.20	.	.	.	.	.	.	.
159	GRAND GORGE	15SEP2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.025	-0.20	.	.	.	.	.	.	.
160	GRAND GORGE	06OCT2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.023	-0.20	.	.	.	.	.	.	.
161	GRAND GORGE	20OCT2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.014	-0.20	.	.	.	.	.	.	.
162	GRAND GORGE	04NOV2015	.	.	.	.	.	.	-3.0	-2.0	.	.	.	-0.20	.	.	.	.	.	.	.
163	GRAND GORGE	04NOV2015	.	.	.	.	.	.	.	.	.	.	0.234	.	.	.	.	.	.	.	.
164	GRAND GORGE	17NOV2015	.	.	.	.	.	.	4.3	-1.1	.	.	0.052	-0.20	.	.	.	.	.	.	.
165	GRAND GORGE	01DEC2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.020	-0.20	.	.	.	.	.	.	.
166	GRAND GORGE	15DEC2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.044	-0.20	.	.	.	.	.	.	.
167	GRAND GORGE	08JUL2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
168	GRAND GORGE	22JUL2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
169	GRAND GORGE	05AUG2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
170	GRAND GORGE	19AUG2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
171	GRAND GORGE	02SEP2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
172	GRAND GORGE	16SEP2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.
173	GRAND GORGE	07OCT2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
174	GRAND GORGE	21OCT2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
175	GRAND GORGE	05NOV2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
176	GRAND GORGE	18NOV2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
177	GRAND GORGE	02DEC2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
178	GRAND GORGE	16DEC2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
179	GRAND GORGE	07JUL2015	.	.	.	.	.	.	81.0	81.8	.	.	.	.	.	.	.	.	.	.	.
180	GRAND GORGE	21JUL2015	.	.	.	.	.	.	72.2	69.7	.	.	.	.	.	.	.	.	.	.	.

Catskill System

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
181	GRAND GORGE	04AUG2015	.	.	.	.	.	.	104.0	148.0	.	.	.	.	.	.	.	.	.	.	.
182	GRAND GORGE	18AUG2015	.	.	.	.	.	.	49.4	106.0	.	.	.	.	.	.	.	.	.	.	.
183	GRAND GORGE	01SEP2015	.	.	.	.	.	.	142.0	139.0	.	.	.	.	.	.	.	.	.	.	.
184	GRAND GORGE	15SEP2015	.	.	.	.	.	.	85.2	104.0	.	.	.	.	.	.	.	.	.	.	.
185	GRAND GORGE	06OCT2015	.	.	.	.	.	.	109.0	153.0	.	.	.	.	.	.	.	.	.	.	.
186	GRAND GORGE	20OCT2015	.	.	.	.	.	.	104.0	79.2	.	.	.	.	.	.	.	.	.	.	.
187	GRAND GORGE	04NOV2015	.	.	.	.	.	.	79.2	49.0	.	.	.	.	.	.	.	.	.	.	.
188	GRAND GORGE	17NOV2015	.	.	.	.	.	.	106.0	108.0	.	.	.	.	.	.	.	.	.	.	.
189	GRAND GORGE	01DEC2015	.	.	.	.	.	.	90.4	56.0	.	.	.	.	.	.	.	.	.	.	.
190	GRAND GORGE	15DEC2015	.	.	.	.	.	.	79.4	65.0	.	.	.	.	.	.	.	.	.	.	.
191	TANNERSVILLE	07JUL2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.042	.	.	.	.	.	.	.	.
192	TANNERSVILLE	07JUL2015	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
193	TANNERSVILLE	21JUL2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.099	-0.20	.	.	.	.	.	.	.
194	TANNERSVILLE	04AUG2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.069	.	.	.	.	.	.	.	.
195	TANNERSVILLE	04AUG2015	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
196	TANNERSVILLE	18AUG2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.034	-0.20	.	.	.	.	.	.	.
197	TANNERSVILLE	01SEP2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.027	-0.20	.	.	.	.	.	.	.
198	TANNERSVILLE	15SEP2015	.	.	.	.	.	.	-3.0	-2.3	.	.	0.013	-0.20	.	.	.	.	.	.	.
199	TANNERSVILLE	06OCT2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.007	-0.20	.	.	.	.	.	.	.
200	TANNERSVILLE	20OCT2015	.	.	.	.	.	.	-3.0	-2.0	.	.	0.007	-0.20	.	.	.	.	.	.	.
201	TANNERSVILLE	11NOV2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.008	-0.20	.	.	.	.	.	.	.
202	TANNERSVILLE	17NOV2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.011	-0.20	.	.	.	.	.	.	.
203	TANNERSVILLE	01DEC2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.005	-0.20	.	.	.	.	.	.	.
204	TANNERSVILLE	15DEC2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.007	-0.20	.	.	.	.	.	.	.
205	TANNERSVILLE	08JUL2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
206	TANNERSVILLE	22JUL2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
207	TANNERSVILLE	05AUG2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
208	TANNERSVILLE	19AUG2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
209	TANNERSVILLE	02SEP2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.

Catskill System

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
210	TANNERSVILLE	16SEP2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	530	.
211	TANNERSVILLE	17SEP2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.
212	TANNERSVILLE	07OCT2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.
213	TANNERSVILLE	21OCT2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.
214	TANNERSVILLE	12NOV2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.
215	TANNERSVILLE	18NOV2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.
216	TANNERSVILLE	02DEC2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.
217	TANNERSVILLE	16DEC2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.
218	TANNERSVILLE	07JUL2015	.	.	.	.	.	.	120.0	126.0	.	.	.	.	.	.	.	.	.	.	.
219	TANNERSVILLE	21JUL2015	.	.	.	.	.	.	155.0	134.0	.	.	.	.	.	.	.	.	.	.	.
220	TANNERSVILLE	04AUG2015	.	.	.	.	.	.	140.0	164.0	.	.	.	.	.	.	.	.	.	.	.
221	TANNERSVILLE	18AUG2015	.	.	.	.	.	.	234.0	204.0	.	.	.	.	.	.	.	.	.	.	.
222	TANNERSVILLE	01SEP2015	.	.	.	.	.	.	129.0	148.0	.	.	.	.	.	.	.	.	.	.	.
223	TANNERSVILLE	15SEP2015	.	.	.	.	.	.	58.8	98.0	.	.	.	.	.	.	.	.	.	.	.
224	TANNERSVILLE	06OCT2015	.	.	.	.	.	.	76.0	70.8	.	.	.	.	.	.	.	.	.	.	.
225	TANNERSVILLE	20OCT2015	.	.	.	.	.	.	107.0	155.0	.	.	.	.	.	.	.	.	.	.	.
226	TANNERSVILLE	11NOV2015	.	.	.	.	.	.	21.0	25.8	.	.	.	.	.	.	.	.	.	.	.
227	TANNERSVILLE	17NOV2015	.	.	.	.	.	.	66.6	77.5	.	.	.	.	.	.	.	.	.	.	.
228	TANNERSVILLE	01DEC2015	.	.	.	.	.	.	82.8	94.3	.	.	.	.	.	.	.	.	.	.	.
229	TANNERSVILLE	15DEC2015	.	.	.	.	.	.	119.0	118.0	.	.	.	.	.	.	.	.	.	.	.
230	WINDHAM WTP	08JUL2015	.	17.8	7.08	9.1	0.15	.	-3.0	-1.0	-0.1	.	0.010	.	.	0.61	-0.04	.	-1	.	.
231	WINDHAM WTP	08JUL2015	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
232	WINDHAM WTP	13AUG2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.019	-0.20	.	-0.20	-0.04	.	.	.	.
233	WINDHAM WTP	13AUG2015	.	19.0	6.98	8.9	0.10	.	-3.0	-1.0	-0.1	.	0.015	-0.20	.	0.36	0.05	.	-1	.	.
234	WINDHAM WTP	24AUG2015	.	18.5	6.86	.	0.20	.	.	.	.	.	.	.	.	.	.	.	.	.	.
235	WINDHAM WTP	02SEP2015	.	19.1	6.92	9.1	0.10	.	-3.0	-1.0	-0.1	.	0.016	-0.20	.	-0.20	-0.04	.	-1	.	.
236	WINDHAM WTP	14OCT2015	.	15.2	6.95	9.7	0.20	.	-3.0	-1.0	-0.1	.	0.018	-0.20	.	0.90	-0.04	.	-1	.	.
237	WINDHAM WTP	04NOV2015	.	14.2	7.11	10.4	0.15	-3.0	.	-1.0	-0.1	.	0.013	.	.	.	0.08	.	-1	.	.
238	WINDHAM WTP	01DEC2015	.	10.1	7.08	11.0	0.15	-3.0	.	-2.0	-0.1	.	0.030	.	.	.	-0.04	.	-1	.	.

Catskill System

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
239	WINDHAM WTP	01DEC2015	.	.	.	.	0.50	.	.	.	.	.	.	.	.	.	.	.	.	.	.
240	OLIVE WOODS	05AUG2015	.	21.1	8.06	8.4	0.20	.	-3.0	-1.0	-0.1	.	0.178	.	.	.	-0.04	.	5	.	.
241	OLIVE WOODS	05AUG2015	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
242	OLIVE WOODS	09SEP2015	.	20.9	7.89	8.8	0.15	.	-3.0	-2.2	-0.1	.	.	-0.20	.	.	-0.04	.	1	.	.
243	OLIVE WOODS	09SEP2015	.	.	.	.	.	.	.	.	.	.	0.290	.	.	.	.	.	.	.	.
244	OLIVE WOODS	14OCT2015	.	16.6	7.50	9.6	0.45	.	-3.0	-1.0	-0.1	.	0.177	-0.20	.	.	-0.04	.	-1	.	.
245	OLIVE WOODS	18NOV2015	.	12.6	7.91	10.8	2.40	.	-3.0	-1.0	-0.1	.	0.158	-0.20	.	.	-0.04	.	-1	.	.
246	OLIVE WOODS	02DEC2015	.	10.9	7.60	10.9	1.60	.	-3.0	-1.0	-0.1	.	0.151	-0.20	.	.	-0.04	.	-1	.	.

Delaware System

Obs	PLANT	COLLE CT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPS LDS	SETSL DS	TDS	TP	NH3	NO3	TKN	TCREF F	CL	FCOLI	FCCOD E	MBAS
1	WEST DELAWARE BOCES	08JUL 2015	0.002	21.4	7.77	3.3	0.10	.	-3.0	-1.0	-0.1	600	.	-0.20	.	.	-0.04	.	-1	.	.
2	WEST DELAWARE BOCES	08JUL 2015	.	.	.	.	.	.	.	.	.	.	0.276	.	.	.	.	.	.	.	.
3	WEST DELAWARE BOCES	12AUG 2015	0.005	23.0	7.91	4.8	0.25	.	-3.0	-1.0	-0.1	840	0.066	-0.20	.	.	-0.04	.	-1	.	.
4	WEST DELAWARE BOCES	09SEP 2015	0.005	24.7	7.59	4.7	0.15	.	-3.0	-1.0	-0.1	590	0.031	-0.20	.	.	-0.04	.	-1	.	.
5	WEST DELAWARE BOCES	14OCT 2015	0.004	17.3	7.56	7.9	0.10	.	-3.0	-1.0	-0.1	920	0.137	-0.20	.	.	-0.04	.	-1	.	.
6	WEST DELAWARE BOCES	18NOV 2015	0.004	17.1	7.50	7.6	0.40	.	-3.0	-1.0	-0.1	680	0.081	-0.20	.	.	-0.04	.	-1	.	.
7	WEST DELAWARE BOCES	16DEC 2015	0.004	18.7	7.32	5.6	0.30	.	-3.0	-1.0	-0.1	820	0.154	0.58	.	.	-0.04	.	-1	.	.
8	MOUNTAINSID E FARMS	01JUL 2015	.	27.6	7.70	6.1	0.10	-3.0	.	-1.0	.	.	0.074	.	.	.	.	.	.	.	-0.05
9	MOUNTAINSID E FARMS	01JUL 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	MOUNTAINSID E FARMS	01JUL 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	197	.	.	.
11	MOUNTAINSID E FARMS	05AUG 2015	0.043	27.6	7.69	6.5	0.35	-3.0	.	-1.0	.	.	0.015	.	.	.	.	197	.	.	0.10
12	MOUNTAINSID E FARMS	05AUG 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	MOUNTAINSID E FARMS	02SEP 2015	0.032	25.8	7.52	.	0.30	-3.0	.	-1.0	.	.	.	.	.	.	.	172	.	.	0.10
14	MOUNTAINSID E FARMS	02SEP 2015	.	.	.	.	.	.	.	.	.	.	.	.	29.56	.	.	.	.	.	.
15	MOUNTAINSID E FARMS	02SEP 2015	.	.	.	.	.	.	.	.	.	.	0.330	.	.	.	.	.	.	.	.

Delaware System

Obs	PLANT	COLLE CT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPS LDS	SETSL DS	TDS	TP	NH3	NO3	TKN	TCREF F	CL	FCOLI	FCCOD E	MBAS
16	MOUNTAINSID E FARMS	07OCT 2015	0.028	24.1	7.62	7.0	0.30	-3.0	.	-1.0	.	.	0.031	.	11.04	.	.	192	.		-0.05
17	MOUNTAINSID E FARMS	04NOV 2015	0.039	25.4	7.45	6.8	0.20	-3.0	.	-1.0	.	.	0.019	.	.	.	.	180	.		0.12
18	MOUNTAINSID E FARMS	04NOV 2015	.	.	.	.	.	.	.	.	.	.	.	.	17.07	.	.	181	.		.
19	MOUNTAINSID E FARMS	12NOV 2015	0.034	.	.	.	0.30	-3.0	.	-1.0	.	.	0.050	.	7.20	.	.	173	.		-0.10
20	MOUNTAINSID E FARMS	02DEC 2015	0.032	20.1	7.35	6.7	0.15	-3.0	.	-1.0	.	.	.	.	.	.	.	.	.		-0.10
21	MOUNTAINSID E FARMS	02DEC 2015	.	.	.	.	.	.	.	.	.	.	.	.	0.09	.	.	.	.		.
22	MOUNTAINSID E FARMS	02DEC 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	293	.		.
23	MOUNTAINSID E FARMS	02DEC 2015	.	.	.	.	.	.	.	.	.	.	0.216	.	.	.	.	.	.		.
24	DELHI	08JUL 2015	0.637	24.6	7.82	6.1	0.25	.	-3.0	-1.0	-0.1	.	0.029	-0.20	.	.	-0.04	.	-1		.
25	DELHI	22JUL 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.		.
26	DELHI	12AUG 2015	0.631	25.2	7.86	6.0	0.30	.	3.7	-1.0	-0.1	.	0.021	-0.20	.	-0.20	0.04	.	-1		.
27	DELHI	09SEP 2015	0.630	25.6	7.63	3.4	0.30	.	-3.0	-1.1	-0.1	.	0.052	-0.20	.	-0.20	-0.04	.	-1		.
28	DELHI	23SEP 2015	0.621	.	.	.	0.45	.	-3.0	-1.0	-0.1	.	0.067	-0.20	.	-0.20	-0.04	.	.		.
29	DELHI	14OCT 2015	0.569	20.0	9.21	7.7	0.20	.	4.1	-1.0	-0.1	.	0.044	-0.20	.	-0.20	-0.04	.	-1		.
30	DELHI	18NOV 2015	0.675	18.6	7.56	7.8	0.25	.	-3.0	-1.0	-0.1	.	0.080	-0.20	.	-0.40	-0.04	.	-1		.
31	DELHI	09DEC 2015	0.622	.	.	.	.	.	.	.	.	.	.	.	.	.	-0.04	.	.		.
32	DELHI	16DEC 2015	0.765	18.4	7.48	7.8	0.35	.	-3.0	-1.0	-0.1	.	0.023	-0.20	.	-0.20	-0.04	.	-1		.
33	HOBART	01JUL 2015	0.076	19.3	7.09	5.5	0.30	.	-3.0	-1.1	-0.1	.	0.080	-0.20	.	.	-0.04	.	-1		.

Delaware System

Obs	PLANT	COLLE CT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSP S LDS	SETSL DS	TDS	TP	NH3	NO3	TKN	TCREF F	CL	FCOLI	FCCOD E	MBAS
34	HOBART	05AUG 2015	0.076	19.9	7.26	6.8	0.10	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	
35	HOBART	05AUG 2015	.	.	.	.	.	.	.	.	.	.	0.414	.	.	.	.	.	.	.	
36	HOBART	02SEP 2015	0.076	19.6	7.14	.	0.40	.	-3.0	-1.0	-0.1	.	0.019	-0.20	.	.	-0.04	.	-1	.	
37	HOBART	23SEP 2015	0.076	.	.	.	0.20	.	-3.0	-1.0	-0.1	.	0.015	-0.20	.	.	-0.04	.	.	.	
38	HOBART	07OCT 2015	0.080	17.6	6.67	7.1	0.20	.	-3.0	-1.0	-0.1	.	0.016	-0.20	.	.	-0.04	.	-1	.	
39	HOBART	04NOV 2015	0.092	16.1	6.98	7.7	0.10	.	-3.0	-1.1	-0.1	.	0.012	-0.20	.	.	-0.04	.	-1	.	
40	HOBART	02DEC 2015	0.081	13.6	7.18	8.1	0.30	.	-3.0	-1.0	-0.1	.	0.006	-0.20	.	.	.	.	-1	.	
41	MARGARETVIL LE	07JUL 2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.073	.	.	.	.	.	.	.	
42	MARGARETVIL LE	07JUL 2015	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	
43	MARGARETVIL LE	08JUL 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	
44	MARGARETVIL LE	21JUL 2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.080	-0.20	.	.	.	.	.	.	
45	MARGARETVIL LE	22JUL 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	
46	MARGARETVIL LE	04AUG 2015	.	.	.	.	.	.	-3.0	5.1	.	.	0.078	.	.	.	.	.	.	.	
47	MARGARETVIL LE	04AUG 2015	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	
48	MARGARETVIL LE	05AUG 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	
49	MARGARETVIL LE	18AUG 2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.071	-0.20	.	.	.	.	.	.	
50	MARGARETVIL LE	19AUG 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	
51	MARGARETVIL LE	01SEP 2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.053	-0.20	.	.	.	.	.	.	

Delaware System

Obs	PLANT	COLLE CT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSP S LDS	SETSL DS	TDS	TP	NH3	NO3	TKN	TCREF F	CL	FCOLI	FCCOD E	MBAS
52	MARGARETVIL LE	02SEP 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.
53	MARGARETVIL LE	15SEP 2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.053	-0.20	.	.	.	.	.	.	.
54	MARGARETVIL LE	16SEP 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.
55	MARGARETVIL LE	06OCT 2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.046	-0.20	.	.	.	.	.	.	.
56	MARGARETVIL LE	07OCT 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.
57	MARGARETVIL LE	20OCT 2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.049	-0.20	.	.	.	.	.	.	.
58	MARGARETVIL LE	21OCT 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.
59	MARGARETVIL LE	04NOV 2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.056	-0.20	.	.	.	.	.	.	.
60	MARGARETVIL LE	05NOV 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.
61	MARGARETVIL LE	17NOV 2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.046	-0.20	.	.	.	.	.	.	.
62	MARGARETVIL LE	18NOV 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.
63	MARGARETVIL LE	01DEC 2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.036	-0.20	.	.	.	.	.	.	.
64	MARGARETVIL LE	02DEC 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.
65	MARGARETVIL LE	15DEC 2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.030	-0.20	.	.	.	.	.	.	.
66	MARGARETVIL LE	16DEC 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.
67	ANDES	08JUL 2015	0.020	19.3	7.99	7.6	0.25	-3.0	.	1.7	-0.1	.	0.081	-0.20	.	.	-0.04	.	-1	.	.
68	ANDES	12AUG 2015	0.018	20.4	7.85	7.3	0.35	-3.0	.	-1.0	-0.1	.	0.089	-0.20	.	.	-0.04	.	-1	.	.
69	ANDES	09SEP 2015	0.018	21.1	7.57	6.7	0.65	-3.0	.	-1.0	-0.1	.	0.044	-0.20	.	.	-0.04	.	-1	.	.

Delaware System

Obs	PLANT	COLLE CT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPS LDS	SETSL DS	TDS	TP	NH3	NO3	TKN	TCREF F	CL	FCOLI	FCCOD E	MBAS
70	ANDES	23SEP 2015	0.016	.	.	.	0.90	-3.0	.	-1.0	-0.1	.	0.030	-0.20	.	.	-0.04	.	.		.
71	ANDES	23SEP 2015	.	19.2	6.17	.	0.10	.	.	.	.	.	.	.	.	.	.	.	.		.
72	ANDES	14OCT 2015	0.018	17.9	7.11	8.3	0.30	14.2	.	-1.0	-0.1	.	0.052	-0.20	.	.	-0.04	.	-1		.
73	ANDES	18NOV 2015	0.023	14.4	7.80	9.8	0.15	-3.0	.	-1.0	-0.1	.	0.037	-0.20	.	.	-0.04	.	-1		.
74	ANDES	15DEC 2015	.	.	.	.	0.30	.	.	.	.	.	.	.	.	.	.	.	.		.
75	ANDES	16DEC 2015	0.028	13.6	7.90	9.8	0.25	-3.0	.	-1.0	-0.1	.	0.038	-0.20	.	.	-0.04	.	-1		.
76	CAMP L'MAN A'CHAI	08JUL 2015	.	20.7	7.16	7.1	0.40	.	-3.0	-2.2	-0.1	.	.	-0.20	.	.	-0.04	.	13		.
77	CAMP L'MAN A'CHAI	08JUL 2015	.	.	.	.	.	.	.	.	.	.	0.235	.	.	.	.	.	.		.
78	CAMP L'MAN A'CHAI	05AUG 2015	.	21.6	7.03	7.9	0.25	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	6		.
79	CAMP L'MAN A'CHAI	05AUG 2015	.	.	.	.	.	.	.	.	.	.	0.574	.	.	.	.	.	.		.
80	FLEISCHMANN S	01JUL 2015	0.050	15.6	7.46	9.2	0.10	.	-3.0	-1.0	-0.1	.	0.012	1.55	.	.	0.04	.	-1		.
81	FLEISCHMANN S	05AUG 2015	0.063	19.4	7.07	8.0	0.20	.	-3.0	-2.0	-0.1	.	0.021	-0.20	.	.	0.04	.	-1		.
82	FLEISCHMANN S	02SEP 2015	0.401	19.8	7.38	.	0.55	.	-3.0	-2.2	-0.1	.	0.017	-0.20	.	.	-0.04	.	-1		.
83	FLEISCHMANN S	23SEP 2015	.	17.4	7.22	.	0.20	.	.	.	.	.	.	.	.	.	.	.	.		.
84	FLEISCHMANN S	07OCT 2015	0.030	15.3	7.23	9.5	0.20	.	-3.0	-1.0	-0.1	.	0.011	-0.20	.	.	-0.04	.	-1		.
85	FLEISCHMANN S	04NOV 2015	0.046	12.8	7.53	10.2	0.10	.	-3.0	-1.0	-0.1	.	0.014	-0.20	.	.	-0.04	.	-1		.
86	FLEISCHMANN S	12NOV 2015	0.025	.	.	.	0.25	.	-3.0	-1.0	-0.1	.	0.011	-0.20	.	.	-0.04	.	.		.
87	FLEISCHMANN S	02DEC 2015	0.022	9.8	6.53	10.7	0.40	.	-3.0	-2.0	-0.1	.	0.010	-0.20	.	.	-0.04	.	-1		.

Delaware System

Obs	PLANT	COLLE CT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPS LDS	SETSL DS	TDS	TP	NH3	NO3	TKN	TCREF F	CL	FCOLI	FCCOD E	MBAS
88	FLEISCHMANN S	15DEC 2015	.	.	.	.	0.15	.	.	.	.	.	.	.	.	.	.	.	.	.	.
89	GRAHAMSVILL E	01JUL 2015	.	.	.	.	.	.	-3.0	-2.0	.	.	0.064	-0.20	.	.	.	.	.	.	.
90	GRAHAMSVILL E	01JUL 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.
91	GRAHAMSVILL E	05AUG 2015	.	.	.	.	.	.	-3.0	-1.1	.	.	0.042	.	.	.	.	.	.	.	.
92	GRAHAMSVILL E	05AUG 2015	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
93	GRAHAMSVILL E	05AUG 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.
94	GRAHAMSVILL E	02SEP 2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.035	-0.20	.	.	.	.	.	.	.
95	GRAHAMSVILL E	02SEP 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
96	GRAHAMSVILL E	07OCT 2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.033	-0.20	.	.	.	.	.	.	.
97	GRAHAMSVILL E	07OCT 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	40	.	.
98	GRAHAMSVILL E	04NOV 2015	.	.	.	.	.	.	-3.0	-2.0	.	.	0.021	-0.20	.	.	.	.	.	.	.
99	GRAHAMSVILL E	04NOV 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
100	GRAHAMSVILL E	02DEC 2015	.	.	.	.	.	.	-3.0	-1.0	.	.	0.019	-0.20	.	.	.	.	.	.	.
101	GRAHAMSVILL E	02DEC 2015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
102	GRAHAMSVILL E	26AUG 2015	.	21.3	7.35	.	0.10	.	.	.	.	.	.	.	.	.	.	.	.	.	.
103	GRAHAMSVILL E	09DEC 2015	.	.	.	.	0.10	.	.	.	.	.	.	.	.	.	.	.	.	.	.
104	ROXBURY	01JUL 2015	0.023	15.9	7.30	9.1	0.20	.	-3.0	-1.1	-0.1	.	.	-0.20	.	.	-0.04	.	5	.	.
105	ROXBURY	01JUL 2015	.	.	.	.	.	.	.	.	.	.	0.222	.	.	.	.	.	.	.	.

Delaware System

Obs	PLANT	COLLE CT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSP S LDS	SETSL DS	TDS	TP	NH3	NO3	TKN	TCREF F	CL	FCOLI	FCCOD E	MBAS
106	ROXBURY	05AUG 2015	0.005	19.1	7.94	8.2	0.40	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	
107	ROXBURY	05AUG 2015	.	.	.	.	.	.	.	.	.	.	0.406	.	.	.	.	.	.	.	
108	ROXBURY	02SEP 2015	0.012	19.6	8.55	.	0.35	.	15.6	-1.1	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	
109	ROXBURY	02SEP 2015	.	.	.	.	.	.	.	.	.	.	0.384	.	.	.	.	.	.	.	
110	ROXBURY	07OCT 2015	0.003	14.1	7.82	9.9	0.45	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	
111	ROXBURY	07OCT 2015	.	.	.	.	.	.	.	.	.	.	0.293	.	.	.	.	.	.	.	
112	ROXBURY	04NOV 2015	0.005	11.1	7.78	10.9	0.20	.	-3.0	-1.1	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	
113	ROXBURY	04NOV 2015	.	.	.	.	.	.	.	.	.	.	0.247	.	.	.	.	.	.	.	
114	ROXBURY	02DEC 2015	0.004	7.9	7.37	11.1	0.40	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	
115	ROXBURY	02DEC 2015	.	.	.	.	.	.	.	.	.	.	0.219	.	.	.	.	.	.	.	
116	STAMFORD	01JUL 2015	0.441	15.9	6.92	9.2	0.10	.	4.6	-1.0	-0.1	.	0.008	0.28	.	0.32	-0.04	.	-1	.	
117	STAMFORD	05AUG 2015	0.150	18.7	7.03	8.4	0.20	.	5.0	-1.0	0.1	.	0.033	-0.20	.	0.93	-0.04	.	-1	.	
118	STAMFORD	02SEP 2015	0.151	18.5	6.92	.	0.25	.	5.4	-1.0	-0.1	.	.	-0.20	.	-0.20	-0.04	.	-1	.	
119	STAMFORD	02SEP 2015	.	.	.	.	.	.	.	.	.	.	0.032	.	.	.	.	.	.	.	
120	STAMFORD	28SEP 2015	.	17.0	6.86	.	0.25	.	.	.	.	.	.	.	.	.	.	.	.	.	
121	STAMFORD	07OCT 2015	0.172	16.4	6.67	7.1	0.20	.	-3.0	-1.0	-0.1	.	.	-0.20	.	0.69	-0.04	.	10	.	
122	STAMFORD	07OCT 2015	.	.	.	.	.	.	.	.	.	.	0.014	.	.	.	.	.	.	.	
123	STAMFORD	04NOV 2015	0.224	14.0	6.83	8.8	0.10	.	4.0	-1.0	-0.1	.	.	-0.20	.	0.41	-0.04	.	-1	.	

Delaware System

Obs	PLANT	COLLE CT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPS LDS	SETSL DS	TDS	TP	NH3	NO3	TKN	TCREF F	CL	FCOLI	FCCOD E	MBAS
124	STAMFORD	04NOV 2015	.	.	.	.	.	.	.	.	.	.	0.011	.	.	.	.	.	.	.	.
125	STAMFORD	02DEC 2015	0.199	12.0	7.39	9.5	0.30	.	3.7	-1.0	-0.1	.	0.014	-0.20	.	0.42	-0.04	.	-1	.	.
126	STAMFORD	02DEC 2015	.	.	.	.	0.55	.	4.0	-1.0	-0.1	.	0.015	-0.20	.	0.41	-0.04	.	.	.	.
127	STAMFORD	15DEC 2015	.	.	.	.	1.10	.	.	.	.	.	.	.	.	.	.	.	.	.	.
128	WALTON	08JUL 2015	1.270	21.9	7.79	5.5	1.00	.	-3.0	-2.2	-0.1	.	0.013	-0.20	.	0.87	-0.04	.	-1	.	.
129	WALTON	12AUG 2015	1.110	23.5	7.81	7.0	0.45	.	-3.0	-1.0	-0.1	.	0.016	.	.	0.70	-0.04	.	-1	.	.
130	WALTON	12AUG 2015	.	.	.	.	.	.	.	.	.	.	.	0.26	.	.	.	.	.	.	.
131	WALTON	09SEP 2015	0.974	24.2	7.82	5.2	0.45	.	-3.0	-1.0	-0.1	.	0.013	0.24	.	0.81	-0.04	.	-1	.	.
132	WALTON	23SEP 2015	0.944	.	.	.	2.50	.	-3.0	-2.2	-0.1	.	0.160	1.86	.	2.90	-0.04	.	.	.	.
133	WALTON	14OCT 2015	0.977	20.9	7.77	8.8	0.70	.	3.3	-1.0	-0.1	.	0.012	-0.20	.	0.59	-0.04	.	-1	.	.
134	WALTON	18NOV 2015	1.170	18.0	7.52	9.1	0.55	.	-3.0	1.0	-0.1	.	0.013	-0.20	.	0.72	-0.04	.	-1	.	.
135	WALTON	16DEC 2015	1.633	17.4	7.53	9.0	0.25	.	-3.0	-1.0	-0.1	.	0.009	0.23	.	1.20	-0.04	.	-1	.	.