

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

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

Second Quarter 2011

July 31, 2011

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



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

The attached computer output was prepared in accordance with DEP's 2006 Long-term Watershed Protection Program and EPA's July 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. The computer output is divided into two sections.

The first section 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 following table, a subset of the first section, lists all of the DEP samples that contravened SPDES limits. DEP's samples are surveillance, not regulatory samples, and may not constitute true SPDES violations.

Section 1

Catskill District:

<u>Facility</u>	<u>Date</u>	<u>Parameter</u>	<u>Measurement</u>	<u>SPDES Limit</u>
Boiceville WWTP	06APR11	Phosphorus	0.70	0.50 mg/l
Boiceville WWTP	20APR11	Phosphorus	0.86	0.50 mg/l
Boiceville WWTP	15JUN11	Phosphorus	1.89	0.50 mg/l
Camp Timberlake	29JUN11	pH	6.10	6.5 - 8.5
Camp Timberlake	29JUN11	Diss.Oxygen	6.2	7 mg/l, min.
Camp Timberlake	29JUN11	Ammonia	3.30	1.10 mg/l

Delaware District:

<u>Facility</u>	<u>Date</u>	<u>Parameter</u>	<u>Measurement</u>	<u>SPDES Limit</u>
Andes	13APR11	Flow	0.076	0.062 MGD, 30-day A.M.
Delhi	27APR11	Flow	0.849	0.815 MGD, 30-day A.M.
Fleischmanns	01JUN11	pH	6.42	6.5 - 8.5
Grahamsville	01JUN11	F. Coli.	280	200 CFU 30-day G.M.
Hobart	20APR11	Ammonia	2.95	1.0 mg/l
Mountainside	06APR11	pH	6.49	6.5 - 8.5
Mountainside	06APR11	Susp.Solids	38.8	10 mg/l, daily max.
Mountainside	20APR11	Susp.Solids	18.8	10 mg/l, daily max.
Mountainside	04MAY11	Susp.Solids	13.0	10 mg/l, daily max.
Mountainside	18MAY11	Susp.Solids	30.5	10 mg/l, daily max.
Mountainside	01JUN11	Susp.Solids	20.5	10 mg/l, daily max.
Stamford	06APR11	Flow	0.858	0.5 MGD, 30-day A.M.
Stamford	06APR11	CBOD	5.1	5 mg/l
Stamford	20APR11	Flow	0.542	0.5 MGD, 30-day A.M.
Stamford	04MAY11	Flow	0.762	0.5 MGD, 30-day A.M.
Stamford	18MAY11	Flow	0.520	0.5 MGD, 30-day A.M.
Walton	27APR11	Flow	1.760	1.55 MGD, 30-day A.M.
WestDel BOCES	29JUN11	Temperature	21.7	21.1 degrees C., daily max.

The second section 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.

This report tabulates 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.

Catskill District:

Boiceville WWTP

date	Parameter	SPDES Violation	SPDES Limit
06APR11	Phosphorus	0.70	0.5 mg/l
20APR11	Phosphorus	0.86	0.5 mg/l
04MAY11		no violations	
11MAY11		no violations	
01JUN11		no violations	
15JUN11	Phosphorus	1.89	0.5 mg/l

Camp Timberlake - seasonal facility

date	Parameter	SPDES Violation	SPDES Limit
22JUN11		no violations	
29JUN11	pH	6.10	6.5 - 8.5
29JUN11	Dissolved Oxygen	6.2	7 mg/l, min.
29JUN11	Ammonia	3.30	1.1 mg/l

Elka Park (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
06APR11		no flow, no sample	
13APR11		no violations	
20APR11		no flow, no sample	
27APR11		no flow, no sample	
04MAY11		no violations	
11MAY11		no flow, no sample	
18MAY11		no violations	

Elka Park (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
08JUN11		no violations	
22JUN11		no violations	

Grand Gorge (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
05APR11		no violations	
06APR11		no violations	
19APR11		no violations	
20APR11		no violations	
03MAY11		no violations	
04MAY11		no violations	
17MAY11		no violations	
18MAY11		no violations	

Grand Gorge (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
07JUN11		no violations	
08JUN11		no violations	
21JUN11		no violations	
22JUN11		no violations	
28JUN11		no violations	

Grand Gorge--% removals

date	Parameter	SPDES Violation	SPDES Limit
05APR11		% removals okay	
19APR11		% removals okay	
03MAY11		% removals okay	
17MAY11		% removals okay	

Hunter Highlands (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
06APR11		no violations	
13APR11		no violations	
04MAY11		no violations	
11MAY11		no violations	

Hunter Highlands (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
01JUN11		no flow	
08JUN11		no violations	

Hunter Village (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
06APR11		no violations	
13APR11		no violations	
04MAY11		no violations	
11MAY11		no violations	

Hunter Village (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
01JUN11		no violations	
15JUN11		no violations	

Olive Woods

date	Parameter	SPDES Violation	SPDES Limit
06APR11		no violations	
13APR11		no flow, no sample	
20APR11		no violations	
04MAY11		no violations	
11MAY11		no flow, no sample	
18MAY11		no violations	
08JUN11		no violations	

Onteora Central School

date	Parameter	SPDES Violation	SPDES Limit
06APR11		no flow, no sample	
13APR11		no violations	
20APR11		no violations	
04MAY11		no flow, no sample	
11MAY11		no flow, no sample	
18MAY11		no flow, no sample	

Pine Hill (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
07JUN11		no violations	
08JUN11		no violations	
21JUN11		no violations	
22JUN11		no violations	
28JUN11		no violations	

Pine Hill (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
04APR11		no violations	
05APR11		no violations	
06APR11		no violations	
11APR11		no violations	
18APR11		no violations	
19APR11		no violations	
20APR11		no violations	
25APR11		no violations	
02MAY11		no violations	
03MAY11		no violations	
04MAY11		no violations	
09MAY11		no violations	
16MAY11		no violations	
17MAY11		no violations	
18MAY11		no violations	
23MAY11		no violations	
30MAY11		no violations	

Pine Hill--% removals

date	Parameter	SPDES Violation	SPDES Limit
04APR11	influent	suspended solids	not reported
04APR11	influent	CBOD5	not reported
05APR11		% removals	okay
11APR11	influent	suspended solids	not reported
11APR11	influent	CBOD5	not reported
18APR11	influent	suspended solids	not reported
18APR11	influent	CBOD5	not reported
19APR11		% removals	okay
25APR11	influent	suspended solids	not reported
25APR11	influent	CBOD5	not reported
02MAY11	influent	suspended solids	not reported
02MAY11	influent	CBOD5	not reported
03MAY11		% removals	okay
09MAY11	influent	suspended solids	not reported
09MAY11	influent	CBOD5	not reported
16MAY11	influent	suspended solids	not reported
16MAY11	influent	CBOD5	not reported
17MAY11		% removals	okay
23MAY11	influent	suspended solids	not reported
23MAY11	influent	CBOD5	not reported
30MAY11	influent	suspended solids	not reported
30MAY11	influent	CBOD5	not reported
07JUN11		% removals	okay
21JUN11	influent	CBOD5	not reported
28JUN11	influent	suspended solids	not reported
28JUN11	influent	CBOD5	not reported

Prattsville WTP

date	Parameter	SPDES Violation	SPDES Limit
13APR11		no violations	
20APR11		no violations	
11MAY11		no flow, no sample	
18MAY11		no violations	
25MAY11		no violations	
01JUN11		no violations	
15JUN11		no violations	

Tannersville (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
05APR11		no violations	
06APR11		no violations	
19APR11		no violations	
20APR11		no violations	
03MAY11		no violations	
04MAY11		no violations	
17MAY11		no violations	
18MAY11		no violations	

Tannersville (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
07JUN11		no violations	
08JUN11		no violations	
21JUN11		no violations	
22JUN11		no violations	
28JUN11		no violations	

Tannersville--% removals

date	Parameter	SPDES Violation	SPDES Limit
05APR11		% removals okay	
19APR11		% removals okay	
03MAY11		% removals okay	
17MAY11		% removals okay	
07JUN11		% removals okay	
21JUN11		% removals okay	
28JUN11		% removals okay	

Windham (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
13APR11		no violations	
20APR11		no violations	
11MAY11		no violations	
18MAY11		no violations	

Windham (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
01JUN11		no violations	
15JUN11		no violations	

Delaware District:

Andes (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
13APR11	Flow	0.076	0.062 MGD, 30-day A.M.
27APR11		no violations	
11MAY11		no violations	
25MAY11		no violations	

Andes (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
15JUN11		no violations	
29JUN11		no violations	

Delhi WWTP (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
13APR11		no violations	
27APR11	Flow	0.849	0.815 MGD, 30-day A.M.
11MAY11		no violations	
25MAY11		no violations	

Delhi WWTP (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
15JUN11		no violations	
29JUN11		no violations	

Fleischmanns WWTP

date	Parameter	SPDES Violation	SPDES Limit
06APR11		no violations	
20APR11		no violations	
04MAY11		no violations	
18MAY11		no violations	
25MAY11		no violations	
01JUN11	pH	6.42	6.5 - 8.5
22JUN11		no violations	
23JUN11		no violations	

Grahamsville WWTP (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
06APR11		no violations	
04MAY11		no violations	

Grahamsville WWTP (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
01JUN11	Fecal Coliforms	280	200 CFU 30-day G.M.
08JUN11		no violations	

Grahamsville--% removals

date	Parameter	SPDES Violation	SPDES Limit
06APR11		% removals okay	
04MAY11		% removals okay	
01JUN11		% removals okay	

Hobart (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
06APR11		no violations	
20APR11	Ammonia	2.95	1.0 mg/l
04MAY11		no violations	
18MAY11		no violations	

Hobart (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
01JUN11		no violations	
22JUN11		no violations	
23JUN11		no violations	

Margaretville

date	Parameter	SPDES Violation	SPDES Limit
05APR11		no violations	
06APR11		no violations	
19APR11		no violations	
20APR11		no violations	
03MAY11		no violations	
04MAY11		no violations	
17MAY11		no violations	
18MAY11		no violations	
07JUN11		no violations	
08JUN11		no violations	
21JUN11		no violations	
22JUN11		no violations	
28JUN11		no violations	

Margaretville--% removals

date	Parameter	SPDES Violation	SPDES Limit
05APR11	influent	suspended solids	not reported
05APR11	influent	CBOD5	not reported
19APR11		% removals	okay
03MAY11		% removals	okay
17MAY11		% removals	okay
07JUN11	influent	suspended solids	not reported
07JUN11	influent	CBOD5	not reported
21JUN11	influent	CBOD5	not reported
28JUN11	influent	suspended solids	not reported

Mountainside Farms - Delaware County Dairies

date	Parameter	SPDES Violation	SPDES Limit
06APR11	pH	6.49	6.5 - 8.5
06APR11	Suspended Solids	38.8	10 mg/l, daily max.
20APR11	Suspended Solids	18.8	10 mg/l, daily max.
04MAY11	Suspended Solids	13.0	10 mg/l, daily max.
18MAY11	Suspended Solids	30.5	10 mg/l, daily max.
01JUN11	Suspended Solids	20.5	10 mg/l, daily max.
22JUN11		no violations	
23JUN11		no violations	

Roxbury Run (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
06APR11		no violations	
20APR11		no violations	
04MAY11		no violations	
18MAY11		no violations	

Roxbury Run (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
01JUN11		no violations	
22JUN11		no violations	
23JUN11		no violations	

Stamford WWTP

date	Parameter	SPDES Violation	SPDES Limit
06APR11	Flow	0.858	0.5 MGD, 30-day A.M.
06APR11	CBOD	5.1	5 mg/l
20APR11	Flow	0.542	0.5 MGD, 30-day A.M.
04MAY11	Flow	0.762	0.5 MGD, 30-day A.M.
18MAY11	Flow	0.520	0.5 MGD, 30-day A.M.
01JUN11		no violations	
22JUN11		no violations	
23JUN11		no violations	

Walton WWTP

date	Parameter	SPDES Violation	SPDES Limit
13APR11		no violations	
27APR11	Flow	1.760	1.55 MGD, 30-day A.M.
11MAY11		no violations	
25MAY11		no violations	
15JUN11		no violations	
29JUN11		no violations	

West Delaware BOCES

date	Parameter	SPDES Violation	SPDES Limit
13APR11		no violations	
27APR11		no violations	
11MAY11		no violations	
25MAY11		no violations	
15JUN11		no violations	
29JUN11	Temperature	21.7	21.1 °C (70°F)

Section 2

CATSKILL DISTRICT

Obs	PLANT	COLLECT	TEMP	PH	DO	TURB	BOD5	CBOD5
1	BOICEVILLE WTP	06APR2011	12.2	7.95	11.2	0.4	.	-3.0
2	BOICEVILLE WTP	20APR2011	12.5	8.00	11.2	0.2	.	-3.0
3	BOICEVILLE WTP	04MAY2011	14.5	7.91	10.3	0.2	.	-3.0
4	BOICEVILLE WTP	11MAY2011	15.1	8.12	11.0	0.2	.	-3.0
5	BOICEVILLE WTP	01JUN2011	19.9	7.82	9.7	0.4	.	-3.0
6	BOICEVILLE WTP	15JUN2011	20.1	8.24	9.3	0.1	.	-3.0
7	CAMP TIMBERLAKE	22JUN2011	19.1	6.82	.	0.1	.	.
8	CAMP TIMBERLAKE	29JUN2011	19.4	6.10	6.2	0.1	.	-3.0
9	ELKA PARK	06APR2011	.	.	.	.	.	.
10	ELKA PARK	13APR2011	5.8	7.26	11.7	0.1	.	-3.0
11	ELKA PARK	20APR2011	.	.	.	.	.	.
12	ELKA PARK	27APR2011	.	.	.	.	.	.
13	ELKA PARK	04MAY2011	8.9	7.91	11.1	0.1	.	-3.0
14	ELKA PARK	11MAY2011	.	.	.	.	.	.
15	ELKA PARK	18MAY2011	11.1	7.61	10.6	0.1	.	-3.0
16	ELKA PARK	08JUN2011	15.9	7.82	9.6	0.2	.	-3.0

Obs	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
1	-1.0	0.1	0.70	-0.20	.	-1	
2	-1.0	-0.1	0.86	-0.20	.	-1	
3	-1.0	-0.1	0.41	-0.20	.	-1	
4	-1.0	-0.1	1.08	-0.20	.	-1	
5	-1.0	-0.1	0.62	-0.20	0.04	-1	
6	-1.0	0.1	1.89	-0.20	-0.04	-1	
7	-1.0	-0.1	0.10	-0.20	-0.04	5	
8	-1.0	-0.1	0.23	3.30	-0.04	-1	
9	.	.	.	.	.	.
10	-1.0	-0.1	0.14	.	.	-1	
11	.	.	.	.	.	.
12	.	.	.	.	.	.
13	-1.0	-0.1	0.15	-0.20	.	-1	
14	.	.	.	.	.	.
15	-1.0	-0.1	0.16	-0.20	.	-1	
16	-1.0	-0.1	0.15	-0.20	-0.04	-1	

Section 2

CATSKILL DISTRICT

Obs	PLANT	COLLECT	TEMP	PH	DO	TURB	BOD5
17	ELKA PARK	22JUN2011	15.2	7.56	9.7	0.1	.
18	GRAND GORGE	05APR2011	.	.	.	.	.
19	GRAND GORGE	06APR2011	.	.	.	.	.
20	GRAND GORGE	19APR2011	.	.	.	.	.
21	GRAND GORGE	20APR2011	.	.	.	.	.
22	GRAND GORGE	03MAY2011	.	.	.	.	.
23	GRAND GORGE	04MAY2011	.	.	.	.	.
24	GRAND GORGE	17MAY2011	.	.	.	.	.
25	GRAND GORGE	18MAY2011	.	.	.	.	.
26	GRAND GORGE	07JUN2011	.	.	.	.	.
27	GRAND GORGE	08JUN2011	.	.	.	.	.
28	GRAND GORGE	21JUN2011	.	.	.	.	.
29	GRAND GORGE	22JUN2011	.	.	.	.	.
30	GRAND GORGE	28JUN2011	.	.	.	.	.
31	HUNTER HIGHLANDS	06APR2011	7.3	7.98	12.0	0.3	.
32	HUNTER HIGHLANDS	13APR2011	8.3	7.47	11.3	0.1	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
17	.	-1.0	-0.1	0.24	0.26	-0.04	-1	.
18	-3.0	-1.0	.	0.05	-0.20	-0.04	.	.
19	.	.	.	.	.	.	-1	.
20	-3.0	-1.0	.	0.03	-0.20	-0.04	.	.
21	.	.	.	.	.	.	-1	.
22	-3.0	-1.0	.	0.02	-0.20	-0.04	.	.
23	.	.	.	.	.	.	-1	.
24	-3.0	-1.0	.	0.02	-0.20	-0.04	.	.
25	.	.	.	.	.	.	-1	.
26	-3.0	-1.0	.	0.04	-0.20	.	.	.
27	.	.	.	.	.	.	-1	.
28	.	-1.1	.	0.04	-0.20	.	.	.
29	.	.	.	.	.	.	-1	.
30	-3.0	.	.	.	.	.	.	.
31	-3.0	-1.0	-0.1	0.02	-0.20	-0.04	-1	.
32	-3.0	-1.1	-0.1	0.01	-0.20	-0.04	-1	.

Section 2

CATSKILL DISTRICT

Obs	PLANT	COLLECT	TEMP	PH	DO	TURB	BOD5
33	HUNTER HIGHLANDS	04MAY2011	12.2	8.23	10.6	0.2	.
34	HUNTER HIGHLANDS	11MAY2011	12.2	7.86	10.3	0.6	.
35	HUNTER HIGHLANDS	01JUN2011	26.8	8.29	7.6	3.2	.
36	HUNTER HIGHLANDS	08JUN2011	20.2	7.52	9.2	0.2	.
37	HUNTER WTP	06APR2011	7.0	7.17	.	0.1	-3.0
38	HUNTER WTP	13APR2011	8.8	7.12	.	0.2	-3.0
39	HUNTER WTP	04MAY2011	11.2	6.89	.	0.1	-3.0
40	HUNTER WTP	11MAY2011	12.0	6.74	.	0.2	-3.0
41	HUNTER WTP	01JUN2011	18.6	6.97	.	0.2	-3.0
42	HUNTER WTP	15JUN2011	17.8	6.84	.	0.4	-3.0
43	OLIVE WOODS	06APR2011	8.5	7.91	11.5	0.1	.
44	OLIVE WOODS	13APR2011	.	.	.	.	.
45	OLIVE WOODS	20APR2011	9.2	7.17	12.0	0.1	.
46	OLIVE WOODS	04MAY2011	12.6	8.17	10.6	0.1	.
47	OLIVE WOODS	11MAY2011	.	.	.	.	.
48	OLIVE WOODS	18MAY2011	12.9	7.95	10.7	0.1	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
33	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-1	
34	-3.0	-1.0	-0.1	0.02	-0.20	-0.04	43	
35	-3.0	9.0	-0.1	0.10	-0.20	-0.04	21	
36	3.6	-1.0	-0.1	0.02	-0.20	-0.04	-1	
37	.	-1.0	-0.1	0.01	-0.20	-0.04	-1	
38	.	-1.0	-0.1	0.01	-0.20	-0.04	-1	
39	.	-1.0	-0.1	0.01	-0.20	-0.04	-1	
40	.	-1.0	-0.1	0.01	-0.20	-0.04	-1	
41	.	-1.0	-0.1	0.01	-0.20	-0.04	-1	
42	.	-1.0	0.1	0.03	-0.20	0.08	-1	
43	-3.0	-1.0	-0.1	0.01	-0.20	.	-1	
44	.	.	.	.	.	.	.
45	-3.0	-1.0	-0.1	0.02	-0.20	.	-1	
46	-3.0	-1.0	-0.1	0.01	-0.20	.	-1	
47	.	.	.	.	.	.	.
48	-3.0	-1.0	-0.1	0.01	-0.20	.	-1	

Section 2

CATSKILL DISTRICT

Obs	PLANT	COLLECT	TEMP	PH	DO	TURB	BOD5
49	OLIVE WOODS	08JUN2011	20.0	8.13	9.2	0.2	.
50	ONTEORA CENTRAL SCHOOL	06APR2011	.	.	.	.	.
51	ONTEORA CENTRAL SCHOOL	13APR2011	10.9	7.90	.	1.9	.
52	ONTEORA CENTRAL SCHOOL	20APR2011	9.6	7.78	.	3.7	.
53	ONTEORA CENTRAL SCHOOL	04MAY2011	.	.	.	.	.
54	ONTEORA CENTRAL SCHOOL	11MAY2011	.	.	.	.	.
55	ONTEORA CENTRAL SCHOOL	18MAY2011	.	.	.	.	.
56	PINE HILL	04APR2011	.	.	.	.	.
57	PINE HILL	05APR2011	.	.	.	.	.
58	PINE HILL	06APR2011	.	.	.	.	.
59	PINE HILL	11APR2011	.	.	.	.	.
60	PINE HILL	18APR2011	.	.	.	.	.
61	PINE HILL	19APR2011	.	.	.	.	.
62	PINE HILL	20APR2011	.	.	.	.	.
63	PINE HILL	25APR2011	.	.	.	.	.
64	PINE HILL	02MAY2011	.	.	.	.	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
49	-3.0	-1.0	-0.1	0.02	-0.20	-0.04	-1	.
50	.	.	.	.	.	.	.	.
51	-3.0	-1.0	-0.1	0.47	.	-0.04	-1	.
52	-3.0	1.0	-0.1	0.48	.	-0.04	-1	.
53
54
55
56
57	-3.0	-1.0	.	-0.01	-0.20	-0.04	.	.
58	-1	.
59
60
61	-3.0	-1.0	.	0.01	-0.20	-0.04	.	.
62	-1	.
63
64

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CATSKILL DISTRICT

Obs	PLANT	COLLECT	TEMP	PH	DO	TURB	BOD5	CBOD5
65	PINE HILL	03MAY2011	-3.0
66	PINE HILL	04MAY2011	.	.	.	.	.	.
67	PINE HILL	09MAY2011	.	.	.	.	.	.
68	PINE HILL	16MAY2011	.	.	.	.	.	.
69	PINE HILL	17MAY2011	.	.	.	.	.	-3.0
70	PINE HILL	18MAY2011	.	.	.	.	.	.
71	PINE HILL	23MAY2011	.	.	.	.	.	.
72	PINE HILL	30MAY2011	.	.	.	.	.	.
73	PINE HILL	07JUN2011	.	.	.	.	.	-3.0
74	PINE HILL	08JUN2011	.	.	.	.	.	.
75	PINE HILL	21JUN2011	.	.	.	.	.	.
76	PINE HILL	22JUN2011	.	.	.	.	.	.
77	PINE HILL	28JUN2011	.	.	.	.	-3.0	.
78	PRATTSVILLE WTP	13APR2011	.	.	.	0.2	.	-3.0
79	PRATTSVILLE WTP	20APR2011	12.2	7.38	.	0.2	.	-3.0
80	PRATTSVILLE WTP	11MAY2011	.	.	.	.	.	.

Obs	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
65	-1.0	.	-0.01	-0.20	-0.04	.	.
66	.	.	.	.	.	-1	.
67	.	.	.	.	.	.	.
68	.	.	.	.	.	.	.
69	-1.0	.	0.01	-0.20	-0.04	.	.
70	-1	.
71
72
73	-1.0	.	0.01	-0.20	.	.	.
74	-1	.
75	-1.1	.	0.01	-0.20	.	.	.
76	1	.
77
78	-1.9	-0.1	0.13	.	.	-1	.
79	-1.0	-0.1	0.07	.	.	-1	.
80

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CATSKILL DISTRICT

Obs	PLANT	COLLECT	TEMP	PH	DO	TURB	BOD5	CBOD5
81	PRATTSVILLE WTP	18MAY2011	16.5	7.28	.	0.1	.	-3.0
82	PRATTSVILLE WTP	25MAY2011	14.1	7.31	.	0.2	.	-3.0
83	PRATTSVILLE WTP	01JUN2011	16.8	7.40	.	0.1	.	-3.0
84	PRATTSVILLE WTP	15JUN2011	16.6	7.46	.	0.2	.	-3.0
85	TANNERSVILLE	05APR2011	.	.	.	.	.	-3.0
86	TANNERSVILLE	06APR2011	.	.	.	.	.	.
87	TANNERSVILLE	19APR2011	.	.	.	.	.	-3.0
88	TANNERSVILLE	20APR2011	.	.	.	.	.	.
89	TANNERSVILLE	03MAY2011	.	.	.	.	.	-3.0
90	TANNERSVILLE	04MAY2011	.	.	.	.	.	.
91	TANNERSVILLE	17MAY2011	.	.	.	.	.	-3.0
92	TANNERSVILLE	18MAY2011	.	.	.	.	.	.
93	TANNERSVILLE	07JUN2011	.	.	.	.	.	-3.0
94	TANNERSVILLE	08JUN2011	.	.	.	.	.	.
95	TANNERSVILLE	21JUN2011	.	.	.	.	.	.
96	TANNERSVILLE	22JUN2011	.	.	.	.	.	.

Obs	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
81	-1.0	-0.1	0.10	.	.	-1	.
82	-1.0	-0.1	0.06	.	.	-1	.
83	-1.0	-0.1	0.11	.	0.12	-1	.
84	-1.0	-0.1	0.36	.	-0.04	-1	.
85	-1.0	.	0.01	-0.20	-0.04	.	.
86	.	.	.	.	.	-1	.
87	-1.0	.	0.01	-0.20	-0.04	.	.
88	-1	.
89	-1.0	.	0.02	-0.20	-0.04	.	.
90	7	.
91	-1.0	.	0.08	-0.20	-0.04	.	.
92	-1	.
93	-1.0	.	0.05	-0.20	.	.	.
94	-1	.
95	-1.0	.	0.04	-0.20	.	.	.
96	-1	.

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CATSKILL DISTRICT

Obs	PLANT	COLLECT	TEMP	PH	DO	TURB	BOD5	CBOD5
97	TANNERSVILLE	28JUN2011	-3.0
98	WINDHAM WTP	13APR2011	7.9	7.02	10.9	0.2	3.6	.
99	WINDHAM WTP	20APR2011	8.3	7.00	11.7	0.2	-3.0	.
100	WINDHAM WTP	11MAY2011	11.2	6.90	10.4	0.4	4.6	.
101	WINDHAM WTP	18MAY2011	12.3	7.20	10.2	0.1	4.0	.
102	WINDHAM WTP	01JUN2011	17.4	7.31	9.2	0.3	.	4.3
103	WINDHAM WTP	15JUN2011	16.0	6.97	9.4	0.1	.	4.3

Obs	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
97	.	.	.	.	.	.	.
98	-1.0	-0.1	0.01	.	-0.04	-1	
99	-1.0	-0.1	0.01	.	0.11	-1	
100	-1.0	-0.1	0.01	.	-0.04	-1	
101	-1.0	-0.1	0.02	.	-0.04	-1	
102	-1.0	-0.1	0.02	-0.20	-0.04	-1	
103	-1.0	-0.1	0.07	-0.20	-0.04	-1	

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DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
1	ANDES	13APR2011	0.076	11.6	8.08	11.2	0.1	-3.0
2	ANDES	27APR2011	0.030	13.0	7.82	11.6	0.4	-3.0
3	ANDES	11MAY2011	0.020	14.9	8.16	11.2	0.1	-3.0
4	ANDES	25MAY2011	0.027	16.6	8.18	11.2	0.1	-3.0
5	ANDES	15JUN2011	0.021	18.8	8.32	10.3	0.2	-3.0
6	ANDES	29JUN2011	0.021	19.7	8.45	8.7	0.3	-3.0
7	DELHI	13APR2011	0.598	10.3	6.99	10.4	1.0	.
8	DELHI	27APR2011	0.849	14.1	7.04	9.5	0.5	.
9	DELHI	11MAY2011	0.800	16.0	6.92	9.8	0.2	.
10	DELHI	25MAY2011	0.747	18.0	7.17	8.7	0.1	.
11	DELHI	15JUN2011	0.598	21.1	7.40	8.5	0.6	.
12	DELHI	29JUN2011	0.411	22.3	7.50	5.9	0.2	.
13	FLEISCHMANN	06APR2011	0.007	7.4	6.98	11.7	0.6	.
14	FLEISCHMANN	20APR2011	0.018	9.6	6.85	10.6	0.6	.
15	FLEISCHMANN	04MAY2011	0.049	9.9	7.03	10.6	0.5	.
16	FLEISCHMANN	18MAY2011	.	.	.	.	.	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
1	.	-1.0	-0.1	0.03	-0.20	.	-1	
2	.	-1.0	-0.1	0.03	-0.20	.	-1	
3	.	-1.0	-0.1	0.03	-0.20	.	-1	
4	.	-1.0	-0.1	0.04	-0.20	.	-1	
5	.	-1.0	-0.1	0.05	-0.20	.	-1	
6	.	-1.0	-0.1	0.05	-0.20	.	-1	
7	3.2	2.8	-0.1	0.01	-0.20	-0.04	-1	
8	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-1	
9	3.9	-1.0	-0.1	0.01	1.63	-0.04	-1	
10	5.1	-1.0	-0.1	0.01	-0.20	-0.04	-1	
11	4.2	-1.0	0.1	0.01	-0.20	0.04	-1	
12	3.1	-1.0	-0.1	0.01	-0.20	-0.04	-1	
13	-3.0	-2.0	-0.1	0.02	-0.20	-0.04	-1	
14	-3.0	-1.0	-0.1	0.02	0.20	-0.04	95	
15	-3.0	-1.0	-0.1	0.02	-0.20	-0.04	-1	
16	

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DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
17	FLEISCHMANN	25MAY2011	0.022	15.9	6.88	10.9	0.3	.
18	FLEISCHMANN	01JUN2011	0.022	17.4	6.42	10.1	0.7	.
19	FLEISCHMANN	22JUN2011	0.027	.	.	.	0.5	.
20	FLEISCHMANN	23JUN2011	.	16.6	7.49	10.0	.	.
21	GRAHAMSVILLE	06APR2011	.	.	.	.	0.1	.
22	GRAHAMSVILLE	06APR2011	.	.	.	.	.	.
23	GRAHAMSVILLE	04MAY2011	.	.	.	.	0.2	.
24	GRAHAMSVILLE	04MAY2011	.	.	.	.	.	.
25	GRAHAMSVILLE	01JUN2011	.	.	.	.	0.2	.
26	GRAHAMSVILLE	01JUN2011	.	.	.	.	.	.
27	GRAHAMSVILLE	08JUN2011	.	.	.	.	.	.
28	HOBART	06APR2011	0.086	11.5	6.55	7.5	0.6	.
29	HOBART	20APR2011	0.075	12.4	6.88	5.8	0.2	.
30	HOBART	04MAY2011	0.079	12.7	6.87	25.9	0.2	.
31	HOBART	18MAY2011	0.065	15.1	6.82	6.7	0.1	.
32	HOBART	01JUN2011	0.067	19.3	6.94	6.5	0.1	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
17	-3.0	-1.0	-0.1	0.02	-0.20	-0.04	-1	
18	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-1	
19	.	-1.1	-0.1	0.02	-0.20	-0.04	-1	
20	.	.	.	.	.	.	.
21	-3.0	-1.0	.	0.02	-0.20	.	.	
22	.	.	.	.	.	.	-1	
23	-3.0	-1.0	.	0.02	-0.20	.	.	
24	.	.	.	.	.	.	-1	
25	-3.0	-1.0	.	0.04	-0.20	.	.	
26	.	.	.	.	.	.	280	
27	.	.	.	.	.	.	-1	
28	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-1	
29	-3.0	-1.0	-0.1	0.01	2.95	-0.04	-1	
30	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-1	
31	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-1	
32	-3.0	-1.0	-0.1	0.02	-0.20	0.10	-1	

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DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
33	HOBART	22JUN2011	0.066	.	.	.	0.4	.
34	HOBART	23JUN2011	.	19.4	7.01	5.6	.	.
35	MARGARETVILLE	05APR2011	.	.	.	.	.	.
36	MARGARETVILLE	06APR2011	.	.	.	.	.	.
37	MARGARETVILLE	19APR2011	.	.	.	.	.	.
38	MARGARETVILLE	20APR2011	.	.	.	.	.	.
39	MARGARETVILLE	03MAY2011	.	.	.	.	.	.
40	MARGARETVILLE	04MAY2011	.	.	.	.	.	.
41	MARGARETVILLE	17MAY2011	.	.	.	.	.	.
42	MARGARETVILLE	18MAY2011	.	.	.	.	.	.
43	MARGARETVILLE	07JUN2011	.	.	.	.	.	.
44	MARGARETVILLE	08JUN2011	.	.	.	.	.	.
45	MARGARETVILLE	21JUN2011	.	.	.	.	.	.
46	MARGARETVILLE	22JUN2011	.	.	.	.	.	.
47	MARGARETVILLE	28JUN2011	.	.	.	.	.	.
48	MOUNTAINSIDE FARMS	06APR2011	0.023	8.9	6.49	8.6	11.0	22.5

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
33	.	-1.0	-0.1	0.04	-0.20	-0.04	-1	
34	.	.	.	.	.	.	.
35	-3.0	-1.0	.	0.05	-0.20	-0.04	.	
36	.	.	.	.	.	.	-1	
37	-3.0	-1.0	.	0.05	-0.20	-0.04	.	
38	.	.	.	.	.	.	-1	
39	-3.0	-1.0	.	0.05	-0.20	-0.04	.	
40	.	.	.	.	.	.	-1	
41	-3.0	-1.0	.	0.06	-0.20	-0.04	.	
42	-1	
43	-3.0	-1.0	.	0.09	-0.20	.	.	
44	-1	
45	.	-1.0	.	0.07	-0.20	.	.	
46	130	
47	-3.0	
48	.	38.8	-0.1	0.83	.	.	.	

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DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
49	MOUNTAINSIDE FARMS	20APR2011	0.047	10.5	6.56	6.7	6.1	9.5
50	MOUNTAINSIDE FARMS	04MAY2011	0.036	15.6	6.71	7.2	3.6	6.8
51	MOUNTAINSIDE FARMS	18MAY2011	0.024	17.1	7.06	4.9	8.4	13.9
52	MOUNTAINSIDE FARMS	01JUN2011	0.030	22.8	6.77	4.8	8.1	18.4
53	MOUNTAINSIDE FARMS	22JUN2011	0.043	.	.	.	3.1	20.3
54	MOUNTAINSIDE FARMS	23JUN2011	.	21.5	7.09	4.2	.	.
55	ROXBURY	06APR2011	0.027	5.3	6.60	12.0	0.4	.
56	ROXBURY	20APR2011	0.011	9.3	7.42	11.1	0.3	.
57	ROXBURY	04MAY2011	0.008	10.9	7.44	10.8	1.5	.
58	ROXBURY	18MAY2011	0.002	13.5	7.40	10.3	0.4	.
59	ROXBURY	01JUN2011	0.009	18.8	7.51	9.8	0.4	.
60	ROXBURY	22JUN2011	0.006	.	.	.	0.7	.
61	ROXBURY	23JUN2011	.	.	.	.	.	.
62	ROXBURY	23JUN2011	.	17.4	7.55	9.7	.	.
63	STAMFORD	06APR2011	0.858	8.0	6.46	12.2	0.8	.
64	STAMFORD	20APR2011	0.542	10.0	6.52	10.6	0.2	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
49	.	18.8	0.3	0.86	.	.	.	.
50	.	13.0	.	0.37	.	.	.	.
51	.	30.5	.	0.66	.	.	.	.
52	.	20.5	.	0.57	.	.	.	.
53	.	2.8	.	0.18	.	.	.	.
54	.	.	.	.	.	.	.	.
55	-3.0	-2.0	-0.1	0.20	-0.20	-0.04	43	.
56	-3.0	-1.0	-0.1	0.22	-0.20	-0.04	1	.
57	-3.0	-1.0	-0.1	0.22	-0.20	-0.04	-1	.
58	-3.0	-1.0	-0.1	0.22	-0.20	-0.04	-1	.
59	-3.0	-1.0	-0.1	0.25	-0.20	-0.04	-1	.
60	.	-1.0	.	0.25	-0.20	-0.04	-1	.
61	.	.	-0.1
62
63	5.1	-1.0	-0.1	0.01	-0.20	-0.04	-1	.
64	3.8	-1.0	-0.1	0.01	-0.20	-0.04	-1	.

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DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
65	STAMFORD	04MAY2011	0.762	10.6	6.52	10.8	0.1	.
66	STAMFORD	18MAY2011	0.520	12.4	6.66	10.3	0.2	.
67	STAMFORD	01JUN2011	0.410	16.7	6.40	9.9	0.3	.
68	STAMFORD	22JUN2011	0.210	.	.	.	0.2	.
69	STAMFORD	23JUN2011	.	16.7	6.83	8.1	.	.
70	WALTON	13APR2011	1.519	14.5	7.48	9.9	0.6	.
71	WALTON	27APR2011	1.760	15.8	7.36	10.0	1.2	.
72	WALTON	11MAY2011	1.400	16.7	7.43	10.4	0.3	.
73	WALTON	25MAY2011	1.500	17.8	7.52	9.4	0.2	.
74	WALTON	15JUN2011	1.272	20.9	7.89	8.5	0.3	.
75	WALTON	29JUN2011	1.220	21.5	7.73	6.6	0.1	.
76	WEST DELAWARE BOCES	13APR2011	0.004	13.7	7.49	6.1	0.1	.
77	WEST DELAWARE BOCES	27APR2011	0.005	15.9	7.57	4.0	0.4	.
78	WEST DELAWARE BOCES	11MAY2011	0.003	16.4	6.62	4.9	0.1	.
79	WEST DELAWARE BOCES	25MAY2011	0.005	17.8	7.21	5.1	0.1	.
80	WEST DELAWARE BOCES	15JUN2011	0.004	19.2	6.74	6.2	0.8	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
65	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-1	
66	4.9	-1.0	-0.1	0.01	-0.20	-0.04	-1	
67	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	5	
68	.	-1.0	-0.1	0.01	-0.20	-0.04	1	
69	.	.	.	.	.	.	.
70	-3.0	-1.0	-0.1	0.02	-0.20	-0.04	-1	
71	3.1	4.8	-0.1	0.03	-0.20	-0.04	-1	
72	-3.0	-1.0	0.1	0.01	-0.20	-0.04	-1	
73	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-1	
74	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-1	
75	3.1	-1.0	-0.1	0.01	-0.20	-0.04	-1	
76	-3.0	-1.0	-0.1	0.17	0.21	-0.04	-1	
77	-3.0	-1.0	-0.1	0.12	-0.20	-0.04	-1	
78	-3.0	-1.0	-0.1	0.10	-0.20	-0.04	-1	
79	-3.0	-1.0	-0.1	0.13	-0.20	-0.04	-1	
80	-3.0	-1.0	-0.1	0.10	0.25	-0.04	-1	

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DELAWARE DISTRICT

Obs	PLANT		COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
81	WEST DELAWARE	BOCES	29JUN2011	0.003	21.7	7.18	5.2	0.1	.
Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE	
81	-3.0	-1.0	-0.1	0.20	-0.20	0.04	-1		