

***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**

Fourth Quarter 2010

January 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.

Catskill District:

Facility	Date	Parameter	Measurement	SPDES Limit
Boiceville WWTP	13OCT10	Ammonia	5.43	1.10 mg/l
Boiceville WWTP	13OCT10	Phosphorus	0.79	0.50 mg/l
Hunter Highlands	09NOV10	CBOD	5.8	5 mg/l
Hunter Highlands	01DEC10	CBOD	12.9	5 mg/l
Windham	08DEC10	CBOD	7.5	5 mg/l

Delaware District:

Facility	Date	Parameter	Measurement	SPDES Limit
Andes	22DEC10	Flow	0.064	0.062 MGD, 30-day A.M.
Delhi	23NOV10	Flow	0.871	0.815 MGD, 30-day A.M.
Grahamsville	06OCT10	CBOD	17.5	5 mg/l 7-day A.M.
Grahamsville	01DEC10	Ammonia	7.72	2.20 mg/l
Hobart	15DEC10	Ammonia	2.67	1.0 mg/l
Roxbury	17NOV10	Susp.Solids	29.9	10 mg/l, daily max.
Stamford	06OCT10	Flow	0.751	0.5 MGD, 30-day A.M.
Stamford	07OCT10	Flow	0.699	0.5 MGD, 30-day A.M.
Stamford	20OCT10	Flow	0.531	0.5 MGD, 30-day A.M.
Stamford	15DEC10	Flow	0.515	0.5 MGD, 30-day A.M.
Walton	23NOV10	Ammonia	6.8	1.0 mg/l
WestDel BOCES	13OCT10	Temperature	24.5	21.1 degrees C., daily max.
WestDel BOCES	26OCT10	pH	6.34	6.5 - 8.5
WestDel BOCES	09NOV10	Temperature	25.9	21.1 degrees C., daily max.
WestDel BOCES	08DEC10	Ammonia	4.66	1.0 mg/l
WestDel BOCES	08DEC10	Temperature	35.6	21.1 degrees C., daily max.
WestDel BOCES	22DEC10	pH	6.37	6.5 - 8.5

The last 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 are described in DEP’s 2006 Long-term Watershed Protection Plan.

Catskill District:

Boiceville WWTP

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		no violations	
13OCT10	Ammonia	5.43	1.10 mg/l
13OCT10	Total Phosphorus	0.79	0.50 mg/l
03NOV10		no violations	
17NOV10		no violations	
01DEC10		no violations	
08DEC10		no violations	

Elka Park (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		no violations	
13OCT10		no flow, no sample	
20OCT10		no flow, no sample	

Elka Park (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
03NOV10		no flow, no sample	
09NOV10		no flow, no sample	
17NOV10		no violations	
01DEC10		no flow, no sample	
08DEC10		no flow, no sample	
15DEC10		no violations	
22DEC10		no flow, no sample	

Grand Gorge (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		no violations	
07OCT10		no violations	
19OCT10		no violations	
20OCT10		no violations	

Grand Gorge (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
02NOV10		no violations	
03NOV10		no violations	
16NOV10		no violations	
17NOV10		no violations	
07DEC10		no violations	
08DEC10		no violations	
21DEC10		no violations	
22DEC10		no violations	

Grand Gorge--% removals

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		% removals okay	
19OCT10		% removals okay	
02NOV10		% removals okay	
16NOV10		% removals okay	
07DEC10		% removals okay	
21DEC10		% removals okay	

Hunter Highlands (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		no violations	
13OCT10		no violations	

Hunter Highlands (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
09NOV10	CBOD5	5.8	5 mg/l
17NOV10		no violations	
01DEC10	CBOD5	12.9	5 mg/l
08DEC10		no violations	

Hunter Village (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		no violations	
13OCT10		no violations	

Hunter Village (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
09NOV10		no violations	
17NOV10		no violations	
01DEC10		no violations	
08DEC10		no violations	

Olive Woods

date	Parameter	SPDES Violation	SPDES Limit
13OCT10		no flow, no sample	
20OCT10		no flow, no sample	
03NOV10		no flow, no sample	
09NOV10		no flow, no sample	
17NOV10		no violations	
01DEC10		no violations	
08DEC10		no flow, no sample	
15DEC10		no flow, no sample	

Onteora Central School

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		no violations	
13OCT10		no flow, no sample	
20OCT10		no violations	
03NOV10		no violations	
17NOV10		no flow, no sample	
23NOV10		no flow, no sample	
01DEC10		no flow, no sample	
08DEC10		no violations	
15DEC10		no flow, no sample	

Pine Hill (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		no violations	
07OCT10		no violations	
19OCT10		no violations	
20OCT10		no violations	

Pine Hill (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
02NOV10		no violations	
03NOV10		no violations	
16NOV10		no violations	
17NOV10		no violations	
07DEC10		no violations	
08DEC10		no violations	
21DEC10		no violations	
22DEC10		no violations	
27DEC10		no violations	

Pine Hill--% removals

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		% removals okay	
19OCT10		% removals okay	
02NOV10		% removals okay	
16NOV10		% removals okay	
07DEC10	influent suspended solids	not reported	
21DEC10		% removals okay	
27DEC10	influent CBOD5	not reported	

Prattsville WTP

date	Parameter	SPDES Violation	SPDES Limit
13OCT10		no violations	
20OCT10		no flow, no sample	
26OCT10		no violations	
03NOV10		no violations	
09NOV10		no violations	
01DEC10		no flow, no sample	
08DEC10		no violations	
15DEC10		no flow, no sample	

Tannersville (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		no violations	
07OCT10		no violations	
19OCT10		no violations	
20OCT10		no violations	

Tannersville (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
02NOV10		no violations	
03NOV10		no violations	
16NOV10		no violations	
17NOV10		no violations	
07DEC10		no violations	
08DEC10		no violations	
21DEC10		no violations	
22DEC10		no violations	
27DEC10		no violations	

Tannersville--% removals

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		% removals okay	
19OCT10		% removals okay	
02NOV10		% removals okay	
16NOV10		% removals okay	
07DEC10	influent suspended solids	not reported	
21DEC10		% removals okay	
27DEC10	influent CBOD5	not reported	

Windham (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
13OCT10		no violations	
20OCT10		no violations	

Windham (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
03NOV10		no violations	
09NOV10		no violations	
01DEC10		no violations	
08DEC10	BOD5	7.5	5 mg/l

Delaware District:

Andes (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
13OCT10		no violations	
26OCT10		no violations	

Andes (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
09NOV10		no violations	
23NOV10		no violations	
08DEC10		no violations	
22DEC10	Flow	0.064	0.062 MGD, 30-day A.M.

Delhi WWTP (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
13OCT10		no violations	
26OCT10		no violations	

Delhi WWTP (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
09NOV10		no violations	
23NOV10	Flow	0.871	0.815 MGD, 30-day A.M.
08DEC10		no violations	
22DEC10		no violations	

Fleischmanns WWTP

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		no violations	
07OCT10	Composite sample collected and analyzed according to SPDES monitoring requirements		
07OCT10		no violations	
20OCT10		no violations	
03NOV10		no violations	
17NOV10		no violations	
01DEC10		no violations	
15DEC10		no violations	

Grahamsville WWTP (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06OCT10	CBOD5	17.5	5 mg/l 7-day A.M.
20OCT10		no violations	

Grahamsville WWTP (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
03NOV10		no violations	
01DEC10	Ammonia	7.72	2.2 mg/l 30-day A.M.
15DEC10		no violations	

Grahamsville--% removals

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		% removals okay	
20OCT10		% removals okay	
03NOV10		% removals okay	
01DEC10	%suspended solids	removal lab error	
15DEC10		% removals okay	

Hobart (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		no violations	
20OCT10		no violations	

Hobart (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
03NOV10		no violations	
17NOV10		no violations	
01DEC10		no violations	
15DEC10	Ammonia	2.67	1 mg/l

Margaretville

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		no violations	
07OCT10		no violations	
19OCT10		no violations	
20OCT10		no violations	
02NOV10		no violations	
03NOV10		no violations	
16NOV10		no violations	
17NOV10		no violations	
07DEC10		no violations	
08DEC10		no violations	
21DEC10		no violations	
22DEC10		no violations	

Margaretville--% removals

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		% removals okay	
19OCT10		% removals okay	
02NOV10		% removals okay	
16NOV10		% removals okay	
07DEC10		% removals okay	
21DEC10		% removals okay	

Mountainside Farms - Delaware County Dairies

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		no violations	
07OCT10	Composite sample collected and analyzed according to SPDES monitoring requirements		
07OCT10		no violations	
20OCT10		no violations	
03NOV10		no violations	
17NOV10		no violations	
01DEC10		no violations	
15DEC10		no violations	

Roxbury Run (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06OCT10		no violations	
20OCT10		no violations	

Roxbury Run (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
03NOV10		no violations	
17NOV10	Suspended Solids	29.9	10 mg/l, daily max.
01DEC10		no violations	
15DEC10		no violations	

Stamford WWTP

date	Parameter	SPDES Violation	SPDES Limit
06OCT10	Flow	0.751	0.5 MGD, 30-day A.M.
07OCT10	Composite sample collected and analyzed according to SPDES monitoring requirements		
07OCT10	Flow	0.699	0.5 MGD, 30-day A.M.
20OCT10	Flow	0.531	0.5 MGD, 30-day A.M.
03NOV10		no violations	
17NOV10		no violations	
01DEC10		no violations	
15DEC10	Flow	0.515	0.5 MGD, 30-day A.M.

Walton WWTP

date	Parameter	SPDES Violation	SPDES Limit
13OCT10		no violations	
26OCT10		no violations	
09NOV10		no violations	
23NOV10	Ammonia	6.8	1 mg/l
08DEC10		no violations	
22DEC10		no violations	
28DEC10		no violations	

West Delaware BOCES

date	Parameter	SPDES Violation	SPDES Limit
13OCT10	Temperature	24.5	21.1 °C (70°F)
26OCT10	pH	6.34	6.5 - 8.5
09NOV10	Temperature	25.9	21.1 °C (70°F)
23NOV10		no violations	
08DEC10	Ammonia	4.66	1 mg/l
08DEC10	Temperature	35.6	21.1 °C (70°F)
22DEC10	pH	6.37	6.5 - 8.5

CATSKILL DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
1	Boiceville WTP	06OCT2010	.	19.1	8.16	9.2	0.4	.
2	Boiceville WTP	13OCT2010	.	18.7	8.34	8.6	0.3	.
3	Boiceville WTP	03NOV2010	.	17.3	7.73	9.7	0.2	.
4	Boiceville WTP	17NOV2010	.	16.9	7.11	9.6	0.2	.
5	Boiceville WTP	01DEC2010	.	15.6	7.23	10.4	0.1	.
6	Boiceville WTP	08DEC2010	.	12.9	7.75	11.0	0.3	.
7	ELKA PARK	06OCT2010	.	14.0	7.74	9.5	0.1	.
8	ELKA PARK	13OCT2010	.	.	.	.	.	.
9	ELKA PARK	20OCT2010	.	.	.	.	.	.
10	ELKA PARK	03NOV2010	.	.	.	.	.	.
11	ELKA PARK	09NOV2010	.	.	.	.	.	.
12	ELKA PARK	17NOV2010	.	8.9	7.36	11.0	0.1	.
13	ELKA PARK	01DEC2010	.	.	.	.	.	.
14	ELKA PARK	08DEC2010	.	.	.	.	.	.
15	ELKA PARK	15DEC2010	.	4.4	7.12	11.6	0.3	.
16	ELKA PARK	22DEC2010	.	.	.	.	.	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
1	-3.0	-1.0	-0.1	0.14	-0.20	.	-10	.
2	-3.0	-1.0	-0.1	0.79	5.43	.	-10	.
3	-3.0	-1.1	-0.1	0.08	0.28	.	-1	.
4	-3.0	-1.0	-0.1	0.10	-0.20	.	-1	.
5	-3.0	-1.0	-0.1	0.16	-0.20	.	-1	.
6	-3.0	-1.0	-0.1	0.12	-0.20	.	-1	.
7	-3.0	-1.0	-0.1	0.19	-0.20	.	-10	.
8	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.
12	-3.0	-1.1	-0.1	0.22	-0.20	.	-1	.
13	.	.	.	.	.	.	.	.
14	.	.	.	.	.	.	.	.
15	-3.0	-1.0	-0.1	0.17	-0.20	.	-1	.
16	.	.	.	.	.	.	.	.

CATSKILL DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
17	GRAND GORGE	06OCT2010	.	.	.	.	.	.
18	GRAND GORGE	07OCT2010	.	.	.	.	.	.
19	GRAND GORGE	19OCT2010	.	.	.	.	.	.
20	GRAND GORGE	20OCT2010	.	.	.	.	.	.
21	GRAND GORGE	02NOV2010	.	.	.	.	.	.
22	GRAND GORGE	03NOV2010	.	.	.	.	.	.
23	GRAND GORGE	16NOV2010	.	.	.	.	.	.
24	GRAND GORGE	17NOV2010	.	.	.	.	.	.
25	GRAND GORGE	07DEC2010	.	.	.	.	.	.
26	GRAND GORGE	08DEC2010	.	.	.	.	.	.
27	GRAND GORGE	21DEC2010	.	.	.	.	.	.
28	GRAND GORGE	22DEC2010	.	.	.	.	.	.
29	HUNTER HIGHLANDS	06OCT2010	.	14.7	7.49	9.7	0.5	.
30	HUNTER HIGHLANDS	13OCT2010	.	15.2	7.76	9.8	0.1	.
31	HUNTER HIGHLANDS	09NOV2010	.	9.7	7.68	11.6	0.1	.
32	HUNTER HIGHLANDS	17NOV2010	.	16.0	7.83	9.5	0.3	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
17	-3.0	-1.0	.	0.04	-0.20	-0.04	.	.
18	.	.	.	.	.	.	-10	.
19	-3.0	-1.0	.	0.02	-0.20	-0.04	.	.
20	.	.	.	.	.	.	-10	.
21	-3.0	-1.0	.	0.02	-0.20	-0.04	.	.
22	.	.	.	.	.	.	-1	.
23	-3.0	-1.0	.	0.01	-0.20	-0.04	.	.
24	.	.	.	.	.	.	-1	.
25	-3.0	-1.0	.	0.01	-0.20	-0.04	.	.
26	.	.	.	.	.	.	-1	.
27	-3.0	-1.0	.	0.01	-0.20	-0.04	.	.
28	.	.	.	.	.	.	-1	.
29	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-10	.
30	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-10	.
31	5.8	-1.0	-0.1	0.01	-0.20	-0.04	-1	.
32	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-1	.

CATSKILL DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
33	HUNTER HIGHLANDS	01DEC2010	.	12.9	7.49	10.0	0.3	.
34	HUNTER HIGHLANDS	08DEC2010	.	6.2	7.70	11.7	0.2	.
35	HUNTER WTP	06OCT2010	.	15.7	6.83	.	0.1	-3.0
36	HUNTER WTP	13OCT2010	.	15.8	7.17	.	0.1	-3.0
37	HUNTER WTP	09NOV2010	.	9.8	7.42	.	0.3	3.0
38	HUNTER WTP	17NOV2010	.	10.6	6.93	.	0.1	-3.0
39	HUNTER WTP	01DEC2010	.	9.4	6.76	.	0.1	-3.0
40	HUNTER WTP	08DEC2010	.	7.1	7.03	.	0.1	-3.0
41	OLIVE WOODS	13OCT2010	.	.	.	.	.	.
42	OLIVE WOODS	20OCT2010	.	.	.	.	.	.
43	OLIVE WOODS	03NOV2010	.	.	.	.	.	.
44	OLIVE WOODS	09NOV2010	.	.	.	.	.	.
45	OLIVE WOODS	17NOV2010	.	12.6	7.92	10.5	0.1	.
46	OLIVE WOODS	01DEC2010	.	11.3	7.21	11.5	0.2	.
47	OLIVE WOODS	08DEC2010	.	.	.	.	.	.
48	OLIVE WOODS	15DEC2010	.	.	.	.	.	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
33	12.9	-1.0	-0.1	0.02	-0.20	-0.04	-1	
34	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-1	
35	.	-1.0	-0.1	0.01	-0.20	-0.04	-10	
36	.	-1.0	-0.1	0.01	-0.20	-0.04	-10	
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	.	.	.	.	.	.	.
42	.	.	.	.	.	.	.
43	.	.	.	.	.	.	.
44	.	.	.	.	.	.	.
45	-3.0	-1.0	-0.1	0.61	0.28	.	-1	
46	-3.0	-1.0	-0.1	0.02	0.43	.	-1	
47	.	.	.	.	.	.	.
48	.	.	.	.	.	.	.

CATSKILL DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
49	ONTEORA CENTRAL SCHOOL	06OCT2010	.	18.7	7.12	.	1.3	.
50	ONTEORA CENTRAL SCHOOL	13OCT2010	.	.	.	.	.	.
51	ONTEORA CENTRAL SCHOOL	20OCT2010	.	14.9	7.89	.	0.5	.
52	ONTEORA CENTRAL SCHOOL	03NOV2010	.	17.1	7.66	.	1.0	.
53	ONTEORA CENTRAL SCHOOL	17NOV2010	.	.	.	.	.	.
54	ONTEORA CENTRAL SCHOOL	23NOV2010	.	.	.	.	.	.
55	ONTEORA CENTRAL SCHOOL	01DEC2010	.	.	.	.	.	.
56	ONTEORA CENTRAL SCHOOL	08DEC2010	.	8.6	7.58	.	0.8	.
57	ONTEORA CENTRAL SCHOOL	15DEC2010	.	.	.	.	.	.
58	PINE HILL	06OCT2010	.	.	.	.	.	.
59	PINE HILL	07OCT2010	.	.	.	.	.	.
60	PINE HILL	19OCT2010	.	.	.	.	.	.
61	PINE HILL	20OCT2010	.	.	.	.	.	.
62	PINE HILL	02NOV2010	.	.	.	.	.	.
63	PINE HILL	03NOV2010	.	.	.	.	.	.
64	PINE HILL	16NOV2010	.	.	.	.	.	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
49	-3.0	-2.0	-0.1	1.95	.	0.05	-10	.
50	.	.	.	.	.	.	.	.
51	-3.0	-1.0	-0.1	1.00	.	0.06	-10	.
52	-3.0	1.7	-0.1	0.74	.	0.05	-1	.
53	.	.	.	.	.	.	.	.
54	.	.	.	.	.	.	.	.
55	.	.	.	.	.	.	.	.
56	-3.0	-1.0	-0.1	0.57	.	-0.04	-1	.
57	.	.	.	.	.	.	.	.
58	-3.0	-1.0	.	0.01	-0.20	-0.04	.	.
59	.	.	.	.	.	.	-10	.
60	-3.0	-1.0	.	0.01	-0.20	-0.04	.	.
61	.	.	.	.	.	.	-10	.
62	-3.0	-1.0	.	0.01	-0.20	-0.04	.	.
63	.	.	.	.	.	.	-1	.
64	-3.0	-1.0	.	-0.01	-0.20	-0.04	.	.

CATSKILL DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
65	PINE HILL	17NOV2010	.	.	.	.	.	.
66	PINE HILL	07DEC2010	.	.	.	.	.	.
67	PINE HILL	08DEC2010	.	.	.	.	.	.
68	PINE HILL	21DEC2010	.	.	.	.	.	.
69	PINE HILL	22DEC2010	.	.	.	.	.	.
70	PINE HILL	27DEC2010	.	.	.	.	.	.
71	PRATTSVILLE WTP	13OCT2010	.	16.8	7.41	.	0.1	.
72	PRATTSVILLE WTP	20OCT2010	.	.	.	.	.	.
73	PRATTSVILLE WTP	26OCT2010	.	17.7	7.24	.	0.1	.
74	PRATTSVILLE WTP	03NOV2010	.	16.6	7.25	.	0.3	.
75	PRATTSVILLE WTP	09NOV2010	.	14.5	7.30	.	0.1	.
76	PRATTSVILLE WTP	01DEC2010	.	.	.	.	.	.
77	PRATTSVILLE WTP	08DEC2010	.	11.8	7.33	.	0.1	.
78	PRATTSVILLE WTP	15DEC2010	.	.	.	.	.	.
79	TANNERSVILLE	06OCT2010	.	.	.	.	.	.
80	TANNERSVILLE	07OCT2010	.	.	.	.	.	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
65	.	.	.	.	.	.	-1	.
66	-3.0	-1.0	.	0.01	-0.20	-0.04	.	.
67	.	.	.	.	.	.	-1	.
68	-3.0	-1.0	.	-0.01	0.29	-0.04	.	.
69	.	.	.	.	.	.	-1	.
70	.	-1.1	.	.	.	.	.	.
71	-3.0	-1.0	-0.1	0.02	.	.	-10	.
72	.	.	.	.	.	.	.	.
73	-3.0	-1.0	-0.1	0.01	.	.	-1	.
74	-3.0	-1.0	-0.1	0.02	.	.	-1	.
75	-3.0	-1.1	-0.1	0.02	.	.	-1	.
76	.	.	.	.	.	.	.	.
77	-3.0	-1.0	-0.1	0.01	.	.	-1	.
78	.	.	.	.	.	.	.	.
79	-3.0	-1.0	.	0.03	-0.20	-0.04	.	.
80	.	.	.	.	.	.	-10	.

CATSKILL DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
81	TANNERSVILLE	19OCT2010	.	.	.	.	.	.
82	TANNERSVILLE	20OCT2010	.	.	.	.	.	.
83	TANNERSVILLE	02NOV2010	.	.	.	.	.	.
84	TANNERSVILLE	03NOV2010	.	.	.	.	.	.
85	TANNERSVILLE	16NOV2010	.	.	.	.	.	.
86	TANNERSVILLE	17NOV2010	.	.	.	.	.	.
87	TANNERSVILLE	07DEC2010	.	.	.	.	.	.
88	TANNERSVILLE	08DEC2010	.	.	.	.	.	.
89	TANNERSVILLE	21DEC2010	.	.	.	.	.	.
90	TANNERSVILLE	22DEC2010	.	.	.	.	.	.
91	TANNERSVILLE	27DEC2010	.	.	.	.	.	.
92	WINDHAM WTP	13OCT2010	.	15.2	7.02	9.3	0.1	.
93	WINDHAM WTP	20OCT2010	.	13.3	7.24	9.3	0.1	.
94	WINDHAM WTP	03NOV2010	.	11.8	7.09	10.5	0.5	.
95	WINDHAM WTP	09NOV2010	.	9.9	7.03	10.3	0.1	-3.0
96	WINDHAM WTP	01DEC2010	.	9.5	6.88	10.8	0.1	-3.0
97	WINDHAM WTP	08DEC2010	.	5.7	6.97	11.6	0.1	7.5

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
81	-3.0	-1.0	.	0.02	-0.20	-0.04	.	.
82	.	.	.	.	.	.	9	.
83	-3.0	-1.0	.	0.02	-0.20	-0.04	.	.
84	.	.	.	.	.	.	-1	.
85	-3.0	-1.0	.	0.02	-0.20	-0.04	.	.
86	.	.	.	.	.	.	-1	.
87	-3.0	-1.0	.	0.01	-0.20	-0.04	.	.
88	.	.	.	.	.	.	-1	.
89	-3.0	-1.0	.	0.01	-0.20	-0.04	.	.
90	.	.	.	.	.	.	-1	.
91	.	-1.0	.	.	.	.	.	.
92	4.0	-1.0	-0.1	0.07	-0.20	-0.04	-10	.
93	3.9	-1.0	-0.1	0.01	-0.20	-0.04	-10	.
94	-3.0	-1.0	-0.1	0.02	.	0.13	-1	.
95	.	-1.0	-0.1	0.01	.	-0.04	-1	.
96	.	-1.0	-0.1	0.02	.	-0.04	-1	.
97	.	-1.0	-0.1	0.01	.	-0.04	-1	.

DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
1	ANDES	13OCT2010	0.052	17.1	-110.0	9.8	0.3	-3.0
2	ANDES	26OCT2010	0.046	15.9	7.98	10.2	0.5	-3.0
3	ANDES	09NOV2010	0.056	14.3	8.23	9.8	0.4	-3.0
4	ANDES	23NOV2010	0.050	13.9	7.84	10.1	0.2	-3.0
5	ANDES	08DEC2010	0.045	12.5	8.23	10.6	0.2	-3.0
6	ANDES	22DEC2010	0.064	12.3	8.05	10.4	0.2	-3.0
7	DELHI	13OCT2010	0.650	18.3	-110.0	8.3	0.2	.
8	DELHI	26OCT2010	0.713	17.6	7.28	8.7	0.5	.
9	DELHI	09NOV2010	0.755	15.0	7.43	7.0	0.2	.
10	DELHI	23NOV2010	0.871	15.3	7.14	8.9	0.3	.
11	DELHI	08DEC2010	0.746	11.5	7.21	8.5	0.1	.
12	DELHI	22DEC2010	0.693	10.3	7.28	9.5	0.1	.
13	FLEISCHMANN	06OCT2010	0.031	15.7	7.34	8.8	0.1	.
14	FLEISCHMANN	07OCT2010	0.031	.	.	.	0.2	.
15	FLEISCHMANN	20OCT2010	0.054	13.4	7.12	9.0	0.1	.
16	FLEISCHMANN	03NOV2010	0.021	12.0	7.10	9.6	0.2	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
1	.	-1.1	-0.1	0.03	-0.20	.	-10	
2	.	-1.0	-0.1	0.03	0.24	.	-10	
3	.	-1.0	-0.1	0.03	-0.20	.	-10	
4	.	-1.0	-0.1	0.03	-0.20	.	-10	
5	.	-1.0	-0.1	0.04	0.47	.	-10	
6	.	-1.0	-0.1	0.04	0.44	.	-10	
7	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-10	
8	-3.0	-1.9	-0.1	0.05	-0.20	-0.04	-10	
9	-3.0	-1.0	0.1	0.01	-0.20	-0.04	-10	
10	-3.0	-1.0	-0.1	0.02	-0.20	-0.04	-10	
11	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-10	
12	-3.0	5.3	-0.1	0.01	-0.20	-0.04	-10	
13	-3.0	-1.0	-0.1	0.05	-0.20	-0.04	-10	
14	-3.0	-1.0	-0.1	0.04	-0.20	-0.04	.	
15	-3.0	-1.0	-0.1	0.03	-0.20	-0.04	-10	
16	-3.0	-1.0	-0.1	0.02	-0.20	-0.04	-10	

DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
17	FLEISCHMANN'S	17NOV2010	0.025	11.2	7.19	9.5	0.2	.
18	FLEISCHMANN'S	01DEC2010	0.020	11.2	7.05	8.1	0.3	.
19	FLEISCHMANN'S	15DEC2010	0.049	6.9	6.97	10.3	0.4	.
20	GRAHAMSVILLE	06OCT2010	.	.	.	.	0.2	.
21	GRAHAMSVILLE	06OCT2010	.	.	.	.	.	.
22	GRAHAMSVILLE	20OCT2010	.	.	.	.	.	.
23	GRAHAMSVILLE	03NOV2010	.	.	.	.	1.7	.
24	GRAHAMSVILLE	03NOV2010	.	.	.	.	.	.
25	GRAHAMSVILLE	01DEC2010	.	.	.	.	0.5	.
26	GRAHAMSVILLE	01DEC2010	.	.	.	.	.	.
27	GRAHAMSVILLE	15DEC2010	.	.	.	.	.	.
28	HOBART	06OCT2010	0.095	18.1	6.93	6.2	0.2	.
29	HOBART	20OCT2010	0.085	16.3	6.85	6.8	0.1	.
30	HOBART	03NOV2010	0.085	14.5	7.01	5.7	0.2	.
31	HOBART	17NOV2010	0.070	14.7	7.10	7.5	0.1	.
32	HOBART	01DEC2010	0.072	14.5	6.93	4.4	0.3	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
17	-3.0	-1.0	-0.1	0.02	-0.20	-0.04	-10	
18	-3.0	-1.0	-0.1	0.03	-0.20	-0.04	-10	
19	-3.0	1.6	-0.1	0.06	-0.20	-0.04	-10	
20	17.5	-1.0	.	0.03	-0.20	.	.	
21	.	.	.	.	.	.	-4	
22	-3.0	.	.	.	.	.	.
23	-3.0	1.8	.	0.03	-0.20	.	.	
24	.	.	.	.	.	.	-4	
25	-3.0	-105.0	.	0.02	7.72	.	.	
26	.	.	.	.	.	.	-4	
27	.	-1.0	.	.	-0.20	.	.	
28	-3.0	-1.0	-0.1	0.02	-0.20	-0.04	-10	
29	-3.0	-1.0	-0.1	0.01	0.30	-0.04	-10	
30	-3.0	-1.0	-0.1	0.02	-0.20	-0.04	-10	
31	-3.0	-1.0	-0.1	0.06	-0.20	-0.04	-10	
32	-3.0	-1.0	-0.1	0.04	-0.20	-0.04	-10	

DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
33	HOBART	15DEC2010	0.075	12.2	7.01	9.4	0.2	.
34	MARGARETVILLE	06OCT2010	.	.	.	.	.	.
35	MARGARETVILLE	07OCT2010	.	.	.	.	.	.
36	MARGARETVILLE	19OCT2010	.	.	.	.	.	.
37	MARGARETVILLE	20OCT2010	.	.	.	.	.	.
38	MARGARETVILLE	02NOV2010	.	.	.	.	.	.
39	MARGARETVILLE	03NOV2010	.	.	.	.	.	.
40	MARGARETVILLE	16NOV2010	.	.	.	.	.	.
41	MARGARETVILLE	17NOV2010	.	.	.	.	.	.
42	MARGARETVILLE	07DEC2010	.	.	.	.	.	.
43	MARGARETVILLE	08DEC2010	.	.	.	.	.	.
44	MARGARETVILLE	21DEC2010	.	.	.	.	.	.
45	MARGARETVILLE	22DEC2010	.	.	.	.	.	.
46	MOUNTAINSIDE FARMS	06OCT2010	0.028	14.0	6.88	5.8	0.7	-3.0
47	MOUNTAINSIDE FARMS	07OCT2010	0.027	.	.	.	0.6	3.8
48	MOUNTAINSIDE FARMS	20OCT2010	0.029	10.3	6.90	5.7	1.5	4.2

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
33	-3.0	-1.0	-0.1	0.02	2.67	-0.04	-10	.
34	-3.0	-1.0	.	0.04	0.72	-0.04	.	.
35	.	.	.	.	.	.	-10	.
36	-3.0	-1.0	.	0.05	-0.20	-0.04	.	.
37	.	.	.	.	.	.	-10	.
38	-3.0	-1.0	.	0.06	-0.20	-0.04	.	.
39	.	.	.	.	.	.	-1	.
40	-3.0	-1.0	.	0.03	-0.20	-0.04	.	.
41	.	.	.	.	.	.	-1	.
42	-3.0	-1.0	.	0.02	-0.20	-0.04	.	.
43	.	.	.	.	.	.	-1	.
44	-3.0	-1.0	.	0.03	-0.20	-0.04	.	.
45	.	.	.	.	.	.	-1	.
46	.	1.9	-0.1	0.18	.	.	.	.
47	.	1.8	-0.1	0.18	.	.	.	.
48	.	3.9	-0.1	0.50	.	.	.	.

DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
49	MOUNTAINSIDE FARMS	03NOV2010	0.023	9.8	6.86	4.5	1.5	8.1
50	MOUNTAINSIDE FARMS	17NOV2010	0.045	12.5	6.99	5.1	0.9	7.5
51	MOUNTAINSIDE FARMS	01DEC2010	0.031	10.8	7.02	5.9	4.2	4.3
52	MOUNTAINSIDE FARMS	15DEC2010	0.047	3.0	6.73	8.8	3.8	8.2
53	ROXBURY	06OCT2010	0.016	14.4	7.56	8.9	1.1	.
54	ROXBURY	20OCT2010	0.006	10.9	7.58	9.8	0.4	.
55	ROXBURY	03NOV2010	0.005	9.4	7.69	9.0	0.8	.
56	ROXBURY	17NOV2010	0.006	9.9	7.60	9.8	55.0	.
57	ROXBURY	01DEC2010	0.007	8.0	6.92	10.3	1.3	.
58	ROXBURY	15DEC2010	0.007	3.4	7.56	11.6	0.6	.
59	STAMFORD	06OCT2010	0.751	15.5	6.96	8.7	0.3	.
60	STAMFORD	07OCT2010	0.699	.	.	.	0.2	.
61	STAMFORD	20OCT2010	0.531	13.5	6.88	8.9	0.3	.
62	STAMFORD	03NOV2010	0.400	13.2	6.94	6.1	0.7	.
63	STAMFORD	17NOV2010	0.394	12.8	6.80	7.9	0.2	.
64	STAMFORD	01DEC2010	0.378	11.9	6.74	9.5	0.3	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
49	.	4.6	-0.1	0.18	.	.	.	.
50	.	2.2	-0.1	0.16	.	.	.	.
51	.	6.7	-0.1	0.24	.	.	.	.
52	.	5.6	-0.1	0.52	.	.	.	.
53	-3.0	-1.0	-0.1	0.54	-0.20	-0.04	-10	-10
54	-3.0	-1.0	-0.1	0.47	-0.20	-0.04	-10	-10
55	-3.0	-1.0	-0.1	0.37	-0.20	-0.04	-10	-10
56	3.1	29.9	-0.1	0.37	-0.20	-0.04	-10	-10
57	-3.0	-1.0	-0.1	0.28	-0.20	-0.04	-10	-10
58	-3.0	-1.0	-0.1	0.24	-0.20	0.04	-10	-10
59	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-10	-10
60	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	.	.
61	3.3	-1.0	-0.1	0.03	-0.20	-0.04	-10	-10
62	3.1	-1.0	-0.1	0.02	-0.20	0.04	-10	-10
63	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-10	-10
64	4.9	-1.0	-0.1	0.01	-0.20	-0.04	-10	-10

DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
65	STAMFORD	15DEC2010	0.515	8.8	6.85	9.3	0.1	.
66	WALTON	13OCT2010	1.270	20.3	-110.0	8.5	0.3	.
67	WALTON	26OCT2010	1.233	19.6	7.80	8.9	0.3	.
68	WALTON	09NOV2010	1.241	17.0	7.51	7.0	0.2	.
69	WALTON	23NOV2010	1.021	14.6	7.37	7.6	0.3	.
70	WALTON	08DEC2010	1.310	14.4	7.70	7.4	0.3	.
71	WALTON	22DEC2010	0.895	8.7	7.35	10.3	0.3	.
72	WALTON	22DEC2010	.	.	.	.	.	.
73	WALTON	28DEC2010	.	.	.	.	.	.
74	WEST DELAWARE BOCES	13OCT2010	0.003	24.5	-110.0	5.6	0.1	.
75	WEST DELAWARE BOCES	26OCT2010	0.002	20.0	6.34	6.0	0.7	.
76	WEST DELAWARE BOCES	09NOV2010	0.002	25.9	7.67	5.5	0.3	.
77	WEST DELAWARE BOCES	23NOV2010	0.002	14.1	6.94	6.8	0.1	.
78	WEST DELAWARE BOCES	08DEC2010	0.002	35.6	7.30	3.2	0.2	.
79	WEST DELAWARE BOCES	22DEC2010	0.003	9.9	6.37	8.0	0.1	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
65	4.1	-1.1	-0.1	0.01	-0.20	-0.04	-10	
66	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-10	
67	-3.0	-1.0	-0.1	0.01	-0.20	-0.04	-10	
68	3.5	-1.0	-0.1	0.01	-0.20	-0.04	-10	
69	5.1	-2.2	-0.1	0.01	6.80	-0.04	-10	
70	4.1	-1.0	-0.1	0.01	-0.20	-0.04	-10	
71	-3.0	-1.0	-0.1	0.01	9.64	-0.04	-10	
72	.	.	.	.	9.51	.	.	
73	.	.	.	.	.	.	.
74	-3.0	-1.0	-0.1	0.23	-0.20	-0.04	-10	
75	-3.0	-1.1	-0.1	0.05	0.83	0.08	-10	
76	-3.0	-1.0	-0.1	0.25	-0.20	-0.04	-10	
77	-3.0	-1.0	-0.1	0.02	-0.20	-0.04	-10	
78	-3.0	-1.0	-0.1	0.11	4.66	0.04	-10	
79	-3.0	-1.0	-0.1	0.16	0.72	-0.04	-10	