

***NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY***

**Semiannual report on sample monitoring of
NYC-owned and non-City-owned WWTPs
discharging in the CAT/DEL watershed**

July 1 – December 31, 2013

February 28, 2014

*Prepared in accordance with Section 6.2 of the draft revised 2007 United States
Environmental Protection Agency Filtration Avoidance Determination*



Prepared by: Bureau of Water Supply, Division of Watershed Water Quality Science and Research

Introduction

The attached computer output was prepared in accordance with DEP's 2006 Long-term Watershed Protection Program and EPA's draft 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, 2013 through December 31, 2013.

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. 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 mg/L. 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.

Mountainside Farms is currently under a DEC consent order and a full plant modification has been approved. Construction is ongoing and it is scheduled to be functionally open in 2014.

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 2013.

Catskill District:

Facility	Date	Parameter	Measurement	SPDES Limit
Boiceville	20NOV13	Ammonia	4.97	2.2 mg/l
Boiceville	03DEC13	Ammonia	3.49	2.2 mg/l
Boiceville	11DEC13	CBOD	19.7	8.0 mg/l
Camp Machne Tashbar	02JUL13	Dissolved Oxygen	6.89	7 mg/l, minimum
Camp Machne Tashbar	03SEP13	Dissolved Oxygen	6.8	7 mg/l, minimum
Camp Machne Tashbar	03SEP13	Fecal Coliforms	230	200 F.Coli./100mL
Camp Machne Tashbar	03SEP13	Temperature	23	21.1 °C (70°F)
Camp Timberlake	11JUL13	Temperature	23.8	21.1 °C (70°F)
Camp Timberlake	17JUL13	Temperature	24.4	21.1 °C (70°F)
Camp Timberlake	07AUG13	Temperature	21.9	21.1 °C (70°F)
Camp Timberlake	14AUG13	Temperature	21.6	21.1 °C (70°F)
Hunter Highlands	17DEC13	Ammonia	1.42	1.4 mg/l
Hunter Village	28AUG13	Tot.Chlor.Res.	0.26	0.20 mg/l
Hunter Village	11DEC13	CBOD	19.5	8.0 mg/l
Windham	13NOV13	Tot.Chlor.Res.	0.32	0.1 mg/l

Delaware District:

Facility	Date	Parameter	Measurement	SPDES Limit
Andes	18JUL13	Dissolved Oxygen	6.8	7 mg/l, minimum
Andes	18JUL13	Temperature	21.2	21.1 °C (70°F)
Delhi	18JUL13	Sett.Solids	0.2	0.1 ml/l
Delhi	21AUG13	CBOD	10.3	8.0 mg/l
Delhi	12DEC13	Susp.Solids	15.4	11 mg/l
Mountainside	10JUL13	BOD	>79	most likely>80 mg/l
Mountainside	17JUL13	BOD	141	80 mg/l
Mountainside	07AUG13	BOD	153	80 mg/l
Mountainside	14AUG13	BOD	421	80 mg/l
Mountainside	11SEP13	BOD	200	80 mg/l
Mountainside	18SEP13	BOD	303	80 mg/l
Mountainside	09OCT13	BOD	212	80 mg/l
Mountainside	23OCT13	BOD	491	80 mg/l
Mountainside	04DEC13	BOD	157	80 mg/l
Stamford	07AUG13	CBOD	8.3	8.0 mg/l
Walton	24JUL13	Fecal Coliforms	TNTC	400 CFU
WestDel BOCES	18JUL13	Temperature	25.5	21.1 °C (70°F)
WestDel BOCES	24JUL13	Temperature	23.9	21.1 °C (70°F)
WestDel BOCES	21AUG13	Temperature	22.1	21.1 °C (70°F)
WestDel BOCES	12SEP13	pH	6.27	6.5 - 8.5
WestDel BOCES	12SEP13	Temperature	25.1	21.1 °C (70°F)
WestDel BOCES	18SEP13	pH	5.61	6.5 - 8.5
WestDel BOCES	14NOV13	pH	6.15	6.5 - 8.5

Table 2. Comparison of effluent concentrations in DEP's samples with the limits of SPDES permits July - December 2013.

Catskill District:

Ashland WTP

date	Parameter	SPDES Violation	SPDES Limit
24JUL13		no violations	
14AUG13		no violations	
04SEP13		no violations	
11SEP13		no violations	
18SEP13		no violations	
02OCT13		no violations	
13NOV13		no violations	
03DEC13		no violations	

Boiceville WWTP

date	Parameter	SPDES Violation	SPDES Limit
11JUL13		no violations	
17JUL13		no violations	
14AUG13		no violations	
11SEP13		no violations	
18SEP13		no violations	
09OCT13		no violations	
16OCT13		no violations	
13NOV13		no violations	
20NOV13	Ammonia	4.97	2.2 mg/l
03DEC13	Ammonia	3.49	2.2 mg/l
11DEC13	CBOD5	19.7	8.0 mg/l

Camp Machne Tashbar - seasonal facility

date	Parameter	SPDES Violation	SPDES Limit
02JUL13	Dissolved Oxygen	6.89	7 mg/l, min.
31JUL13		no violations	
06AUG13		no violations	
14AUG13		no violations	
03SEP13	Dissolved Oxygen	6.8	7 mg/l, min.
03SEP13	Fecal Coliforms	230	200 F. Coli./100mL
03SEP13	Temp	23	21.1 °C, daily max.

Camp Timberlake - seasonal facility

date	Parameter	SPDES Violation	SPDES Limit
11JUL13	Temp	23.8	21.1 °C, daily max.
17JUL13	Temp	24.4	21.1 °C, daily max.
07AUG13	Temp	21.9	21.1 °C, daily max.
14AUG13	Temp	21.6	21.1 °C, daily max.

Elka Park (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
17JUL13		no violations	
03SEP13		no violations	
09OCT13		no violations	

Elka Park (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
06NOV13		no violations	
19NOV13		no violations	
04DEC13		no violations	

Grand Gorge (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
02JUL13		no violations	
03JUL13		no violations	
16JUL13		no violations	
17JUL13		no violations	
06AUG13		no violations	
07AUG13		no violations	
20AUG13		no violations	
21AUG13		no violations	
03SEP13		no violations	
04SEP13		no violations	
17SEP13		no violations	
18SEP13		no violations	
01OCT13		no violations	
02OCT13		no violations	
15OCT13		no violations	
16OCT13		no violations	

Grand Gorge (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
06NOV13		no violations	
07NOV13		no violations	
19NOV13		no violations	
20NOV13		no violations	
03DEC13		no violations	
04DEC13		no violations	
17DEC13		no violations	
18DEC13		no violations	

Hunter Highlands (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
11JUL13		no violations	
06AUG13		no violations	
28AUG13		no violations	
03SEP13		no violations	
18SEP13		no flow, no sample	
02OCT13		no violations	
09OCT13		no flow, no sample	

Hunter Highlands (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
11DEC13		no violations	
17DEC13	Ammonia	1.42	1.40 mg/l

Hunter Village (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
02JUL13		no violations	
11JUL13		no violations	
22JUL13		no violations	
06AUG13		no violations	
28AUG13	Tot. Chlor. Res.	0.26	0.2 mg/l
28AUG13		no violations	
02OCT13		no violations	
30OCT13		no violations	

Hunter Village (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
06NOV13		no violations	
19NOV13		no violations	
04DEC13		no violations	
11DEC13	BOD5	19.5	8 mg/l

Mountain View Estates, Inc.

date	Parameter	SPDES Violation	SPDES Limit
04DEC13		no violations	

Olive Woods

date	Parameter	SPDES Violation	SPDES Limit
17JUL13		no violations	
03SEP13		no violations	
18SEP13		no violations	
09OCT13		no flow, no sample	
06NOV13		no violations	
04DEC13		no violations	

Oorah Golden Acres - seasonal facility

date	Parameter	SPDES Violation	SPDES Limit
02JUL13		no violations	
24JUL13		no violations	
06AUG13		no violations	
14AUG13		no violations	

Pine Hill (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
02JUL13		no violations	
03JUL13		no violations	
16JUL13		no violations	
17JUL13		no violations	
06AUG13		no violations	
07AUG13		no violations	
20AUG13		no violations	
21AUG13		no violations	
03SEP13		no violations	

Pine Hill (summer limits) - continued

date	Parameter	SPDES Violation	SPDES Limit
04SEP13		no violations	
17SEP13		no violations	
18SEP13		no violations	
01OCT13		no violations	
02OCT13		no violations	
15OCT13		no violations	
16OCT13		no violations	

Pine Hill (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
06NOV13		no violations	
07NOV13		no violations	
19NOV13		no violations	
20NOV13		no violations	
03DEC13		no violations	
04DEC13		no violations	
17DEC13		no violations	
18DEC13		no violations	

Prattsville WTP

date	Parameter	SPDES Violation	SPDES Limit
02JUL13		no violations	
11JUL13		no violations	
22JUL13		no violations	
06AUG13		no violations	
14AUG13		no violations	
04SEP13		no violations	
18SEP13		no violations	
02OCT13		no violations	
16OCT13		no violations	
06NOV13		no violations	
13NOV13		no violations	
03DEC13		no violations	

Tannersville (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
02JUL13		no violations	
03JUL13		no violations	
16JUL13		no violations	
17JUL13		no violations	
06AUG13		no violations	
07AUG13		no violations	
20AUG13		no violations	
21AUG13		no violations	
03SEP13		no violations	
04SEP13		no violations	
17SEP13		no violations	
18SEP13		no violations	
01OCT13		no violations	
02OCT13		no violations	
15OCT13		no violations	
16OCT13		no violations	

Tannersville (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
06NOV13		no violations	
07NOV13		no violations	
19NOV13		no violations	
20NOV13		no violations	
03DEC13		no violations	
04DEC13		no violations	
17DEC13		no violations	
18DEC13		no violations	

Windham (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
02JUL13		no violations	
11JUL13		no violations	
06AUG13		no violations	
14AUG13		no violations	
19AUG13		no violations	
04SEP13		no violations	
11SEP13		no violations	
02OCT13		no violations	
16OCT13		no violations	

Windham (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
06NOV13		no violations	
13NOV13	Tot. Chlor. Res.	0.32	0.1 mg/l
25NOV13		no violations	
03DEC13		no violations	
11DEC13		no violations	

Delaware District:

Andes (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
18JUL13	Dissolved Oxygen	6.8	7 mg/l, min.
18JUL13	Temperature	21.2	21.1 °C (70°F)
15AUG13		no violations	
21AUG13		no violations	
12SEP13		no violations	
18SEP13		no violations	
24SEP13		no violations	
10OCT13		no violations	
16OCT13		no violations	
23OCT13		no flow, no sample	

Andes (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
14NOV13		no violations	
12DEC13		no violations	
16DEC13		no violations	
18DEC13		no violations	

Camp L'man A'chai - seasonal facility

date	Parameter	SPDES Violation	SPDES Limit
10JUL13		no violations	
17JUL13		no violations	
07AUG13		no violations	
14AUG13		no violations	

Delhi WWTP

date	Parameter	SPDES Violation	SPDES Limit
18JUL13	Settleable Slds	0.2	0.1 ml/l
24JUL13		no violations	
15AUG13		no violations	
21AUG13	CBOD5	10.3	8.0 mg/l
12SEP13		no violations	
18SEP13		no violations	
25SEP13		no violations	
10OCT13		no violations	
16OCT13		no violations	
22OCT13		no violations	
14NOV13		no violations	

Delhi WWTP - continued

date	Parameter	SPDES Violation	SPDES Limit
20NOV13		no violations	
12DEC13	Suspended Solids	15.4	11 mg/l
18DEC13		no violations	

Fleischmanns WWTP

date	Parameter	SPDES Violation	SPDES Limit
10JUL13		no violations	
17JUL13		no violations	
07AUG13		no violations	
14AUG13		no violations	
04SEP13		no violations	
11SEP13		no violations	
24SEP13		no violations	
09OCT13		no violations	
16OCT13		no violations	
23OCT13		no violations	
06NOV13		no violations	
13NOV13		no violations	
04DEC13		no violations	
11DEC13		no violations	
16DEC13		no violations	

Grahamsville WWTP

date	Parameter	SPDES Violation	SPDES Limit
10JUL13		no violations	
07AUG13		no violations	
04SEP13		no violations	
02OCT13		no violations	
06NOV13		no violations	
04DEC13		no violations	

Hobart

date	Parameter	SPDES Violation	SPDES Limit
10JUL13		no violations	
17JUL13		no violations	
07AUG13		no violations	
14AUG13		no violations	
04SEP13		no violations	
11SEP13		no violations	
25SEP13		no violations	

Hobart - continued

date	Parameter	SPDES Violation	SPDES Limit
02OCT13		no violations	
09OCT13		no violations	
06NOV13		no violations	
13NOV13		no violations	
04DEC13		no violations	
11DEC13		no violations	

Margaretville

date	Parameter	SPDES Violation	SPDES Limit
02JUL13		no violations	
03JUL13		no violations	
16JUL13		no violations	
17JUL13		no violations	
06AUG13		no violations	
07AUG13		no violations	
20AUG13		no violations	
21AUG13		no violations	
03SEP13		no violations	
04SEP13		no violations	
17SEP13		no violations	
18SEP13		no violations	
01OCT13		no violations	
02OCT13		no violations	
15OCT13		no violations	
16OCT13		no violations	
06NOV13		no violations	
07NOV13		no violations	
19NOV13		no violations	
20NOV13		no violations	
03DEC13		no violations	
04DEC13		no violations	
17DEC13		no violations	
18DEC13		no violations	

Margaretville--% removals

date	Parameter	SPDES Violation	SPDES Limit
02JUL13		% removals okay	
16JUL13		% removals okay	
06AUG13		% removals okay	
20AUG13		% removals okay	
03SEP13		% removals okay	
17SEP13		% removals okay	
01OCT13		% removals okay	
15OCT13		% removals okay	

Margaretville--% removals - continued

date	Parameter	SPDES Violation	SPDES Limit
06NOV13		% removals okay	
19NOV13		% removals okay	
03DEC13		% removals okay	
17DEC13		% removals okay	

Mountainside Farms - Delaware County Dairies

date	Parameter	SPDES Violation	SPDES Limit
10JUL13	BOD	>79mg/l, most likely	>80 limit
17JUL13	BOD	141	80 Action Level > 50 mg/l
07AUG13	BOD	153	80 Action Level > 50 mg/l
14AUG13	BOD	421	80 Action Level > 50 mg/l
04SEP13		no violations	
11SEP13	BOD	200	80 Action Level > 50 mg/l
18SEP13	BOD	303	80 Action Level > 50 mg/l
02OCT13		no violations	
09OCT13	BOD	212	80 Action Level > 50 mg/l
23OCT13	BOD	491	80 Action Level > 50 mg/l
06NOV13		no violations	
13NOV13		no violations	
04DEC13	BOD	157	80 Action Level > 50 mg/l
11DEC13		no violations	

Roxbury Run (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
10JUL13	Temperature	21.2	21.1 øC, (70øF)
17JUL13		no violations	
07AUG13		no violations	
14AUG13		no violations	
04SEP13		no violations	
11SEP13		no violations	
02OCT13		no violations	
09OCT13		no violations	

Roxbury Run (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
06NOV13		no violations	
13NOV13		no violations	
04DEC13		no violations	
11DEC13		no violations	

Stamford WWTP

date	Parameter	SPDES Violation	SPDES Limit
10JUL13		no violations	
17JUL13		no violations	
07AUG13	CBOD5	8.3	8.0 mg/l
14AUG13		no violations	
04SEP13		no violations	
17SEP13		no violations	
02OCT13		no violations	
09OCT13		no violations	
06NOV13		no violations	
13NOV13		no violations	
04DEC13		no violations	
05DEC13		no violations	
11DEC13		no violations	
17DEC13		no violations	

Walton WWTP

date	Parameter	SPDES Violation	SPDES Limit
18JUL13		no violations	
24JUL13	Fecal Coliforms	TNTC	400 CFU 7-day G.M.
29JUL13		no violations	
15AUG13		no violations	
21AUG13		no violations	
12SEP13		no violations	
18SEP13		no violations	
25SEP13		no violations	
10OCT13		no violations	
16OCT13		no violations	
22OCT13		no violations	
14NOV13		no violations	
20NOV13		no violations	
12DEC13		no violations	
18DEC13		no violations	

Delaware County BOCES

date	Parameter	SPDES Violation	SPDES Limit
18JUL13	Temperature	25.5	21.1 °C (70°F)
24JUL13	Temperature	23.9	21.1 °C (70°F)
29JUL13		no violations	
15AUG13		no violations	
21AUG13	Temperature	22.1	21.1 °C (70°F)
12SEP13	pH	6.27	6.5 - 8.5
12SEP13	Temperature	25.1	21.1 °C (70°F)
18SEP13	pH	5.61	6.5 - 8.5
10OCT13		no violations	

Delaware County BOCES - continued

date	Parameter	SPDES Violation	SPDES Limit
16OCT13		no violations	
22OCT13		no violations	
14NOV13	pH	6.15	6.5 - 8.5
20NOV13		no violations	
12DEC13		no violations	
18DEC13		no violations	

Catskill District

Table 3. Raw Data for CAT/DEL WWTP effluent samples collected July - December 2013.

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	24JUL2013	.	19.3	7.48	6.9	0.10	-3.0	.	-1.0	-0.1	.	0.065	-0.20	.	.	-0.04	.	-1	.	.
2	ASHLAND WTP	14AUG2013	.	18.7	7.40	6.6	0.10	-3.0	.	-1.0	-0.1	.	0.141	-0.20	.	.	0.04	.	-1	.	.
3	ASHLAND WTP	04SEP2013	.	17.3	7.38	8.1	-0.10	.	.	-1.0	-0.1	.	.	0.26	.	.	-0.04	.	-1	.	.
4	ASHLAND WTP	04SEP2013	0	.	.	.	.	.	.	.	.	.	0.219	.	.	.	.	.	.	.	.
5	ASHLAND WTP	11SEP2013	.	15.7	7.49	8.9	-0.10	-3.0	.	-1.0	-0.1	.	0.183	0.20	.	.	-0.04	.	-1	.	.
6	ASHLAND WTP	18SEP2013	.	.	.	.	.	4.8	.	.	.	.	.	.	.	.	-0.04	.	.	.	.
7	ASHLAND WTP	02OCT2013	.	16.1	7.29	8.5	-0.10	-3.0	.	-1.0	-0.1	.	0.144	-0.20	.	.	0.04	.	-1	.	.
8	ASHLAND WTP	13NOV2013	.	13.3	7.48	9.0	0.10	-3.0	.	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	.
9	ASHLAND WTP	13NOV2013	.	.	.	.	.	.	.	.	.	.	0.249	.	.	.	.	.	.	.	.
10	ASHLAND WTP	03DEC2013	.	13.6	7.40	9.3	-0.10	-3.0	.	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	.
11	ASHLAND WTP	03DEC2013	.	.	.	.	.	.	.	.	.	.	0.418	.	.	.	.	.	.	.	.
12	BOICEVILLE WTP	11JUL2013	.	21.6	7.80	8.8	0.15	.	-3.0	-2.0	-0.1	.	0.139	0.24	.	.	0.04	.	-1	.	.
13	BOICEVILLE WTP	17JUL2013	.	22.6	7.87	8.8	0.15	.	-3.0	-1.0	-0.1	.	0.119	0.26	.	.	0.05	.	-1	.	.
14	BOICEVILLE WTP	14AUG2013	.	22.2	8.23	8.7	0.25	.	-3.0	-1.0	-0.1	.	0.094	-0.20	.	.	-0.04	.	-1	.	.
15	BOICEVILLE WTP	11SEP2013	.	19.3	8.22	9.1	0.15	.	-3.0	-1.0	-0.1	.	0.043	0.26	.	.	-0.04	.	-1	.	.
16	BOICEVILLE WTP	18SEP2013	.	20.2	7.98	9.1	0.10	.	-3.0	-1.0	-0.1	.	0.045	-0.20	.	.	-0.04	.	-1	.	.
17	BOICEVILLE WTP	09OCT2013	0	19.9	7.91	9.2	0.10	.	-3.0	-1.0	-0.1	.	0.049	-0.20	.	.	-0.04	.	-1	.	.
18	BOICEVILLE WTP	16OCT2013	0	20.2	8.21	9.1	0.20	.	-3.0	-1.0	-0.1	.	0.043	0.20	.	.	-0.04	.	-1	.	.
19	BOICEVILLE WTP	13NOV2013	.	16.1	7.77	9.8	0.15	.	-3.0	-1.0	-0.1	.	0.035	-0.20	.	.	-0.04	.	-1	.	.
20	BOICEVILLE WTP	20NOV2013	.	16.5	7.36	9.7	0.10	.	-3.0	-1.0	-0.1	.	0.033	4.97	.	.	-0.04	.	-1	.	.
21	BOICEVILLE WTP	03DEC2013	.	14.3	7.33	10.3	0.30	.	-3.0	-1.0	-0.1	.	0.013	3.49	.	.	-0.04	.	-1	.	.
22	BOICEVILLE WTP	11DEC2013	0	13.3	7.59	10.0	0.10	.	19.7	-1.0	-0.1	.	0.018	.	.	.	-0.04	.	-1	.	.
23	BOICEVILLE WTP	11DEC2013	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
24	CAMP MACHNE TASHBAR	02JUL2013	.	20.8	7.49	6.9	0.25	.	3.5	-1.0	-0.1	.	0.006	0.99	.	.	-0.04	.	-1	.	.
25	CAMP MACHNE TASHBAR	31JUL2013	.	19.3	7.21	8.2	0.25	.	4.1	-1.0	-0.1	.	0.007	-0.20	.	.	-0.04	.	-1	.	.
26	CAMP MACHNE TASHBAR	06AUG2013	.	19.6	7.40	8.1	0.20	.	3.2	-1.0	-0.1	.	0.007	-0.20	.	.	-0.04	.	-1	.	.

Catskill District

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS	
27	CAMP MACHNE TASHBAR	14AUG2013	.	20.4	7.25	7.4	0.20	.	-3.0	-1.0	-0.1	.	0.007	0.55	.	.	-0.04	.	-1		.	
28	CAMP MACHNE TASHBAR	03SEP2013	.	23.0	7.26	6.8	2.10	.	18.2	9.2	-0.1	.	0.165	-0.20	.	.	-0.04	.	230		.	
29	CAMP TIMBERLAKE	11JUL2013	.	23.8	7.58	7.2	0.15	.	-3.0	-1.0	-0.1	.	.	0.22	.	.	-0.04	.	-1		.	
30	CAMP TIMBERLAKE	11JUL2013	.	.	.	.	.	.	.	.	.	.	0.516	.	.	.	.	.	.		.
31	CAMP TIMBERLAKE	17JUL2013	.	24.4	7.62	7.2	0.10	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1		.	
32	CAMP TIMBERLAKE	17JUL2013	.	.	.	.	.	.	.	.	.	.	0.393	.	.	.	.	.	.		.
33	CAMP TIMBERLAKE	07AUG2013	.	21.9	7.35	7.7	-0.10	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1		.	
34	CAMP TIMBERLAKE	07AUG2013	.	.	.	.	.	.	.	.	.	.	0.268	.	.	.	.	.	.		.
35	CAMP TIMBERLAKE	14AUG2013	.	21.6	7.27	7.2	0.10	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	0.04	.	-1		.	
36	CAMP TIMBERLAKE	14AUG2013	.	.	.	.	.	.	.	.	.	.	0.297	.	.	.	.	.	.		.
37	ELKA PARK	17JUL2013	.	19.8	7.74	8.5	0.10	.	-3.0	-1.0	-0.1	.	0.128	-0.20	.	.	-0.04	.	-1		.	
38	ELKA PARK	03SEP2013	.	19.2	7.60	8.2	0.10	.	-3.0	-1.0	-0.1	.	0.186	-0.20	.	.	-0.04	.	-1		.	
39	ELKA PARK	09OCT2013	0	14.5	7.72	9.4	-0.10	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1		.	
40	ELKA PARK	09OCT2013	.	.	.	.	.	.	.	.	.	.	0.219	.	.	.	.	.	.		.
41	ELKA PARK	06NOV2013	.	10.8	7.69	10.5	0.10	.	-3.0	-1.0	-0.1	.	0.147	-0.20	.	.	-0.04	.	-1		.	
42	ELKA PARK	19NOV2013	.	8.1	7.55	10.8	0.10	.	-3.0	-1.0	-0.1	.	0.152	.	.	.	-0.04	.	-1		.	
43	ELKA PARK	19NOV2013	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.		.
44	ELKA PARK	04DEC2013	.	7.5	7.76	10.8	-0.10	.	-3.0	-1.0	-0.1	.	0.104	-0.20	.	.	-0.04	.	-1		.	
45	GRAND GORGE	02JUL2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.070	-0.20	.	.	.	.	.		.
46	GRAND GORGE	03JUL2013	-1		.
47	GRAND GORGE	16JUL2013	-3.0	-1.0	.	.	0.048	-0.20	
48	GRAND GORGE	17JUL2013	-1		.
49	GRAND GORGE	06AUG2013	-3.0	-1.0	.	.	0.019	-0.20	

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Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS	
50	GRAND GORGE	07AUG2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
51	GRAND GORGE	20AUG2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.034	-0.20	.	.	.	.	.	.	.	.
52	GRAND GORGE	21AUG2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
53	GRAND GORGE	03SEP2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.051	-0.20	.	.	.	.	.	.	.	.
54	GRAND GORGE	04SEP2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
55	GRAND GORGE	17SEP2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.029	-0.20	.	.	.	.	.	.	.	.
56	GRAND GORGE	18SEP2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
57	GRAND GORGE	01OCT2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.012	-0.20	.	.	.	.	.	.	.	.
58	GRAND GORGE	02OCT2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
59	GRAND GORGE	15OCT2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.017	-0.20	.	.	.	.	.	.	.	.
60	GRAND GORGE	16OCT2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
61	GRAND GORGE	06NOV2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.085	-0.20	.	.	.	.	.	.	.	.
62	GRAND GORGE	07NOV2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
63	GRAND GORGE	19NOV2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.009	-0.20	.	.	.	.	.	.	.	.
64	GRAND GORGE	20NOV2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
65	GRAND GORGE	03DEC2013	.	.	.	.	.	.	-3.0	-1.1	.	.	0.009	0.55	.	.	.	.	.	.	.	.
66	GRAND GORGE	04DEC2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
67	GRAND GORGE	17DEC2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.006	-0.20	.	.	.	.	.	.	.	.
68	GRAND GORGE	18DEC2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
69	HUNTER HIGHLANDS	11JUL2013	.	.	.	.	.	.	-3.0	-1.1	.	.	0.021	-0.20	.	.	-0.04	.	.	.	.	.
70	HUNTER HIGHLANDS	11JUL2013	.	24.0	7.33	7.8	0.60	.	-3.0	-1.0	-0.1	.	0.020	-0.20	.	.	-0.04	.	-1	.	.	.
71	HUNTER HIGHLANDS	17JUL2013	.	22.9	7.22	7.7	2.30	.	-3.0	2.5	0.1	.	0.035	0.21	.	.	-0.04	.	28	.	.	.
72	HUNTER HIGHLANDS	06AUG2013	.	19.9	7.39	7.9	0.30	.	-3.0	-1.0	-0.1	.	0.056	-0.20	.	.	0.04	.	-1	.	.	.
73	HUNTER HIGHLANDS	27AUG2013	.	20.4	7.17	.	0.15
74	HUNTER HIGHLANDS	28AUG2013	.	21.3	7.35	8.0	0.15	.	-3.0	-1.0	-0.1	.	0.013	-0.20	.	.	-0.04	.	-1	.	.	.

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Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
75	HUNTER HIGHLANDS	03SEP2013	.	23.6	7.65	7.3	0.45	.	-3.0	-1.0	-0.1	.	0.036	-0.20	.	.	0.19	.	-1	.	.
76	HUNTER HIGHLANDS	18SEP2013	0	15.9	7.68	8.9	0.10	.	-3.0	-1.0	-0.1	.	0.013	-0.20	.	.	-0.04	.	-1	.	.
77	HUNTER HIGHLANDS	02OCT2013	.	16.8	7.82	8.9	0.15	.	6.5	-1.0	-0.1	.	0.013	-0.20	.	.	-0.04	.	-1	.	.
78	HUNTER HIGHLANDS	09OCT2013	0	14.9	7.43	9.3	0.10	.	-3.0	-1.0	-0.1	.	0.009	-0.20	.	.	0.06	.	-1	.	.
79	HUNTER HIGHLANDS	25NOV2013	.	.	.	.	0.10	.	.	.	.	.	.	.	.	.	.	.	.	.	.
80	HUNTER HIGHLANDS	11DEC2013	.	5.8	7.36	11.8	0.15	.	-3.0	-1.0	-0.1	.	0.009	.	.	.	-0.04	.	-1	.	.
81	HUNTER HIGHLANDS	11DEC2013	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
82	HUNTER HIGHLANDS	17DEC2013	.	7.3	7.50	11.1	0.20	.	-3.0	-1.0	-0.1	.	0.012	1.42	.	.	-0.04	.	-1	.	.
83	HUNTER WTP	02JUL2013	.	19.6	7.13	8.6	0.15	-3.0	.	-1.0	-0.1	.	0.104	-0.20	.	.	-0.04	.	-1	.	.
84	HUNTER WTP	11JUL2013	.	.	.	.	.	5.0	.	3.8	.	.	0.052	-0.20	.	.	-0.04	.	.	.	.
85	HUNTER WTP	11JUL2013	.	21.5	6.47	7.9	0.35	-3.0	.	-1.0	-0.1	.	0.030	-0.20	.	.	0.05	.	-1	.	.
86	HUNTER WTP	22JUL2013	.	22.5	6.42	.	0.10	.	.	.	.	.	.	.	.	.	.	.	.	.	.
87	HUNTER WTP	06AUG2013	.	20.3	6.62	8.3	0.15	-3.0	.	-1.1	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	.
88	HUNTER WTP	06AUG2013	.	.	.	.	.	.	.	.	.	.	0.243	.	.	.	.	.	.	.	.
89	HUNTER WTP	28AUG2013	.	21.0	7.06	8.2	0.15	-3.0	.	-1.0	-0.1	.	.	-0.20	.	.	0.26	.	-1	.	.
90	HUNTER WTP	28AUG2013	.	.	.	.	.	.	.	.	.	.	0.271	.	.	.	.	.	.	.	.
91	HUNTER WTP	25SEP2013	.	16.6	7.23	9.2	0.10	3.0	.	-1.0	0.1	.	0.025	-0.20	.	.	-0.04	.	-1	.	.
92	HUNTER WTP	02OCT2013	.	16.9	7.43	9.5	0.15	-3.0	.	-1.0	-0.1	.	0.019	-0.20	.	.	0.04	.	-1	.	.
93	HUNTER WTP	30OCT2013	.	.	.	.	0.15	.	.	.	.	.	.	.	.	.	.	.	.	.	.
94	HUNTER WTP	06NOV2013	.	11.8	7.01	11.0	0.10	-3.0	.	-1.0	-0.1	.	0.014	-0.20	.	.	-0.04	.	-1	.	.
95	HUNTER WTP	19NOV2013	.	10.3	7.17	10.7	0.25	3.1	.	-1.0	-0.1	.	0.031	-0.20	.	.	-0.04	.	-1	.	.
96	HUNTER WTP	04DEC2013	.	8.6	6.94	10.9	0.10	-3.0	.	-1.0	-0.1	.	0.018	0.39	.	.	-0.04	.	-1	.	.
97	HUNTER WTP	11DEC2013	.	7.5	6.79	11.4	0.25	19.5	.	-1.0	-0.1	.	0.022	.	.	.	-0.04	.	-1	.	.
98	HUNTER WTP	11DEC2013	-0.20

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Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
99	MOUNTAIN VIEW	04DEC2013	.	12.8	8.50	9.5	0.10	.	-3.0	-1.0	-0.1	.	.	1.01	.	.	.	.	-1	.	.
100	MOUNTAIN VIEW	04DEC2013	.	.	.	.	.	.	.	.	.	.	0.351	.	.	.	.	.	.	.	.
101	OLIVE WOODS	17JUL2013	.	21.7	8.26	8.5	0.10	.	-3.0	-1.0	-0.1	.	0.010	-0.20	.	.	-0.04	.	-1	.	.
102	OLIVE WOODS	03SEP2013	.	19.0	8.08	8.7	0.15	.	-3.0	-1.0	-0.1	.	0.007	-0.20	.	.	-0.04	.	-1	.	.
103	OLIVE WOODS	18SEP2013	.	17.3	7.97	9.2	0.10	.	-3.0	-1.0	-0.1	.	0.031	-0.20	.	.	-0.04	.	-1	.	.
104	OLIVE WOODS	09OCT2013	0	16.4	8.09	9.4	0.10	.	-3.0	-1.0	-0.1	.	0.035	-0.20	.	.	-0.04	.	-1	.	.
105	OLIVE WOODS	06NOV2013	.	11.9	7.85	10.7	0.10	.	-3.0	-1.0	-0.1	.	0.041	-0.20	.	.	-0.04	.	-1	.	.
106	OLIVE WOODS	04DEC2013	.	9.5	7.75	10.8	0.10	.	-3.0	-1.1	-0.1	.	0.065	0.55	.	.	-0.04	.	-1	.	.
107	OORAH GOLDEN ACRES	02JUL2013	.	19.1	8.31	9.5	0.10	.	-3.0	-1.0	-0.1	.	.	0.41	.	.	0.09	.	-1	.	.
108	OORAH GOLDEN ACRES	02JUL2013	.	.	.	.	.	.	.	.	.	.	0.337	.	.	.	.	.	.	.	.
109	OORAH GOLDEN ACRES	24JUL2013	.	20.1	8.14	8.1	0.20	.	-3.0	-1.0	-0.1	.	0.480	-0.20	.	.	-0.04	.	-1	.	.
110	OORAH GOLDEN ACRES	06AUG2013	.	19.6	8.03	8.3	0.15	.	-3.0	-2.0	-0.1	.	.	-0.20	.	.	0.06	.	-1	.	.
111	OORAH GOLDEN ACRES	06AUG2013	.	.	.	.	.	.	.	.	.	.	0.583	.	.	.	.	.	.	.	.
112	OORAH GOLDEN ACRES	14AUG2013	.	19.1	7.91	8.2	0.25	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	0.04	.	-1	.	.
113	OORAH GOLDEN ACRES	14AUG2013	.	.	.	.	.	.	.	.	.	.	0.436	.	.	.	.	.	.	.	.
114	PINE HILL	02JUL2013	.	.	.	.	.	-3.0	.	-1.0	.	.	0.006	-0.20	.	.	.	.	.	.	.
115	PINE HILL	03JUL2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
116	PINE HILL	16JUL2013	.	.	.	.	.	-3.0	.	-1.1	.	.	0.007	-0.20	.	.	.	.	.	.	.
117	PINE HILL	17JUL2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
118	PINE HILL	06AUG2013	.	.	.	.	.	-3.0	.	-1.0	.	.	0.008	-0.20	.	.	.	.	.	.	.
119	PINE HILL	07AUG2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
120	PINE HILL	20AUG2013	.	.	.	.	.	-3.0	.	-1.0	.	.	0.010	-0.20	.	.	.	.	.	.	.
121	PINE HILL	21AUG2013	-1	.	.
122	PINE HILL	03SEP2013	-1.0	.	.	0.015	-0.20
123	PINE HILL	03SEP2013	-3.0

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Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS	
124	PINE HILL	04SEP2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
125	PINE HILL	17SEP2013	.	.	.	.	.	-3.0	.	-1.0	.	.	0.014	-0.20	.	.	.	.	.	.	.	.
126	PINE HILL	18SEP2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
127	PINE HILL	01OCT2013	.	.	.	.	.	-3.0	.	-1.0	.	.	0.013	-0.20	.	.	.	.	.	.	.	.
128	PINE HILL	02OCT2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
129	PINE HILL	15OCT2013	.	.	.	.	.	-3.0	.	-1.0	.	.	0.010	-0.20	.	.	.	.	.	.	.	.
130	PINE HILL	16OCT2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
131	PINE HILL	06NOV2013	.	.	.	.	.	-3.0	.	-1.1	.	.	0.009	-0.20	.	.	.	.	.	.	.	.
132	PINE HILL	07NOV2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
133	PINE HILL	19NOV2013	.	.	.	.	.	-3.0	.	-1.0	.	.	0.008	-0.20	.	.	.	.	.	.	.	.
134	PINE HILL	20NOV2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
135	PINE HILL	03DEC2013	.	.	.	.	.	-3.0	.	-1.1	.	.	0.007	-0.20	.	.	.	.	.	.	.	.
136	PINE HILL	04DEC2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
137	PINE HILL	17DEC2013	.	.	.	.	.	5.0	.	-1.1	.	.	-0.005	-0.20	.	.	.	.	.	.	.	.
138	PINE HILL	18DEC2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	.	.
139	PRATTSVILLE WTP	02JUL2013	.	17.1	7.26	7.4	0.10	.	-3.0	-2.0	-0.1	.	0.072	.	.	0.88	-0.04	.	-1	.	.	
140	PRATTSVILLE WTP	11JUL2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.068	.	.	1.20	-0.04	.	.	.	.	.
141	PRATTSVILLE WTP	11JUL2013	.	19.3	7.43	7.9	0.80	.	-3.0	-1.0	-0.1	.	0.065	.	.	1.00	-0.04	.	-1	.	.	
142	PRATTSVILLE WTP	22JUL2013	.	19.8	7.25	.	0.15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
143	PRATTSVILLE WTP	06AUG2013	.	19.0	7.43	7.8	0.15	.	-3.0	-1.0	-0.1	.	0.070	.	.	0.28	0.04	.	-1	.	.	
144	PRATTSVILLE WTP	14AUG2013	.	19.4	7.48	7.7	0.15	.	-3.0	-1.0	-0.1	.	0.050	.	.	0.82	-0.04	.	-1	.	.	
145	PRATTSVILLE WTP	04SEP2013	.	21.2	7.26	7.2	0.10	.	-3.0	-1.0	-0.1	.	0.082	.	.	0.92	-0.04	.	-1	.	.	
146	PRATTSVILLE WTP	18SEP2013	.	18.4	7.42	7.8	0.10	.	-3.0	-1.0	-0.1	.	0.061	.	.	-0.20	-0.04	.	-1	.	.	
147	PRATTSVILLE WTP	02OCT2013	.	19.9	7.44	7.2	0.15	.	-3.0	-1.0	-0.1	.	0.055	.	.	0.26	-0.04	.	-1	.	.	

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Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS	
148	PRATTSVILLE WTP	16OCT2013	.	17.9	7.53	7.5	0.15	.	-3.0	-1.0	-0.1	.	0.111	.	.	0.69	-0.04	.	-1	.	.	
149	PRATTSVILLE WTP	16OCT2013	.	.	.	.	0.15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
150	PRATTSVILLE WTP	06NOV2013	.	17.6	7.39	7.4	0.10	.	-3.0	-1.0	-0.1	.	0.046	.	.	0.39	0.04	.	-1	.	.	
151	PRATTSVILLE WTP	13NOV2013	.	13.5	7.43	8.5	0.10	.	-3.0	-1.0	-0.1	.	0.056	.	.	0.84	-0.04	.	-1	.	.	
152	PRATTSVILLE WTP	03DEC2013	.	13.7	7.38	8.6	0.15	.	-3.0	-1.0	-0.1	.	0.053	.	.	0.51	-0.04	.	-1	.	.	
153	TANNERSVILLE	02JUL2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.038	-0.20	.	.	.	.	.	.	.	.
154	TANNERSVILLE	03JUL2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	25	.	.
155	TANNERSVILLE	16JUL2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.050	-0.20	.	.	.	.	.	.	.	.
156	TANNERSVILLE	17JUL2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	.	.
157	TANNERSVILLE	06AUG2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.061	-0.20	.	.	.	.	.	.	.	.
158	TANNERSVILLE	07AUG2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
159	TANNERSVILLE	20AUG2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.093	-0.20	.	.	.	.	.	.	.	.
160	TANNERSVILLE	21AUG2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
161	TANNERSVILLE	03SEP2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.023	-0.20	.	.	.	.	.	.	.	.
162	TANNERSVILLE	04SEP2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
163	TANNERSVILLE	17SEP2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.016	-0.20	.	.	.	.	.	.	.	.
164	TANNERSVILLE	18SEP2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
165	TANNERSVILLE	01OCT2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.014	-0.20	.	.	.	.	.	.	.	.
166	TANNERSVILLE	02OCT2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
167	TANNERSVILLE	15OCT2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.017	-0.20	.	.	.	.	.	.	.	.
168	TANNERSVILLE	16OCT2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
169	TANNERSVILLE	06NOV2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.017	-0.20	.	.	.	.	.	.	.	.
170	TANNERSVILLE	07NOV2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.
171	TANNERSVILLE	19NOV2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.011	-0.20	.	.	.	.	.	.	.	.
172	TANNERSVILLE	20NOV2013	-1	.	.
173	TANNERSVILLE	03DEC2013	-3.0	-1.0	.	.	0.006	-0.20

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Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS	
174	TANNERSVILLE	04DEC2013	-1	.	.
175	TANNERSVILLE	17DEC2013	-3.0	-1.0	.	.	0.012	-0.20
176	TANNERSVILLE	18DEC2013	2	.	.
177	WINDHAM WTP	02JUL2013	.	17.8	7.02	9.3	0.20	.	-3.0	-1.0	-0.1	.	0.010	-0.20	.	0.96	-0.04	.	-1	.	.	
178	WINDHAM WTP	11JUL2013	.	.	.	.	.	.	3.1	-2.0	.	.	0.016	-0.20	.	0.63	-0.04	.	.	.	.
179	WINDHAM WTP	11JUL2013	.	18.9	7.18	8.7	0.25	.	-3.0	-1.0	-0.1	.	0.014	-0.20	.	0.64	-0.04	.	-1	.	.	
180	WINDHAM WTP	06AUG2013	.	18.9	7.19	8.9	0.20	.	4.6	-1.0	-0.1	.	0.025	0.41	.	0.83	0.04	.	-1	.	.	
181	WINDHAM WTP	14AUG2013	.	18.5	7.15	8.5	0.20	.	4.2	-1.0	-0.1	.	0.019	0.22	.	1.40	0.04	.	-1	.	.	
182	WINDHAM WTP	19AUG2013	.	18.2	6.76	.	0.45	.	.	.	.	.	.	.	.	.	.	.	.	.	.
183	WINDHAM WTP	04SEP2013	.	19.5	7.28	8.0	0.10	.	3.2	-1.0	-0.1	.	0.018	-0.20	.	0.74	-0.04	.	-1	.	.	
184	WINDHAM WTP	11SEP2013	.	19.0	7.15	8.8	0.30	.	4.2	-1.0	-0.1	.	0.033	1.43	.	2.00	-0.04	.	-1	.	.	
185	WINDHAM WTP	02OCT2013	.	16.7	7.08	9.1	0.15	.	-3.0	-1.0	-0.1	.	0.024	-0.20	.	0.64	-0.04	.	-1	.	.	
186	WINDHAM WTP	16OCT2013	.	16.6	7.26	9.3	0.10	.	3.3	-1.0	-0.1	.	0.014	-0.20	.	0.34	-0.04	.	-1	.	.	
187	WINDHAM WTP	06NOV2013	.	12.4	7.05	10.3	0.20	-3.0	.	-1.0	-0.1	.	0.010	.	.	.	-0.04	.	-1	.	.	
188	WINDHAM WTP	13NOV2013	.	8.7	7.18	11.0	0.10	-3.0	.	-1.0	-0.1	.	0.010	.	.	.	0.32	.	-1	.	.	
189	WINDHAM WTP	25NOV2013	.	.	.	.	0.15	.	.	.	.	.	.	.	.	.	.	.	.	.	.
190	WINDHAM WTP	03DEC2013	.	9.0	6.72	11.1	0.15	3.9	.	-1.0	-0.1	.	0.007	.	.	.	-0.04	.	-1	.	.	
191	WINDHAM WTP	11DEC2013	.	6.8	7.04	11.7	0.15	5.9	.	-1.0	-0.1	.	0.007	.	.	.	-0.04	.	-1	.	.	

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Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
1	ANDES	18JUL2013	0.0200	21.2	7.75	6.8	0.15	-3.0	.	-1.0	-0.1	.	0.085	-0.20	.	.	-0.04	.	-1	.	.
2	ANDES	24JUL2013	0.0220	20.9	7.86	.	0.15	-3.0	.	-1.0	0.1	.	0.087	-0.20	.	.	-0.04	.	-1	.	.
3	ANDES	15AUG2013	0.0200	20.0	.	8.0	0.15	-3.0	.	-1.0	-0.1	.	0.139	-0.20	.	.	-0.04	.	-1	.	.
4	ANDES	21AUG2013	0.0190	20.0	8.01	8.0	0.10	-3.0	.	-1.0	-0.1	.	0.132	-0.20	.	.	-0.04	.	-1	.	.
5	ANDES	12SEP2013	0.0200	20.4	7.67	9.3	0.30	-3.0	.	-2.0	-0.1	.	0.097	-0.20	.	.	0.04	.	-1	.	.
6	ANDES	18SEP2013	0.0177	18.6	7.87	9.5	0.20	-3.0	.	-1.0	-0.1	.	0.116	-0.20	.	.	-0.04	.	-1	.	.
7	ANDES	24SEP2013	.	18.3	7.75	.	0.10	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	ANDES	10OCT2013	0.0190	17.8	7.64	8.6	0.20	-3.0	.	-1.0	-0.1	.	0.082	-0.20	.	.	-0.04	.	-1	.	.
9	ANDES	16OCT2013	0.0260	17.8	7.71	8.8	0.40	-3.0	.	-1.0	-0.1	.	0.077	-0.20	.	.	-0.04	.	-1	.	.
10	ANDES	23OCT2013	0.0000	.	.	.	0.15	-3.0	.	-1.0	-0.1	.	0.064	-0.20	.	.	-0.04	.	.	.	.
11	ANDES	14NOV2013	0.0230	13.7	7.84	9.6	0.75	-3.0	.	1.2	-0.1	.	0.047	-0.20	.	.	-0.04	.	-1	.	.
12	ANDES	20NOV2013	0.0220	13.9	7.77	9.5	0.20	-3.0	.	-1.0	0.1	.	0.044	-0.20	.	.	-0.04	.	-1	.	.
13	ANDES	12DEC2013	0.0260	10.9	7.63	10.8	0.20	-3.0	.	-1.0	-0.1	.	0.028	-0.20	.	.	-0.04	.	-1	.	.
14	ANDES	16DEC2013	.	.	.	.	-	.	.	.	.	.	.	.	.	.	.	.	.	.	.
							0.10														
15	ANDES	18DEC2013	0.0360	10.2	7.56	9.8	-	-3.0	.	-1.0	-0.1	.	0.032	-0.20	.	.	-0.04	.	-1	.	.
							0.10														
16	CAMP L'MAN A'CHAI	10JUL2013	0.0000	22.9	6.51	8.1	0.10	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	.
17	CAMP L'MAN A'CHAI	10JUL2013	.	.	.	.	.	.	.	.	.	.	0.420	.	.	.	.	.	.	.	.
18	CAMP L'MAN A'CHAI	17JUL2013	0.0000	23.8	7.32	7.5	0.15	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	.
19	CAMP L'MAN A'CHAI	17JUL2013	.	.	.	.	.	.	.	.	.	.	0.605	.	.	.	.	.	.	.	.
20	CAMP L'MAN A'CHAI	07AUG2013	.	20.4	7.14	7.2	-	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	.
							0.10														
21	CAMP L'MAN A'CHAI	07AUG2013	0.347
22	CAMP L'MAN A'CHAI	14AUG2013	0.0000	19.5	.	8.1	0.15	.	-3.0	-1.0	-0.1	.	.	0.35	.	.	-0.04	.	-1	.	.

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Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS	
23	CAMP L'MAN A'CHAI	14AUG2013	0.396
24	DELHI	18JUL2013	0.5420	26.7	7.71	6.9	0.15	.	-3.0	-1.0	0.2	.	0.022	-0.20	.	.	0.04	.	-1	.	.	
25	DELHI	24JUL2013	0.6410	24.8	7.84	.	3.10	.	-3.0	4.9	0.1	.	0.016	-0.20	.	.	-0.04	.	17	.	.	
26	DELHI	15AUG2013	0.6560	22.6	.	8.0	0.15	.	-3.0	-1.0	-0.1	.	0.019	-0.20	.	.	-0.04	.	-1	.	.	
27	DELHI	21AUG2013	0.2930	23.5	7.82	7.8	0.65	.	10.3	1.4	-0.1	.	0.021	-0.20	.	.	-0.04	.	-1	.	.	
28	DELHI	12SEP2013	0.8150	23.7	7.26	8.4	0.10	.	7.7	-1.0	-0.1	.	0.010	-0.20	.	.	0.04	.	-1	.	.	
29	DELHI	18SEP2013	0.7140	21.6	7.36	8.6	0.10	.	3.3	-1.0	-0.1	.	0.013	-0.20	.	.	-0.04	.	-1	.	.	
30	DELHI	25SEP2013	.	.	.	.	0.25	.	-3.0	-2.0	0.1	.	0.012	-0.20	.	.	-0.04	.	.	.	.
31	DELHI	10OCT2013	0.6830	18.9	7.58	8.8	6.00	.	.	2.4	-0.1	.	0.027	-0.20	.	.	-0.04	.	-1	.	.	
32	DELHI	16OCT2013	0.4470	18.0	7.46	8.8	1.20	.	3.3	1.0	-0.1	.	0.018	-0.20	.	.	-0.04	.	-1	.	.	
33	DELHI	22OCT2013	0.6490	18.5	7.54	8.6	.	.	3.4	.	.	.	.	.	.	.	-0.04	.	.	.	.
34	DELHI	14NOV2013	0.7080	15.7	7.46	9.8	0.45	.	-3.0	3.0	0.1	.	0.011	-0.20	.	.	0.04	.	-1	.	.	
35	DELHI	20NOV2013	0.8070	16.3	7.58	8.7	1.40	.	-3.0	6.7	-0.1	.	0.012	-0.20	.	.	-0.04	.	-1	.	.	
36	DELHI	12DEC2013	0.7590	14.1	7.24	9.6	1.40	.	-3.0	15.4	0.1	.	0.018	-0.20	.	.	-0.04	.	-1	.	.	
37	DELHI	18DEC2013	0.7490	11.5	7.38	8.9	0.25	.	-3.0	-1.0	-0.1	.	0.013	-0.20	.	.	-0.04	.	-1	.	.	
38	FLEISCHMAN NS	10JUL2013	0.0750	19.4	7.25	8.8	0.10	.	-3.0	-1.0	-0.1	.	0.011	-0.20	.	.	-0.04	.	-1	.	.	
39	FLEISCHMAN NS	17JUL2013	0.0680	20.7	7.31	8.1	0.20	.	-3.0	-1.0	-0.1	.	0.014	-0.20	.	.	-0.04	.	1	.	.	
40	FLEISCHMAN NS	07AUG2013	0.0700	17.5	7.26	8.4	0.25	.	-3.0	8.3	-0.1	.	0.016	-0.20	.	.	-0.04	.	-1	.	.	
41	FLEISCHMAN NS	14AUG2013	0.0600	18.2	.	8.1	0.15	.	-3.0	-1.0	-0.1	.	0.011	-0.20	.	.	-0.04	.	-1	.	.	
42	FLEISCHMAN NS	04SEP2013	0.0320	20.4	7.55	8.0	0.35	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	0.04	.	-1	.	.	
43	FLEISCHMAN NS	04SEP2013	.	.	.	.	.	.	.	.	.	.	0.015	.	.	.	.	.	.	.	.
44	FLEISCHMAN NS	11SEP2013	0.0250	20.2	7.42	7.3	0.50	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	.	
45	FLEISCHMAN NS	11SEP2013	0.029	

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Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS	
46	FLEISCHMAN NS	24SEP2013	.	15.8	7.24	.	0.10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
47	FLEISCHMAN NS	09OCT2013	0.0260	16.6	7.48	9.1	0.15	.	-3.0	-1.0	-0.1	.	0.008	-0.20	.	.	-0.04	.	-1	.	.	.
48	FLEISCHMAN NS	16OCT2013	0.0200	16.0	7.17	9.4	1.60	.	-3.0	8.3	-0.1	.	0.013	-0.20	.	.	0.04	.	-1	.	.	.
49	FLEISCHMAN NS	23OCT2013	0.0000	.	.	.	0.20	.	-3.0	-1.0	-0.1	.	0.008	-0.20	.	.	-0.04	.	.	.	.	.
50	FLEISCHMAN NS	06NOV2013	0.0400	11.4	7.46	10.9	0.95	.	-3.0	-1.0	-0.1	.	0.021	-0.20	.	.	-0.04	.	-1	.	.	.
51	FLEISCHMAN NS	13NOV2013	0.0200	11.2	7.00	10.8	0.45	.	-3.0	-1.0	-0.1	.	0.008	-0.20	.	.	-0.04	.	-1	.	.	.
52	FLEISCHMAN NS	04DEC2013	0.0370	8.6	7.13	11.3	0.15	.	-3.0	-1.0	-0.1	.	0.008	.	.	.	-0.04	.	-1	.	.	.
53	FLEISCHMAN NS	04DEC2013	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.	.
54	FLEISCHMAN NS	11DEC2013	0.0320	.	.	.	0.15	.	-3.0	-1.0	-0.1	.	0.010	.	.	.	-0.04	.	-1	.	.	.
55	FLEISCHMAN NS	11DEC2013	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.	.
56	FLEISCHMAN NS	16DEC2013	.	.	.	.	0.10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
57	GRAHAMSVIL LE	10JUL2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.037	-0.20	.	.	.	.	.	.	.	.
58	GRAHAMSVIL LE	10JUL2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	.	.	.
59	GRAHAMSVIL LE	07AUG2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.136	-0.20	.	.	.	.	.	.	.	.
60	GRAHAMSVIL LE	07AUG2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.	.
61	GRAHAMSVIL LE	04SEP2013	-3.0	-1.0	.	.	0.023	-0.20
62	GRAHAMSVIL LE	04SEP2013	-1	.	.	.
63	GRAHAMSVIL LE	02OCT2013	-3.0	-1.0	.	.	0.022	-0.20

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Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS	
64	GRAHAMSVILLE	02OCT2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
65	GRAHAMSVILLE	06NOV2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.061	-0.20	.	.	.	.	.	.	.	.
66	GRAHAMSVILLE	06NOV2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
67	GRAHAMSVILLE	04DEC2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.043	-0.20	.	.	.	.	.	.	.	.
68	GRAHAMSVILLE	04DEC2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
69	GRAHAMSVILLE	20AUG2013	.	20.0	7.21	.	0.10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
70	GRAHAMSVILLE	18DEC2013	.	.	.	.	0.20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
71	HOBART	10JUL2013	0.0820	21.1	7.33	7.0	0.10	.	-3.0	-1.0	-0.1	.	0.085	-0.20	.	.	-0.04	.	-1	.	.	.
72	HOBART	17JUL2013	0.0730	22.0	6.96	.	0.10	.	-3.0	-1.0	-0.1	.	0.110	-0.20	.	.	-0.04	.	-1	.	.	.
73	HOBART	07AUG2013	0.0730	20.4	7.26	6.1	0.10	.	-3.0	-1.0	-0.1	.	0.111	-0.20	.	.	-0.04	.	-1	.	.	.
74	HOBART	14AUG2013	0.1030	20.1	.	6.0	0.45	.	-3.0	-1.0	-0.1	.	0.146	-0.20	.	.	-0.04	.	-1	.	.	.
75	HOBART	04SEP2013	0.0670	20.0	7.10	5.6	0.15	.	-3.0	-1.0	-0.1	.	0.067	-0.20	.	.	-0.04	.	-1	.	.	.
76	HOBART	11SEP2013	0.0690	25.4	7.17	5.5	0.90	.	-3.0	-1.0	-0.1	.	0.082	-0.20	.	.	-0.04	.	-1	.	.	.
77	HOBART	25SEP2013	.	.	.	.	0.90	.	-3.0	-1.1	-0.1	.	0.033	-0.20	.	.	-0.04	.	.	.	.	.
78	HOBART	02OCT2013	0.0690	18.1	6.81	5.1	0.25	.	-3.0	-1.0	-0.1	.	0.024	-0.20	.	.	-0.04	.	-1	.	.	.
79	HOBART	09OCT2013	0.0600	17.9	7.08	7.1	0.10	.	-3.0	-1.0	-0.1	.	0.063	-0.20	.	.	-0.04	.	-1	.	.	.
80	HOBART	06NOV2013	0.0650	15.3	6.92	7.1	0.15	.	-3.0	-1.0	-0.1	.	0.024	-0.20	.	.	-0.04	.	-1	.	.	.
81	HOBART	13NOV2013	0.0700	14.4	6.56	5.2	0.30	.	-3.0	-1.0	-0.1	.	0.023	-0.20	.	.	-0.04	.	-1	.	.	.
82	HOBART	04DEC2013	0.0810	13.0	6.89	8.6	0.10	.	-3.0	-1.0	-0.1	.	0.017	.	.	.	-0.04	.	-1	.	.	.
83	HOBART	04DEC2013	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.	.
84	HOBART	11DEC2013	0.0710	13.0	.	.	0.10	.	-3.0	-1.0	-0.1	.	0.018	.	.	.	-0.04	.	-1	.	.	.
85	HOBART	11DEC2013	-0.20
86	MARGARETVILLE	02JUL2013	-3.0	-1.0	.	.	0.080	-0.20

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Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	N O 3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS	
87	MARGARETVI LLE	03JUL2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
88	MARGARETVI LLE	16JUL2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.058	-0.20	.	.	.	.	.	.	.	.
89	MARGARETVI LLE	17JUL2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
90	MARGARETVI LLE	06AUG2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.068	-0.20	.	.	.	.	.	.	.	.
91	MARGARETVI LLE	07AUG2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
92	MARGARETVI LLE	20AUG2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.073	1.76	.	.	.	.	.	.	.	.
93	MARGARETVI LLE	21AUG2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
94	MARGARETVI LLE	03SEP2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.079	-0.20	.	.	.	.	.	.	.	.
95	MARGARETVI LLE	04SEP2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
96	MARGARETVI LLE	17SEP2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.065	-0.20	.	.	.	.	.	.	.	.
97	MARGARETVI LLE	18SEP2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
98	MARGARETVI LLE	01OCT2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.136	-0.20	.	.	.	.	.	.	.	.
99	MARGARETVI LLE	02OCT2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
100	MARGARETVI LLE	15OCT2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.118	-0.20	.	.	.	.	.	.	.	.
101	MARGARETVI LLE	16OCT2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
102	MARGARETVI LLE	06NOV2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.065	-0.20	.	.	.	.	.	.	.	.
103	MARGARETVI LLE	07NOV2013	-1	.	.
104	MARGARETVI LLE	19NOV2013	-3.0	-1.0	.	.	0.051	-0.20

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Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS	
105	MARGARETVILLE	20NOV2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
106	MARGARETVILLE	03DEC2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.036	-0.20	.	.	.	.	.	.	.	.
107	MARGARETVILLE	04DEC2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
108	MARGARETVILLE	17DEC2013	.	.	.	.	.	.	-3.0	-1.0	.	.	0.054	-0.20	.	.	.	.	.	.	.	.
109	MARGARETVILLE	18DEC2013	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-1	.	.
110	MOUNTAINSIDE FARMS	10JUL2013	0.0410	23.7	6.50	3.3	25.0	70.7	.	12.0	.	.	0.143	.	.	.	.	34	.	.	.	0.40
111	MOUNTAINSIDE FARMS	17JUL2013	0.0170	24.1	6.73	.	8.10	141.0	.	2.4	.	.	0.109	.	.	.	.	31	.	.	.	0.30
112	MOUNTAINSIDE FARMS	07AUG2013	0.0530	18.8	6.73	4.9	6.20	153.0	.	13.2	.	.	.	.	.	.	.	27	.	.	.	0.20
113	MOUNTAINSIDE FARMS	07AUG2013	.	.	.	.	.	.	.	.	.	.	0.493	.	.	.	.	.	.	.	.	.
114	MOUNTAINSIDE FARMS	14AUG2013	0.0530	19.4	.	5.7	3.00	421.0	.	4.5	.	.	.	.	.	.	.	24	.	.	.	0.10
115	MOUNTAINSIDE FARMS	14AUG2013	.	.	.	.	.	.	.	.	.	.	0.230	.	.	.	.	.	.	.	.	.
116	MOUNTAINSIDE FARMS	04SEP2013	0.0300	20.5	7.08	5.2	18.0	.	.	1.4	.	.	.	.	.	.	.	23	.	.	.	0.10
117	MOUNTAINSIDE FARMS	04SEP2013	.	.	.	.	.	.	.	.	.	.	0.852	.	.	.	.	.	.	.	.	.
118	MOUNTAINSIDE FARMS	11SEP2013	0.0380	20.2	6.80	5.7	6.30	200.0	.	6.8	.	.	.	.	.	.	.	20	.	.	.	0.10
119	MOUNTAINSIDE FARMS	11SEP2013	.	.	.	.	.	.	.	.	.	.	2.890	.	.	.	.	.	.	.	.	.
120	MOUNTAINSIDE FARMS	18SEP2013	0.0370	14.7	6.83	6.4	.	303.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
121	MOUNTAINSIDE FARMS	02OCT2013	0.0420	16.4	7.18	3.7	3.70	53.4	.	1.5	19	.	.	.	0.10
122	MOUNTAINSIDE FARMS	02OCT2013	0.267

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Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
123	MOUNTAINS DE FARMS	09OCT2013	0.0400	15.0	6.86	5.5	8.70	212. 0	.	4.6	.	.	0.177	.	.	.	.	18 5	.		0.10
124	MOUNTAINS DE FARMS	23OCT2013	0.0000	.	.	.	19.0 0	491. 0	.	-4.0	.	.	0.173	.	.	.	.	21 9	.		0.10
125	MOUNTAINS DE FARMS	06NOV2013	0.0370	9.7	7.09	6.0	3.50	54.7	.	6.6	.	.	0.189	.	.	.	.	25 7	.		-0.05
126	MOUNTAINS DE FARMS	13NOV2013	0.0370	8.1	7.02	5.8	4.10	31.3	.	4.8	.	.	.	.	.	.	.	26 5	.		-0.05
127	MOUNTAINS DE FARMS	13NOV2013	.	.	.	.	.	.	.	.	.	.	0.214	.	.	.	.	.	.		.
128	MOUNTAINS DE FARMS	04DEC2013	0.0410	6.6	6.98	6.0	3.10	157. 0	.	4.0	.	.	.	.	.	.	.	23 4	.		0.10
129	MOUNTAINS DE FARMS	04DEC2013	.	.	.	.	.	.	.	.	.	.	0.229	.	.	.	.	.	.		.
130	MOUNTAINS DE FARMS	11DEC2013	0.0340	6.2	.	.	2.80	72.0	.	5.2	.	.	.	.	.	.	.	22 7	.		0.10
131	MOUNTAINS DE FARMS	11DEC2013	.	.	.	.	.	.	.	.	.	.	0.270	.	.	.	.	.	.		.
132	ROXBURY	10JUL2013	0.0080	21.2	7.30	9.0	0.60	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1		.
133	ROXBURY	10JUL2013	.	.	.	.	.	.	.	.	.	.	0.257	.	.	.	.	.	.		.
134	ROXBURY	17JUL2013	0.0110	21.0	7.09	.	0.80	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1		.
135	ROXBURY	17JUL2013	0.0000	.	.	.	.	.	.	.	.	.	0.285	.	.	.	.	.	.		.
136	ROXBURY	07AUG2013	0.0060	20.9	7.32	7.4	0.75	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1		.
137	ROXBURY	07AUG2013	.	.	.	.	.	.	.	.	.	.	0.322	.	.	.	.	.	.		.
138	ROXBURY	14AUG2013	0.0200	17.7	.	8.5	0.65	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	1		.
139	ROXBURY	14AUG2013	.	.	.	.	.	.	.	.	.	.	0.394	.	.	.	.	.	.		.
140	ROXBURY	04SEP2013	0.0030	19.5	8.01	8.2	0.75	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	0.04	.	-1		.
141	ROXBURY	04SEP2013	.	.	.	.	.	.	.	.	.	.	0.481	.	.	.	.	.	.		.
142	ROXBURY	11SEP2013	0.0060	18.9	7.43	7.8	0.80	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	1		.
143	ROXBURY	11SEP2013	.	.	.	.	.	.	.	.	.	.	0.342	.	.	.	.	.	.		.
144	ROXBURY	02OCT2013	0.0060	15.1	7.46	8.9	0.90	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1		.
145	ROXBURY	02OCT2013	0.226

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Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS	
146	ROXBURY	09OCT2013	0.0090	15.0	7.64	9.3	4.80	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	0.04	.	-1	.	.	
147	ROXBURY	09OCT2013	0.289
148	ROXBURY	06NOV2013	0.0060	10.0	7.55	10.6	1.10	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	.	
149	ROXBURY	06NOV2013	0.258
150	ROXBURY	13NOV2013	0.0060	6.2	7.09	12.3	2.00	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	.	
151	ROXBURY	13NOV2013	0.269
152	ROXBURY	04DEC2013	0.0080	5.5	7.42	12.2	0.60	.	-3.0	-1.0	-0.1	.	.	.	.	.	-0.04	.	-1	.	.
153	ROXBURY	04DEC2013	0.236
154	ROXBURY	04DEC2013	-0.20
155	ROXBURY	11DEC2013	0.0060	4.0	.	.	0.80	.	-3.0	-1.0	-0.1	.	.	.	.	.	-0.04	.	-1	.	.
156	ROXBURY	11DEC2013	-0.20
157	ROXBURY	11DEC2013	0.214
158	STAMFORD	10JUL2013	0.2630	17.7	7.06	9.6	0.10	.	3.4	-1.0	-0.1	.	0.017	-0.20	.	0.71	-0.04	.	-1	.	.	
159	STAMFORD	17JUL2013	0.2080	18.6	6.98	8.6	0.10	.	3.5	-1.0	-0.1	.	0.012	-0.20	.	0.68	-0.04	.	-1	.	.	
160	STAMFORD	07AUG2013	0.1580	18.4	7.04	8.1	1.70	.	8.3	-1.0	-0.1	.	0.021	-0.20	.	0.59	-0.04	.	-1	.	.	
161	STAMFORD	14AUG2013	0.4700	17.1	.	8.7	0.30	.	3.6	-1.0	-0.1	.	0.010	-0.20	.	0.58	-0.04	.	1	.	.	
162	STAMFORD	04SEP2013	0.3570	17.8	7.26	7.6	0.30	.	-3.0	-1.0	-0.1	.	0.011	-0.20	.	0.74	-0.04	.	1	.	.	
163	STAMFORD	11SEP2013	0.1960	25.0	7.10	5.0	0.25	.	-3.0	-1.0	-0.1	.	0.012	-0.20	.	0.73	-0.04	.	-1	.	.	
164	STAMFORD	17SEP2013	.	16.5	7.23	.	0.45
165	STAMFORD	02OCT2013	0.1360	16.8	7.10	8.0	0.20	.	3.8	-1.0	-0.1	.	0.020	-0.20	.	0.84	-0.04	.	-1	.	.	
166	STAMFORD	09OCT2013	0.1970	15.7	7.13	8.7	0.35	.	4.0	-1.0	-0.1	.	0.098	-0.20	.	0.78	-0.04	.	-1	.	.	
167	STAMFORD	06NOV2013	0.1640	12.2	6.68	9.7	0.15	.	4.1	-1.0	-0.1	.	0.007	-0.20	.	0.61	-0.04	.	-1	.	.	
168	STAMFORD	13NOV2013	0.2000	11.0	6.94	10.9	0.25	.	5.4	-1.0	-0.1	.	0.015	-0.20	.	-	-0.04	.	-1	.	.	
															0.20							
169	STAMFORD	04DEC2013	0.2580	10.5	6.83	10.6	0.20	.	3.1	-1.0	-0.1	.	0.013	.	.	0.56	-0.04	.	-1	.	.	
170	STAMFORD	04DEC2013	-0.20
171	STAMFORD	05DEC2013	0.2670	.	.	.	0.25	.	4.7	-1.0	-0.1	.	0.017	-0.20	.	0.67	-0.04
172	STAMFORD	11DEC2013	0.2970	9.3	.	.	0.15	.	4.8	-1.0	-0.1	.	0.017	.	.	0.49	-0.04	.	-1	.	.	

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Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
173	STAMFORD	11DEC2013	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.
174	STAMFORD	17DEC2013	.	.	.	.	0.80	.	.	.	.	.	.	.	.	.	.	.	.	.	.
175	WALTON	18JUL2013	1.1080	26.8	7.84	10.1	0.15	.	-3.0	-1.0	-0.1	.	0.011	-0.20	.	.	0.04	.	-1	.	.
176	WALTON	24JUL2013	1.1710	24.8	7.90	.	0.10	.	-3.0	-1.0	-0.1	.	0.018	-0.20	.	0.65	-0.04	.	-99	.	.
177	WALTON	29JUL2013	0.0000	.	.	.	.	.	.	.	.	.	.	.	.	0.79	.	.	.	.	.
178	WALTON	15AUG2013	1.2920	23.2	.	8.0	0.15	.	-3.0	-1.0	-0.1	.	0.016	-0.20	.	0.61	-0.04	.	-1	.	.
179	WALTON	21AUG2013	1.1230	21.1	7.89	9.5	0.15	.	4.7	-1.0	-0.1	.	0.016	-0.20	.	0.62	-0.04	.	-1	.	.
180	WALTON	12SEP2013	1.3090	25.1	7.68	8.7	0.65	.	16.6	-1.0	-0.1	.	0.010	-0.20	.	0.78	0.04	.	-1	.	.
181	WALTON	18SEP2013	1.1180	22.3	7.63	8.4	0.30	.	-3.0	1.0	-0.1	.	0.016	-0.20	.	0.76	-0.04	.	-1	.	.
182	WALTON	25SEP2013	.	.	.	.	0.40	.	-3.0	-1.0	-0.1	.	0.011	0.27	.	1.20	-0.04	.	.	.	.
183	WALTON	10OCT2013	1.1090	20.8	7.65	8.7	0.10	.	.	-1.0	-0.1	.	0.008	-0.20	.	1.20	-0.04	.	-1	.	.
184	WALTON	16OCT2013	1.0740	22.0	7.74	8.3	0.45	.	-3.0	-1.0	-0.1	.	0.017	-0.20	.	0.81	-0.04	.	-1	.	.
185	WALTON	22OCT2013	1.0870	19.3	7.60	9.1	.	.	-3.0	.	.	.	.	.	.	.	-0.04	.	.	.	.
186	WALTON	14NOV2013	1.1500	17.5	7.91	8.6	0.15	.	-3.0	-1.0	-0.1	.	0.007	-0.20	.	0.30	0.04	.	-1	.	.
187	WALTON	20NOV2013	1.1570	17.2	7.80	9.0	0.25	.	3.4	-1.0	0.1	.	0.007	-0.20	.	0.33	-0.04	.	-1	.	.
188	WALTON	12DEC2013	1.1840	15.6	7.53	9.7	0.45	.	-3.0	1.0	-0.1	.	0.008	-0.20	.	0.73	-0.04	.	-1	.	.
189	WALTON	18DEC2013	1.1140	13.1	7.55	9.2	0.50	.	-3.0	1.1	-0.1	.	0.009	-0.20	.	1.20	-0.04	.	-1	.	.
190	WEST DELAWARE BOCES	18JUL2013	0.0030	25.5	7.75	10.8	0.10	.	-3.0	-1.0	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	.
191	WEST DELAWARE BOCES	18JUL2013	.	.	.	.	.	.	.	.	.	.	0.556	.	.	.	.	.	.	.	.
192	WEST DELAWARE BOCES	24JUL2013	0.0050	23.9	7.16	.	0.10	.	-3.0	-1.0	-0.1	6 7 0	0.354	-0.20	.	.	-0.04	.	-1	.	.
193	WEST DELAWARE BOCES	29JUL2013	0.0000	6 7 0
194	WEST DELAWARE BOCES	15AUG2013	0.0030	20.8	.	6.2	0.10	.	-3.0	-1.0	-0.1	6 2 0	.	-0.20	.	.	-0.04	.	-1	.	.

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Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	N O 3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
195	WEST DELAWARE BOCES	15AUG2013	.	.	.	.	.	.	.	.	.	.	0.500	.	.	.	.	.	.	.	.
196	WEST DELAWARE BOCES	21AUG2013	0.0019	22.1	7.20	6.8	0.30	.	-3.0	-1.0	-0.1	590	.	-0.20	.	.	-0.04	.	-1	.	.
197	WEST DELAWARE BOCES	21AUG2013	.	.	.	.	.	.	.	.	.	.	0.532	.	.	.	.	.	.	.	.
198	WEST DELAWARE BOCES	12SEP2013	0.0020	25.1	6.27	7.3	0.10	.	-3.0	-1.0	-0.1	750	.	-0.20	.	.	-0.04	.	-1	.	.
199	WEST DELAWARE BOCES	12SEP2013	.	.	.	.	.	.	.	.	.	.	0.663	.	.	.	.	.	.	.	.
200	WEST DELAWARE BOCES	18SEP2013	0.0030	19.5	5.61	4.7	0.10	.	-3.0	-1.0	-0.1	620	.	0.29	.	.	-0.04	.	-1	.	.
201	WEST DELAWARE BOCES	18SEP2013	.	.	.	.	.	.	.	.	.	.	0.508	.	.	.	.	.	.	.	.
202	WEST DELAWARE BOCES	10OCT2013	0.0040	19.0	6.66	8.0	0.10	.	.	-1.0	-0.1	700	.	0.20	.	.	-0.04	.	-1	.	.
203	WEST DELAWARE BOCES	10OCT2013	.	.	.	.	.	.	.	.	.	.	0.515	.	.	.	.	.	.	.	.
204	WEST DELAWARE BOCES	16OCT2013	0.0030	19.3	6.61	6.5	0.30	.	-3.0	-1.0	-0.1	740	.	0.23	.	.	-0.04	.	-1	.	.
205	WEST DELAWARE BOCES	16OCT2013	.	.	.	.	.	.	.	.	.	.	0.439	.	.	.	.	.	.	.	.
206	WEST DELAWARE BOCES	22OCT2013	0.0000	17.8	6.64	5.0	.	.	-3.0	.	.	.	.	.	.	.	-0.04	.	.	.	.
207	WEST DELAWARE BOCES	14NOV2013	0.0030	17.0	6.15	4.2	0.15	.	-3.0	-2.0	-0.1	720	.	-0.20	.	.	-0.04	.	-1	.	.

Delaware District

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS	SETSLDS	TDS	TP	NH3	N O 3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
208	WEST DELAWARE BOCES	14NOV2013	.	.	.	.	.	.	.	.	.	.	0.692	.	.	.	.	.	.	.	.
209	WEST DELAWARE BOCES	20NOV2013	0.0050	15.9	6.74	6.2	1.60	.	-3.0	-1.0	-0.1	690	.	0.21	.	.	-0.04	.	1	.	.
210	WEST DELAWARE BOCES	20NOV2013	.	.	.	.	.	.	.	.	.	.	0.499	.	.	.	.	.	.	.	.
211	WEST DELAWARE BOCES	12DEC2013	0.0030	19.6	7.05	5.5	0.35	.	-3.0	-1.0	-0.1	730	0.105	-0.20	.	.	-0.04	.	-1	.	.
212	WEST DELAWARE BOCES	18DEC2013	0.0040	19.1	7.07	4.5	0.15	.	-3.0	-1.0	-0.1	690	0.109	.	.	.	0.04	.	-1	.	.
213	WEST DELAWARE BOCES	18DEC2013	.	.	.	.	.	.	.	.	.	.	.	-0.20	.	.	.	.	.	.	.