

***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 2011

January 31, 2012

*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:

Facility	Date	Parameter	Measurement	SPDES Limit
Hunter Village	12OCT11	pH	5.9	6 - 9
Hunter Village	21DEC11	Tot.Chlor.Res.	0.34	0.24 mg/l

Delaware District:

Facility	Date	Parameter	Measurement	SPDES Limit
Delhi	26OCT11	Flow	0.861	0.815 MGD,30-day A.M.
Delhi	14DEC11	Flow	0.82	0.815 MGD,30-day A.M.
Mountainside	05OCT11	Susp.Solids	32.7	10 mg/l, daily max.
Mountainside	05OCT11	Phosphorus	1.873	1 mg/l
Mountainside	19OCT11	pH	6.45	6.5 - 8.5
Mountainside	19OCT11	Susp.Solids	20	10 mg/l, daily max.
Mountainside	22NOV11	Susp.Solids	56.4	10 mg/l, daily max.
Mountainside	22NOV11	Phosphorus	1.308	1 mg/l
Mountainside	01DEC11	Susp.Solids	36	10 mg/l, daily max.
Mountainside	01DEC11	BOD	77.3	50 Action Level>50 mg/l
Mountainside	07DEC11	Susp.Solids	178	10 mg/l, daily max.
Mountainside	07DEC11	Phosphorus	2.1	1 mg/l
Mountainside	07DEC11	BOD	100	50 Action Level>50 mg/l
Mountainside	21DEC11	Susp.Solids	240	10 mg/l, daily max.
Mountainside	21DEC11	Phosphorus	4.441	1 mg/l
Mountainside	21DEC11	BOD	141	50 Action Level>50 mg/l
Roxbury	07DEC11	Chlor.Res.-Effl.	2.18	0.1 mg/l
Stamford	29DEC11	Flow	0.836	0.5 MGD,30-day A.M.
WestDel BOCES	28DEC11	Phosphorus	1.174	1 mg/l

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. Fcoli code TNTC means too numerous to count.

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
19OCT11		no violations	
26OCT11		no violations	

Elka Park (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
02NOV11		no violations	

Grand Gorge (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
04OCT11		no violations	
05OCT11		no violations	
11OCT11		no violations	
12OCT11		no violations	
18OCT11		no violations	
19OCT11		no violations	

Grand Gorge (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
01NOV11		no violations	
02NOV11		no violations	
15NOV11		no violations	
16NOV11		no violations	
06DEC11		no violations	
07DEC11		no violations	
20DEC11		no violations	
21DEC11		no violations	

Hunter Highlands (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
12OCT11		no violations	
19OCT11		no violations	

Hunter Highlands (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
02NOV11		no violations	
07DEC11		no violations	

Hunter Village (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
12OCT11	pH	5.9	6 - 9
19OCT11		no violations	

Hunter Village (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
02NOV11		no violations	
16NOV11		no violations	
14DEC11		no violations	
21DEC11	Tot. Chlor. Res.	0.34	0.24 mg/l

Olive Woods

date	Parameter	SPDES Violation	SPDES Limit
12OCT11		no violations	
02NOV11		no violations	

Pine Hill (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
04OCT11		no violations	
05OCT11		no violations	
11OCT11		no violations	
12OCT11		no violations	
18OCT11		no violations	
19OCT11		no violations	

Pine Hill (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
01NOV11		no violations	
02NOV11		no violations	
15NOV11		no violations	
16NOV11		no violations	
06DEC11		no violations	
07DEC11		no violations	
20DEC11		no violations	
21DEC11		no violations	

Prattsville WTP

date	Parameter	SPDES Violation	SPDES Limit
12OCT11		no violations	
19OCT11		no violations	
09NOV11		no violations	
16NOV11		no violations	
07DEC11		no violations	
14DEC11		no violations	

Tannersville (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
04OCT11		no violations	
05OCT11		no violations	
11OCT11		no violations	
12OCT11		no violations	
18OCT11		no violations	
19OCT11		no violations	

Tannersville (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
01NOV11		no violations	
02NOV11		no violations	
15NOV11		no violations	
16NOV11		no violations	
06DEC11		no violations	
07DEC11		no violations	
20DEC11		no violations	
21DEC11		no violations	

Windham (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
19OCT11		no violations	
26OCT11		no violations	

Windham (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
09NOV11		no violations	
07DEC11		no violations	
14DEC11		no violations	

Delaware District:

Andes (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
12OCT11		no violations	
26OCT11		no violations	

Andes (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
09NOV11		no violations	
22NOV11		no violations	
14DEC11		no violations	

Delhi WWTP (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
12OCT11		no violations	
26OCT11	Flow	0.861	0.815 MGD, 30-day A.M.

Delhi WWTP (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
09NOV11		no violations	
22NOV11		no violations	
14DEC11	Flow	0.82	0.815 MGD, 30-day A.M.
28DEC11		no violations	

Fleischmanns WWTP

date	Parameter	SPDES Violation	SPDES Limit
05OCT11		no violations	
26OCT11		no violations	
01NOV11		no violations	
16NOV11		no violations	
07DEC11		no flow, no sample	
21DEC11		no violations	
29DEC11		no violations	

Grahamsville WWTP (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
05OCT11		no violations	

Grahamsville WWTP (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
01NOV11		no violations	
07DEC11		no violations	

Hobart (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
05OCT11		no violations	
19OCT11		no violations	

Hobart (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
01NOV11		no violations	
16NOV11		no violations	
07DEC11		no flow, no sample	
21DEC11		no violations	
29DEC11		no violations	

Margaretville

date	Parameter	SPDES Violation	SPDES Limit
04OCT11		no violations	
05OCT11		no violations	
11OCT11		no violations	
12OCT11		no violations	
18OCT11		no violations	
19OCT11		no violations	
01NOV11		no violations	
02NOV11		no violations	
15NOV11		no violations	
16NOV11		no violations	
06DEC11		no violations	
07DEC11		no violations	
20DEC11		no violations	
21DEC11		no violations	

Margaretville--% removals

date	Parameter	SPDES Violation	SPDES Limit
04OCT11		% removals okay	
11OCT11		% removals okay	
18OCT11		% removals okay	
01NOV11		% removals okay	
15NOV11		% removals okay	
06DEC11		% removals okay	
20DEC11		% removals okay	

Mountainside Farms - Delaware County Dairies

date	Parameter	SPDES Violation	SPDES Limit
05OCT11	Suspended Solids	32.7	10 mg/l, daily max.
05OCT11	Phosphorus	1.873	1 mg/l, 30-day A.M.
19OCT11	pH	6.45	6.5 - 8.5
19OCT11	Suspended Solids	20	10 mg/l, daily max.
09NOV11		no violations	
22NOV11	Suspended Solids	56.4	10 mg/l, daily max.
22NOV11	Phosphorus	1.308	1 mg/l, 30-day A.M.
01DEC11	Suspended Solids	36	10 mg/l, daily max.
01DEC11	BOD	77.3	50 Action Level > 50 mg/l
07DEC11	Suspended Solids	178	10 mg/l, daily max.
07DEC11	Phosphorus	2.1	1 mg/l, 30-day A.M.
07DEC11	BOD	100	50 Action Level > 50 mg/l
21DEC11	Suspended Solids	240	10 mg/l, daily max.
21DEC11	Phosphorus	4.441	1 mg/l, 30-day A.M.
21DEC11	BOD	141	50 Action Level > 50 mg/l

Roxbury Run (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
05OCT11		no violations	
19OCT11		no violations	

Roxbury Run (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
01NOV11		no violations	
16NOV11		no violations	
07DEC11	Chlor.Res.-Effl.	2.18	0.1 mg/l, daily max.
21DEC11		no violations	
29DEC11		no violations	

Stamford WWTP

date	Parameter	SPDES Violation	SPDES Limit
05OCT11		no violations	
19OCT11		no violations	
01NOV11		no violations	
16NOV11		no violations	
01DEC11		no violations	
07DEC11		no flow, no sample	
21DEC11		no violations	
29DEC11	Flow	0.836	0.5 MGD, 30-day A.M.

Walton WWTP

date	Parameter	SPDES Violation	SPDES Limit
12OCT11		no violations	
26OCT11		no violations	
09NOV11		no violations	
22NOV11		no violations	
14DEC11		no violations	
28DEC11		no violations	

West Delaware BOCES

date	Parameter	SPDES Violation	SPDES Limit
12OCT11		no violations	
26OCT11		no violations	
09NOV11		no violations	
22NOV11		no violations	
14DEC11		no violations	
28DEC11	Total Phosphorus	1.174	1 mg/l 30-day A.M.

Section 2

CATSKILL DISTRICT

P L O A b N s T	C O L L E C T	T E M P	P H	D O	T U R B	B O D 5	B O D 5	S L D S	S L D S	T H P	N H 3	S E T F C C O O L D E I	
												C	F
1	BOICEVILLE WTP	19OCT2011	18.0	7.31	9.4	0.20	. -3	-1.0	-0.1	0.139	-0.200	-0.04	-1
2	BOICEVILLE WTP	26OCT2011	17.9	8.15	9.6	0.35	. -3	-1.0	-0.1	0.138	0.220	0.05	-1
3	BOICEVILLE WTP	02NOV2011	insufficient Flow or Elev										
4	BOICEVILLE WTP	09NOV2011	insufficient Flow or Elev										
5	BOICEVILLE WTP	01DEC2011	insufficient Flow or Elev										
6	BOICEVILLE WTP	07DEC2011	insufficient Flow or Elev										
7	ELKA PARK	05OCT2011	insufficient Flow or Elev										
8	ELKA PARK	12OCT2011	insufficient Flow or Elev										
9	ELKA PARK	09NOV2011	insufficient Flow or Elev										
10	ELKA PARK	07DEC2011	insufficient Flow or Elev										
11	ELKA PARK	14DEC2011	insufficient Flow or Elev										
12	ELKA PARK	02NOV2011	10.0	7.73	10.7	-0.10	. -3	-1.0	-0.1	0.126	-0.200	-0.04	-1
13	GRAND GORGE	04OCT2011	.	.	.	.	. -3	-1.0	.	0.042	-0.200	.	.
14	GRAND GORGE	05OCT2011	.	.	.	.	.	.	.	.	.	.	-1
15	GRAND GORGE	11OCT2011	.	.	.	.	. -3	-1.0	.	0.025	-0.200	.	.
16	GRAND GORGE	12OCT2011	.	.	.	.	.	.	.	.	.	.	-1
17	GRAND GORGE	18OCT2011	.	.	.	.	. -3	-1.0	.	0.023	-0.200	.	.
18	GRAND GORGE	19OCT2011	.	.	.	.	.	.	.	.	.	.	-1
19	GRAND GORGE	01NOV2011	.	.	.	.	. -3	-1.0	.	0.028	-0.200	.	.
20	GRAND GORGE	02NOV2011	.	.	.	.	.	.	.	.	.	.	-1
21	GRAND GORGE	15NOV2011	.	.	.	.	. -3	-1.0	.	0.010	-0.200	.	.
22	GRAND GORGE	16NOV2011	.	.	.	.	.	.	.	.	.	.	-1
23	GRAND GORGE	06DEC2011	.	.	.	.	. -3	-1.0	.	0.025	-0.200	.	.
24	GRAND GORGE	07DEC2011	.	.	.	.	.	.	.	.	.	.	-1
25	GRAND GORGE	20DEC2011	.	.	.	.	. -3	-1.0	.	0.017	-0.200	.	.
26	GRAND GORGE	21DEC2011	.	.	.	.	.	.	.	.	.	.	-1
27	HUNTER HIGHLANDS	12OCT2011	16.2	7.53	9.5	0.10	. -3	-1.0	-0.1	0.008	-0.200	-0.04	-1
28	HUNTER HIGHLANDS	19OCT2011	14.2	7.60	9.9	0.15	. -3	-1.0	-0.1	0.007	-0.200	-0.04	-1
29	HUNTER HIGHLANDS	02NOV2011	11.7	7.46	10.6	0.15	. -3	-1.0	-0.1	0.007	-0.200	0.04	-1
30	HUNTER HIGHLANDS	09NOV2011	insufficient Flow or Elev										

Section 2

CATSKILL DISTRICT

P L O A b N s T	C L E C T	T E M P	P H	D O	T B U R B	B O D 5	B O D 5	S L D S	S L D S	T N H 3	C E N F F	T R E F I	F C O L D E
31	HUNTER HIGHLANDS	07DEC2011	10.3	7.67	10.7	0.15	. -3	-1.0	-0.1	0.006	-0.200	-0.04	-1
32	HUNTER HIGHLANDS	14DEC2011	insufficient Flow or Elev										
33	HUNTER WTP	12OCT2011	16.7	5.90	9.3	0.15	-3	-1.0	-0.1	0.007	0.734	-0.04	-1
34	HUNTER WTP	19OCT2011	14.9	6.76	.	0.15	-3	-1.0	-0.1	0.022	-0.200	-0.04	-1
35	HUNTER WTP	02NOV2011	12.2	7.00	.	0.30	-3	-1.0	-0.1	0.016	-0.200	-0.04	-1
36	HUNTER WTP	16NOV2011	11.9	7.04	.	0.40	-3	-1.0	-0.1	0.030	-0.200	-0.04	-1
37	HUNTER WTP	14DEC2011	9.0	6.83	.	0.10	-3	-1.0	-0.1	0.010	-0.200	0.18	-1
38	HUNTER WTP	21DEC2011	7.5	6.52	.	0.15	-3	-1.0	-0.1	0.015	-0.200	0.34	-1
39	OLIVE WOODS	05OCT2011	insufficient Flow or Elev										
40	OLIVE WOODS	12OCT2011	17.5	8.14	9.2	0.10	. -3	-1.0	-0.1	0.055	-0.200	-0.04	-1
41	OLIVE WOODS	02NOV2011	13.2	7.93	10.2	0.10	. -3	-1.0	-0.1	0.010	-0.200	-0.04	-1
42	OLIVE WOODS	16NOV2011	insufficient Flow or Elev										
43	OLIVE WOODS	01DEC2011	insufficient Flow or Elev										
44	OLIVE WOODS	07DEC2011	insufficient Flow or Elev										
45	PINE HILL	04OCT2011	.	.	.	.	-3	-1.1	.	-0.005	-0.200	.	.
46	PINE HILL	05OCT2011	.	.	.	.	.	.	.	.	.	.	-1
47	PINE HILL	11OCT2011	.	.	.	.	-3	-1.1	.	-0.005	-0.200	.	.
48	PINE HILL	12OCT2011	.	.	.	.	.	.	.	.	.	.	-1
49	PINE HILL	18OCT2011	.	.	.	.	-3	-1.0	.	-0.005	-0.200	.	.
50	PINE HILL	19OCT2011	.	.	.	.	.	.	.	.	.	.	-1
51	PINE HILL	01NOV2011	.	.	.	.	-3	-1.0	.	-0.005	-0.200	.	.
52	PINE HILL	02NOV2011	.	.	.	.	.	.	.	.	.	.	-1
53	PINE HILL	15NOV2011	.	.	.	.	-3	-1.0	.	-0.005	-0.200	.	.
54	PINE HILL	16NOV2011	.	.	.	.	.	.	.	.	.	.	-1
55	PINE HILL	06DEC2011	.	.	.	.	-3	-1.0	.	-0.005	-0.200	.	.
56	PINE HILL	07DEC2011	.	.	.	.	.	.	.	.	.	.	-1
57	PINE HILL	20DEC2011	.	.	.	.	-3	-1.0	.	0.005	-0.200	.	.
58	PINE HILL	21DEC2011	.	.	.	.	.	.	.	.	.	.	-1

Section 2

CATSKILL DISTRICT

P L O A b N s T	C O L L E C T	T E M P E R A T U R E	P R E C I P I T A T I O N	D I S S I M I L I T Y	R E S I D U A L	B I O G E O G R A P H Y	B I O G E O G R A P H Y	S O I L S	S O I L S	T O T A L	N U M B E R	H E A D	F E E T	F E E T
59	PRATTSVILLE	WTP	12OCT2011	18.1	7.47	.	0.10	-.3	-1.0	-0.1	.	.	-0.04	-1
60	PRATTSVILLE	WTP	12OCT2011	.	.	.	.	.	.	.	0.291	.	.	.
61	PRATTSVILLE	WTP	19OCT2011	16.9	7.45	.	0.10	-.3	-1.0	-0.1	0.314	.	-0.04	-1
62	PRATTSVILLE	WTP	09NOV2011	15.1	7.47	.	0.15	-.3	-1.0	-0.1	0.167	.	0.04	-1
63	PRATTSVILLE	WTP	16NOV2011	14.6	7.43	.	0.20	-.3	-1.0	-0.1	0.227	.	-0.04	-1
64	PRATTSVILLE	WTP	07DEC2011	14.1	7.39	8.9	0.20	-.3	-1.0	-0.1	.	.	-0.04	-1
65	PRATTSVILLE	WTP	07DEC2011	.	.	.	.	.	.	.	0.265	.	.	.
66	PRATTSVILLE	WTP	14DEC2011	12.6	7.38	.	0.10	-.3	-1.0	-0.1	0.264	.	-0.04	-1
67	TANNERSVILLE		04OCT2011	.	.	.	.	-.3	-1.0	.	0.046	-0.200	.	.
68	TANNERSVILLE		05OCT2011	.	.	.	.	.	.	.	.	.	.	-1
69	TANNERSVILLE		11OCT2011	.	.	.	.	-.3	-1.0	.	0.069	-0.200	.	.
70	TANNERSVILLE		12OCT2011	.	.	.	.	.	.	.	.	.	.	-1
71	TANNERSVILLE		18OCT2011	.	.	.	.	-.3	-1.0	.	0.065	0.463	.	.
72	TANNERSVILLE		19OCT2011	.	.	.	.	.	.	.	.	.	.	-1
73	TANNERSVILLE		01NOV2011	.	.	.	.	-.3	-1.0	.	0.081	-0.200	.	.
74	TANNERSVILLE		02NOV2011	.	.	.	.	.	.	.	.	.	.	-1
75	TANNERSVILLE		15NOV2011	.	.	.	.	-.3	-1	.	0.073	-0.2	.	.
76	TANNERSVILLE		16NOV2011	.	.	.	.	-.3	-1	.	0.087	-0.2	.	-1
77	TANNERSVILLE		06DEC2011	.	.	.	.	.	.	.	.	.	.	3
78	TANNERSVILLE		07DEC2011	.	.	.	.	.	.	.	.	.	.	3
79	TANNERSVILLE		20DEC2011	.	.	.	.	-.3	-1	.	0.039	-0.2	.	.
80	TANNERSVILLE		21DEC2011	.	.	.	.	.	.	.	.	.	.	4
81	WINDHAM	WTP	19OCT2011	14.4	7.12	9.2	0.15	-.3	-1	-0.1	0.011	-0.2	-0.04	-1
82	WINDHAM	WTP	26OCT2011	13.5	6.82	7.9	0.15	-.3	-1	-0.1	0.014	-0.2	-0.04	-1
83	WINDHAM	WTP	09NOV2011	12.3	7.10	9.9	0.30	-.3	-.1	-0.1	0.013	.	-0.04	-1
84	WINDHAM	WTP	16NOV2011	11.8	7.17	10.1	0.20	-.3	-.1	0.1	0.020	.	-0.04	-1
85	WINDHAM	WTP	07DEC2011	10.8	6.89	10.0	0.25	-.3	-.1	-0.1	0.007	.	-0.04	-1
86	WINDHAM	WTP	14DEC2011	8.5	7.00	10.8	0.10	-.3	-.1	-0.1	0.008	.	-0.04	-1

Section 2

DELAWARE DISTRICT

P L O A b N s T	C L E C T	F L O W	T E M P P	8.35	9.4	0.25	-3	.	-1.0	-0.1	0.040	-0.200	.	-1	S U S E T F	
															C P L D S	F C O D I
1 ANDES	12OCT2011	0.019	20.4	8.35	9.4	0.25	-3	.	-1.0	-0.1	0.040	-0.200	.	-1		
2 ANDES	26OCT2011	0.020	19.7	8.28	9.7	0.40	-3	.	-1.0	-0.1	0.043	-0.200	.	1		
3 ANDES	09NOV2011	0.021	17.3	.	11.7	0.30	-3	.	-1.0	-0.1	0.038	-0.200	.	-1		
4 ANDES	22NOV2011	0.023	16.6	8.24	8.2	0.35	-3	.	-1.0	-0.1	0.046	-0.200	.	-1		
5 ANDES	14DEC2011	0.030	14.1	8.23	10.8	0.25	-3	.	-1.0	-0.1	0.028	-0.200	.	-1		
6 ANDES	28DEC2011	0.030	13.5	8.28	.	1.00	-3	.	2.1	0.1	0.032	-0.200	.	-1		
7 DELHI	12OCT2011	0.790	20.5	7.41	7.5	1.10	.	3.3	8.1	-0.1	0.009	-0.200	-0.04	-1		
8 DELHI	26OCT2011	0.861	18.6	7.39	8.3	0.30	.	3.7	-1.0	-0.1	0.013	-0.200	-0.04	-1		
9 DELHI	09NOV2011	0.646	14.9	.	10.0	0.65	.	4.0	1.2	0.1	0.009	0.750	-0.04	-1		
10 DELHI	22NOV2011	0.760	15.2	7.27	6.6	0.20	.	3.6	-1.0	-0.1	0.008	-0.200	-0.04	-1		
11 DELHI	14DEC2011	0.820	12.7	7.10	9.2	0.30	.	-3.0	-1.0	-0.1	0.011	-0.200	-0.04	-1		
12 DELHI	28DEC2011	0.702	11.3	7.30	.	0.25	.	3.7	-1.0	-0.1	0.010	-0.200	-0.04	-1		
13 FLEISCHMANN	05OCT2011	0.042	15.0	7.24	10.8	0.25	.	-3.0	-1.0	-0.1	0.013	0.322	0.04	-1		
14 FLEISCHMANN	26OCT2011	0.031	13.3	7.37	10.2	0.10	.	-3.0	-1.0	-0.1	0.012	-0.200	-0.04	-1		
15 FLEISCHMANN	01NOV2011	0.034	11.4	7.33	11.6	0.40	.	-3.0	-1.0	-0.1	0.012	-0.200	-0.04	-1		
16 FLEISCHMANN	16NOV2011	.	.	.	.	0.35	.	-3.0	-1.0	-0.1	0.017	-0.200	-0.04	.		
17 FLEISCHMANN	16NOV2011	0.030	11.7	.	9.9	0.30	.	-3.0	-1.0	-0.1	0.019	-0.200	0.04	-1		
18 FLEISCHMANN	07DEC2011	0.000	10.3	7.49	10.2	0.40	.	-3.0	-1.0	-0.1	0.011	-0.200	-0.04	-1		
19 FLEISCHMANN	21DEC2011	0.030	8.3	7.53	11.4	0.15	.	-3.0	-1.0	-0.1	0.011	-0.200	-0.04	.		
20 FLEISCHMANN	29DEC2011	0.031	.	.	.	.	.	.	.	.	.	.	-0.04	-1		
21 GRAHAMSVILLE	05OCT2011	.	.	.	.	0.15	.	-3.0	-1.0	.	0.018	-0.200	.	.		
22 GRAHAMSVILLE	05OCT2011	.	.	.	.	.	.	.	.	.	.	.	.	-1		
23 GRAHAMSVILLE	01NOV2011	.	.	.	.	0.20	.	-3.0	-1.0	.	0.016	-0.200	.	.		
24 GRAHAMSVILLE	01NOV2011	.	.	.	.	.	.	.	.	.	.	.	.	-1		
25 GRAHAMSVILLE	07DEC2011	.	.	.	.	0.15	.	-3.0	-1.0	.	0.012	-0.200	.	.		
26 GRAHAMSVILLE	07DEC2011	.	.	.	.	.	.	.	.	.	.	.	.	-1		
27 HOBART	05OCT2011	0.084	18.2	6.59	6.7	0.10	.	-3.0	-1.0	-0.1	0.025	-0.200	-0.04	-1		
28 HOBART	19OCT2011	0.077	17.4	6.60	5.6	0.20	.	-3.0	-1.0	-0.1	0.019	-0.200	-0.04	-1		
29 HOBART	01NOV2011	0.076	15.1	6.89	8.2	0.80	.	-3.0	-1.0	-0.1	0.019	-0.200	-0.04	-1		

All data are provisional.

Section 2

DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
30	HOBART	16NOV2011	0.073	15.0	.	7.0	0.15	.
31	HOBART	07DEC2011	0.000	14.2	6.65	7.9	0.30	.
32	HOBART	21DEC2011	0.092	12.3	7.02	6.5	0.10	.
33	HOBART	29DEC2011	0.094	.	.	.	.	.
34	MARGARETVILLE	04OCT2011	.	.	.	.	.	.
35	MARGARETVILLE	05OCT2011	.	.	.	.	.	.
36	MARGARETVILLE	11OCT2011	.	.	.	.	.	.
37	MARGARETVILLE	12OCT2011	.	.	.	.	.	.
38	MARGARETVILLE	18OCT2011	.	.	.	.	.	.
39	MARGARETVILLE	19OCT2011	.	.	.	.	.	.
40	MARGARETVILLE	01NOV2011	.	.	.	.	.	.
41	MARGARETVILLE	02NOV2011	.	.	.	.	.	.
42	MARGARETVILLE	15NOV2011	.	.	.	.	.	.
43	MARGARETVILLE	16NOV2011	.	.	.	.	.	.
44	MARGARETVILLE	06DEC2011	.	.	.	.	.	.
45	MARGARETVILLE	07DEC2011	.	.	.	.	.	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
30	-3	-1.0	-0.1	0.024	-0.2	-0.04	-1	
31	-3	-1.0	-0.1	0.011	-0.2	-0.04	-1	
32	-3	-1.0	-0.1	0.015	-0.2	-0.04	.	
33	.	.	.	.	.	-0.04	-1	
34	-3	-1.0	.	0.353	-0.2	.	.	
35	.	.	.	.	.	.	-1	
36	-3	-1.0	.	0.214	-0.2	.	.	
37	-1	
38	-3	-1.0	.	0.197	-0.2	.	.	
39	-1	
40	-3	-1.0	.	0.146	-0.2	.	.	
41	-1	
42	-3	-1.0	.	0.151	-0.2	.	.	
43	-1	
44	-3	-1.0	.	0.133	-0.2	.	.	
45	-1	

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DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
46	MARGARETVILLE	20DEC2011
47	MARGARETVILLE	21DEC2011	.	.	.	.	.	.
48	MOUNTAINSIDE FARMS	05OCT2011	0.032	14.9	6.62	5.2	13.00	13.1
49	MOUNTAINSIDE FARMS	19OCT2011	0.036	12.5	6.45	7.8	5.60	10.0
50	MOUNTAINSIDE FARMS	09NOV2011	0.036	11.2	.	8.6	3.30	21.9
51	MOUNTAINSIDE FARMS	09NOV2011	0.036	.	.	.	.	.
52	MOUNTAINSIDE FARMS	22NOV2011	0.014	9.6	6.92	6.2	17.00	36.3
53	MOUNTAINSIDE FARMS	01DEC2011	.	.	.	.	12.00	77.3
54	MOUNTAINSIDE FARMS	07DEC2011	.	11.8	7.11	6.4	50.00	100.0
55	MOUNTAINSIDE FARMS	21DEC2011	0.034	5.6	7.16	7.6	110.00	141.0
56	ROXBURY	05OCT2011	0.011	14.6	7.50	10.3	0.30	.
57	ROXBURY	05OCT2011	.	.	.	.	.	.
58	ROXBURY	19OCT2011	0.007	13.4	7.48	10.2	1.50	.
59	ROXBURY	01NOV2011	0.007	8.8	7.06	12.0	0.85	.
60	ROXBURY	16NOV2011	0.008	9.8	.	10.8	0.90	.
61	ROXBURY	07DEC2011	0.000	7.9	7.87	12.0	0.45	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
46	-3	-1.0	.	0.141	-0.20	.	.	.
47	.	.	.	.	.	.	-1	.
48	.	32.7	.	1.873	.	.	.	.
49	.	20.0	.	0.554	.	.	.	.
50	.	9.7	.	.	.	.	.	.
51	.	.	.	0.456	.	.	.	.
52	.	56.4	.	1.308	.	.	.	.
53	.	36.0	.	0.763	.	.	.	.
54	.	178.0	.	2.100	.	.	.	.
55	.	240.0	.	4.441	.	.	.	.
56	-3	-1.0	-0.1	.	-0.20	-0.04	-1	.
57	.	.	.	0.208	.	.	.	.
58	-3	-1.0	-0.1	0.178	-0.20	-0.04	-1	.
59	-3	-1.0	-0.1	0.201	-0.20	-0.04	1	.
60	-3	-1.0	-0.1	0.194	-0.20	-0.04	-1	.
61	-3	-1.0	-0.1	0.190	-0.20	2.18	-1	.

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DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
62	ROXBURY	21DEC2011	0.009	5.3	7.50	11.9	0.35	.
63	ROXBURY	29DEC2011	0.021	.	.	.	.	.
64	STAMFORD	05OCT2011	0.352	15.8	6.59	8.5	0.40	.
65	STAMFORD	19OCT2011	0.324	14.5	6.73	9.3	0.55	.
66	STAMFORD	01NOV2011	0.373	12.4	6.68	10.6	0.35	.
67	STAMFORD	16NOV2011	0.031	12.7	.	9.4	0.20	.
68	STAMFORD	01DEC2011	.	.	.	.	0.10	.
69	STAMFORD	07DEC2011	0.000	11.4	6.74	10.0	0.20	.
70	STAMFORD	21DEC2011	0.440	10.2	6.86	10.6	0.15	.
71	STAMFORD	29DEC2011	0.836	.	.	.	.	.
72	WALTON	12OCT2011	1.414	20.9	7.87	7.9	0.40	.
73	WALTON	26OCT2011	1.405	19.0	7.88	9.3	0.25	.
74	WALTON	09NOV2011	1.306	18.9	.	10.0	1.00	.
75	WALTON	22NOV2011	1.160	16.8	7.69	6.3	2.80	.
76	WALTON	14DEC2011	1.410	12.9	7.59	10.4	0.20	.
77	WALTON	28DEC2011	1.515	12.6	7.42	.	0.30	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
62	-3	-1.0	-0.1	0.174	-0.20	-0.04	.	.
63	.	.	.	.	.	0.04	-1	.
64	-3	-1.0	-0.1	0.012	-0.20	-0.04	15	.
65	-3	-1.0	-0.1	0.016	-0.20	-0.04	1	.
66	-3	-1.0	-0.1	0.024	-0.20	-0.04	-1	.
67	-3	-1.0	-0.1	0.010	-0.20	-0.04	-1	.
68	-3	-1.0	-0.1	0.008	-0.20	-0.04	.	.
69	-3	-1.0	-0.1	0.007	-0.20	-0.04	-1	.
70	-3	-1.0	-0.1	0.007	-0.20	-0.04	.	.
71	.	.	.	.	.	-0.04	2	.
72	-3	-1.0	-0.1	0.011	-0.20	-0.04	-1	.
73	-3	-1.0	-0.1	0.008	-0.20	-0.04	-1	.
74	-3	-1.0	-0.1	0.009	-0.20	-0.04	-1	.
75	-3	-1.0	-0.1	0.006	-0.20	-0.04	-1	.
76	-3	-1.0	-0.1	0.010	0.33	-0.04	-1	.
77	-3	3.9	0.1	0.008	0.33	-0.04	-1	.

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DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
78	WEST DELAWARE BOCES	12OCT2011	0.001	18.7	7.71	5.5	0.15	.
79	WEST DELAWARE BOCES	26OCT2011	0.004	21.0	7.29	6.0	0.15	.
80	WEST DELAWARE BOCES	09NOV2011	0.003	15.0	.	7.1	0.25	.
81	WEST DELAWARE BOCES	22NOV2011	0.002	15.3	7.00	4.4	0.20	.
82	WEST DELAWARE BOCES	14DEC2011	0.004	13.3	6.86	7.3	0.15	.
83	WEST DELAWARE BOCES	28DEC2011	0.001	18.4	7.52	.	0.30	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
78	-3	-1.0	-0.1	0.185	-0.20	-0.04	-1	
79	-3	-1.0	-0.1	0.096	-0.20	-0.04	-1	
80	-3	-1.0	-0.1	0.445	-0.20	-0.04	-1	
81	-3	-1.0	-0.1	0.202	-0.20	-0.04	-1	
82	-3	-1.0	-0.1	0.056	-0.20	-0.04	-1	
83	-3	-1.0	-0.1	1.174	0.22	-0.04	-1	