

*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 2012

July 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:

<u>Facility</u>	<u>Date</u>	<u>Parameter</u>	<u>Measurement</u>	<u>SPDES Limit</u>
Boiceville	18APR12	Chlor.Res.-Effl.	0.11	0.1 mg/l
Camp Timberlake	27JUN12	Dissolved Oxygen	6.6	7 mg/l, minimum
Grand Gorge	06JUN12	Fecal Coliforms	430	400 CFU 7-day G.M.
Windham	09MAY12	BOD5	19.9	8 mg/l

Delaware District:

<u>Facility</u>	<u>Date</u>	<u>Parameter</u>	<u>Measurement</u>	<u>SPDES Limit</u>
Andes	23MAY12	Dissolved Oxygen	6.5	7 mg/l, minimum
Delhi	11APR12	Flow	0.9	0.815 MGD,30-day A.M.
Delhi	24APR12	Flow	0.9	0.815 MGD,30-day A.M.
Delhi	25APR12	Flow	0.836	0.815 MGD,30-day A.M.
Fleischmanns	30MAY12	Dissolved Oxygen	6.2	7 mg/l, minimum
Fleischmanns	20JUN12	Dissolved Oxygen	5.3	7 mg/l, minimum
Mountainside	04APR12	Susp.Solids	59	30 mg/l, daily max.
Mountainside	18APR12	Susp.Solids	31.6	30 mg/l, daily max.
Roxbury Run	16MAY12	Flow	0.052	0.035 MGD,30-day A.M.
WestDel BOCES	13JUN12	pH	6.36	6.5 - 8.5

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:

Ashland WTP

date	Parameter	SPDES Violation	SPDES Limit
18APR12		no violations	
09MAY12		no violations	
23MAY12		no violations	
12JUN12		no violations	
13JUN12		no violations	
27JUN12		no violations	

Boiceville WWTP

date	Parameter	SPDES Violation	SPDES Limit
18APR12	Chlor.Res.-Effl.	0.11	0.1 mg/l, but UV is primary disinfectant
10MAY12		no violations	
14JUN12		no violations	
27JUN12		no violations	

Camp Timberlake - seasonal facility

date	Parameter	SPDES Violation	SPDES Limit
20JUN12		no violations	
27JUN12	Dissolved Oxygen	6.6	7 mg/l, minimum

Elka Park (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
18APR12		no violations	
01MAY12		no violations	

Elka Park (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
13JUN12		no violations	

Grand Gorge (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
03APR12		no violations	
04APR12		no violations	
17APR12		no violations	
18APR12		no violations	
01MAY12		no violations	
02MAY12		no violations	
15MAY12		no violations	
16MAY12		no violations	

Grand Gorge (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
05JUN12		no violations	
06JUN12	Fecal Coliforms	430	400 CFU 7-day G.M.
11JUN12		no violations	
19JUN12		no violations	
20JUN12		no violations	
27JUN12		no violations	

Hunter Highlands (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
09MAY12		no violations	
16MAY12		no violations	

Hunter Highlands (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
13JUN12		no violations	

Hunter Village (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
03APR12		no violations	
04APR12		no violations	
11APR12		no violations	
09MAY12		no violations	
16MAY12		no violations	

Hunter Village (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
05JUN12		no violations	
13JUN12		no violations	

Olive Woods

date	Parameter	SPDES Violation	SPDES Limit
01MAY12		no violations	
16MAY12		no violations	

Pine Hill (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
03APR12		no violations	
04APR12		no violations	
17APR12		no violations	
18APR12		no violations	
01MAY12		no violations	
02MAY12		no violations	
15MAY12		no violations	
16MAY12		no violations	

Pine Hill (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
05JUN12		no violations	
06JUN12		no violations	
19JUN12		no violations	
20JUN12		no violations	

Prattsville WTP

date	Parameter	SPDES Violation	SPDES Limit
04APR12		no violations	
11APR12		no violations	
25APR12		no violations	
09MAY12		no violations	
16MAY12		no violations	
13JUN12		no violations	
27JUN12		no violations	

Tannersville (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
03APR12		no violations	
04APR12		no violations	
17APR12		no violations	
18APR12		no violations	
01MAY12		no violations	
02MAY12		no violations	
15MAY12		no violations	
16MAY12		no violations	

Tannersville (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
05JUN12		no violations	
06JUN12		no violations	
19JUN12		no violations	
20JUN12		no violations	
21JUN12		no violations	

Windham (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
11APR12		no violations	
18APR12		no violations	
09MAY12	BOD5	19.9	8 mg/l
16MAY12		no violations	
23MAY12		no violations	

Windham (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
13JUN12		no violations	
20JUN12		no violations	

Delaware District:

Andes (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
11APR12		no violations	
25APR12		no violations	
09MAY12		no violations	
23MAY12	Dissolved Oxygen	6.5	7 mg/l, min.

Andes (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
13JUN12		no violations	
18JUN12		no violations	
27JUN12		no violations	

Delhi WWTP (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
11APR12	Flow	0.9	0.815 MGD, 30-day A.M.
24APR12	Flow	0.9	0.815 MGD, 30-day A.M.
25APR12	Flow	0.836	0.815 MGD, 30-day A.M.
09MAY12		no violations	
23MAY12		no violations	
30MAY12		no violations	

Delhi WWTP (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
13JUN12		no violations	
27JUN12		no violations	

Fleischmanns WWTP

date	Parameter	SPDES Violation	SPDES Limit
04APR12		no violations	
18APR12		no violations	
02MAY12		no violations	
30MAY12	Dissolved Oxygen	6.2	7 mg/l, minimum
06JUN12		no violations	
18JUN12		no violations	
20JUN12	Dissolved Oxygen	5.3	7 mg/l, minimum

Grahamsville WWTP (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
04APR12		no violations	
02MAY12		no violations	

Grahamsville WWTP (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06JUN12		no violations	

Hobart (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
04APR12		no violations	
18APR12		no violations	
02MAY12		no violations	
16MAY12		no violations	
30MAY12		no flow, no sample	

Hobart (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06JUN12		no violations	
20JUN12		no violations	

Margaretville

date	Parameter	SPDES Violation	SPDES Limit
03APR12		no violations	
04APR12		no violations	
17APR12		no violations	
18APR12		no violations	
01MAY12		no violations	
02MAY12		no violations	
15MAY12		no violations	
16MAY12		no violations	
05JUN12		no violations	
06JUN12		no violations	
19JUN12		no violations	
20JUN12		no violations	

Margaretville--% removals

date	Parameter	SPDES Violation	SPDES Limit
03APR12		% removals okay	
17APR12		% removals okay	
01MAY12		% removals okay	
15MAY12		% removals okay	
05JUN12		% removals okay	
19JUN12		% removals okay	

Mountainside Farms - Delaware County Dairies

date	Parameter	SPDES Violation	SPDES Limit
04APR12	Suspended Solids	59	30 mg/l, daily max.
18APR12	Suspended Solids	31.6	30 mg/l, daily max.
02MAY12		no violations	
16MAY12		no violations	
23MAY12		no violations	
06JUN12		no violations	
20JUN12		no violations	

Roxbury Run (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
04APR12		no violations	
18APR12		no violations	
02MAY12		no violations	
16MAY12	Flow	0.052	0.035 MGD, 30-day A.M.

Roxbury Run (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06JUN12		no violations	
20JUN12		no violations	

Stamford WWTP

date	Parameter	SPDES Violation	SPDES Limit
04APR12		no violations	
18APR12		no violations	
02MAY12		no violations	
16MAY12		no violations	
23MAY12		no violations	
06JUN12		no violations	
12JUN12		no violations	
20JUN12		no violations	

Walton WWTP

date	Parameter	SPDES Violation	SPDES Limit
11APR12		no violations	
24APR12		no violations	
25APR12		no violations	
09MAY12		no violations	
23MAY12		no violations	
30MAY12		no violations	
13JUN12		no violations	
27JUN12		no violations	

West Delaware BOCES

date	Parameter	SPDES Violation	SPDES Limit
11APR12		no violations	
24APR12		no violations	
25APR12		no violations	
09MAY12		no violations	
23MAY12		no violations	
13JUN12	pH	6.36	6.5 - 8.5
27JUN12		no violations	

Section 2

CATSKILL DISTRICT

P L O A b N s T	C O L	T E C T	P E M P	H D O	T U R B	B O D 5	B O D 5	S O D S	S L D S	T T P	N H 3	C E F F	F C O L D E	S U S E T F
														C P T S D S
1 ASHLAND WTP	18APR2012	13.4	6.81	7.3	0.10	-3	. -1	-0.1	0.035	2.17	-0.04	-1		
2 ASHLAND WTP	09MAY2012	10.5	7.05	9.1	-0.10	-3	. -1	-0.1	0.015	0.67	-0.04	-1		
3 ASHLAND WTP	23MAY2012	12.0	6.93	9.1	0.30	-3	. -1	-0.1	0.017	0.65	-0.04	-1		
4 ASHLAND WTP	12JUN2012	12.7	6.76	.	0.35	.	.	.	.	.	.	.	.
5 ASHLAND WTP	13JUN2012	13.9	6.95	8.7	0.10	-3	. -1	-0.1	0.024	0.46	-0.04	-1		
6 ASHLAND WTP	27JUN2012	21.8	6.87	8.5	0.20	-3	. -1	-0.1	0.039	0.34	0.05	-1		
7 BOICEVILLE WTP	18APR2012	15.7	7.68	10.2	0.50	. -3	-1	0.1	0.071	0.39	0.11	-1		
8 BOICEVILLE WTP	10MAY2012	17.0	7.78	10.0	0.50	. -3	-1	-0.1	0.060	0.24	0.04	-1		
9 BOICEVILLE WTP	14JUN2012	19.9	8.25	9.5	0.25	. -3	-1	-0.1	0.082	-0.20	0.05	3		
10 BOICEVILLE WTP	27JUN2012	20.8	7.83	8.7	0.20	. -3	-1	-0.1	0.092	0.24	0.04	-1		
11 CAMP TIMBERLAKE	20JUN2012	19.5	6.90	8.5	0.10	. -3	-2	.	0.223	-0.20	-0.04	-1		
12 CAMP TIMBERLAKE	27JUN2012	19.5	6.91	6.6	0.10	. -3	-1	-0.1	0.195	-0.20	-0.04	-1		
13 ELKA PARK	18APR2012	8.7	7.43	24.0	0.10	. -3	-1	-0.1	0.085	-0.20	-0.04	-1		
14 ELKA PARK	01MAY2012	8.9	7.67	10.7	0.20	. -3	-1	-0.1	0.096	-0.20	-0.04	-1		
15 ELKA PARK	13JUN2012	14.9	7.51	9.6	0.15	. -3	-1	-0.1	0.144	0.27	-0.04	-1		
16 GRAND GORGE	03APR2012	.	.	.	.	. -3	-1	.	0.015	-0.20	.	.	
17 GRAND GORGE	04APR2012	.	.	.	.	.	.	.	.	.	.	-1	
18 GRAND GORGE	17APR2012	.	.	.	.	. -3	-1	.	0.011	-0.20	.	.	
19 GRAND GORGE	18APR2012	.	.	.	.	.	.	.	.	.	.	-1	
20 GRAND GORGE	01MAY2012	.	.	.	.	. -3	-1	.	0.012	-0.20	.	.	
21 GRAND GORGE	02MAY2012	.	.	.	.	.	.	.	.	.	.	-1	
22 GRAND GORGE	15MAY2012	.	.	.	.	. -3	-1	.	0.037	-0.20	.	.	
23 GRAND GORGE	16MAY2012	.	.	.	.	.	.	.	.	.	.	-1	
24 GRAND GORGE	05JUN2012	.	.	.	.	. -3	-1	.	0.032	-0.20	.	.	
25 GRAND GORGE	06JUN2012	.	.	.	.	.	.	.	.	.	.	430	
26 GRAND GORGE	11JUN2012	.	.	.	.	.	.	.	.	.	.	-1	
27 GRAND GORGE	19JUN2012	.	.	.	.	. -3	-1	.	0.043	-0.20	.	.	
28 GRAND GORGE	20JUN2012	.	.	.	.	.	.	.	.	.	.	-1	
29 GRAND GORGE	27JUN2012	.	.	.	.	.	.	.	.	.	.	-1	

Section 2

CATSKILL DISTRICT

O b s	P L A N T	C O L L E C T I O N	T E M P E R A T U R E	P H O S P H O R E	D O S I S E	T O T A L	B O D Y	D I S S O L V E	S O L I D	S E L E C T	T E M P E R A T U R E	N U M B E R	F I E L D	F O O T C O U N T
59	PRATTSVILLE WTP	16MAY2012	14.8	7.14	7.7	0.10	.	-3.0	-1.0	-0.1	0.128	.	0.06	-1
60	PRATTSVILLE WTP	13JUN2012	16.8	7.25	8.2	0.10	.	-3.0	-1.0	-0.1	0.119	.	-0.04	-1
61	PRATTSVILLE WTP	27JUN2012	18.7	7.29	7.9	0.15	.	-3.0	-1.0	-0.1	0.165	.	0.25	-1
62	TANNERSVILLE	03APR2012	.	.	.	.	.	-3.0	-1.0	.	0.021	-0.20	.	.
63	TANNERSVILLE	04APR2012	.	.	.	.	.	.	.	.	.	.	.	-1
64	TANNERSVILLE	17APR2012	.	.	.	.	.	-3.0	-1.0	.	0.045	-0.20	.	.
65	TANNERSVILLE	18APR2012	.	.	.	.	.	.	.	.	.	.	.	-1
66	TANNERSVILLE	01MAY2012	.	.	.	.	.	-3.0	-1.1	.	0.031	-0.20	.	.
67	TANNERSVILLE	02MAY2012	.	.	.	.	.	.	.	.	.	.	.	-1
68	TANNERSVILLE	15MAY2012	.	.	.	.	.	-3.0	-1.0	.	0.060	-0.20	.	.
69	TANNERSVILLE	16MAY2012	.	.	.	.	.	.	.	.	.	.	.	-1
70	TANNERSVILLE	05JUN2012	.	.	.	.	.	-3.0	-1.0	.	0.043	-0.20	.	.
71	TANNERSVILLE	06JUN2012	.	.	.	.	.	.	.	.	.	.	.	-1
72	TANNERSVILLE	19JUN2012	.	.	.	.	.	-3.0	-1.0	.	0.069	-0.20	.	.
73	TANNERSVILLE	20JUN2012	.	.	.	.	.	.	.	.	.	.	.	-1
74	TANNERSVILLE	21JUN2012	.	.	.	.	.	.	.	.	.	-0.20	.	.
75	WINDHAM WTP	11APR2012	8.6	7.02	11.8	0.15	4.1	.	-1.0	-0.1	0.007	.	-0.04	-1
76	WINDHAM WTP	18APR2012	11.1	6.82	26.3	0.20	3.7	.	-1.0	-0.1	0.008	.	-0.04	-1
77	WINDHAM WTP	09MAY2012	12.6	7.43	9.9	0.35	19.9	.	-1.0	-0.1	0.028	.	-0.04	-1
78	WINDHAM WTP	16MAY2012	13.5	6.98	10.0	0.10	-3.0	.	-1.0	-0.1	0.010	.	-0.04	-1
79	WINDHAM WTP	23MAY2012	14.3	6.73	.	0.30	.	.	.	.	.	.	.	.
80	WINDHAM WTP	13JUN2012	16.2	6.81	9.2	0.10	.	-3.0	-1.0	-0.1	0.015	-0.20	-0.04	-1
81	WINDHAM WTP	20JUN2012	18.2	6.65	9.3	0.15	.	5.1	-1.0	-0.1	0.018	0.64	0.04	-1

Section 2

DELAWARE DISTRICT

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O A		E	L	E		U	O	O	L	L		N	E	O	O	
b N		C	O	M	P	D	R	D	D	D	T	H	F	L	D	
s T		T	W	P	H	O	B	5	5	S	S	P	3	F	I	E
1 ANDES	11APR2012	0.016	15.8	8.16	11.1	1.70	-3	.	-1.0	-0.1	0.039	-0.2	.	-1		
2 ANDES	25APR2012	0.022	16.4	8.23	11.8	0.35	-3	.	-1.0	-0.1	0.039	-0.2	.	-1		
3 ANDES	09MAY2012	0.017	17.6	8.39	10.8	0.30	-3	.	-1.0	-0.1	0.042	-0.2	.	-1		
4 ANDES	23MAY2012	0.020	18.4	8.23	6.5	0.30	-3	.	-1.0	-0.1	0.038	-0.2	.	-1		
5 ANDES	13JUN2012	0.014	20.0	8.33	9.4	0.20	-3	.	-1.0	-0.1	0.046	-0.2	.	-1		
6 ANDES	18JUN2012	.	20.4	8.33	.	0.95	.	.	.	.	.	.	.	.	.
7 ANDES	27JUN2012	0.017	20.2	8.44	9.2	0.15	-3	.	-1.0	-0.1	0.049	-0.2	.	-1		
8 DELHI	11APR2012	0.900	14.4	7.61	9.4	0.25	.	3.3	-1.0	-0.1	0.018	-0.2	-0.04	-1		
9 DELHI	24APR2012	0.900	15.0	7.40	9.1	.	.	-3.0	.	.	.	.	-0.04	.	
10 DELHI	25APR2012	0.836	14.9	7.30	9.6	1.40	.	-3.0	2.2	-0.1	0.011	-0.2	-0.04	-1		
11 DELHI	09MAY2012	0.634	16.2	7.05	9.1	0.40	.	4.1	1.1	-0.1	0.015	-0.2	-0.04	-1		
12 DELHI	23MAY2012	0.680	18.6	7.37	5.9	0.35	.	3.4	-1.0	-0.1	0.009	-0.2	-0.04	-1		
13 DELHI	30MAY2012	0.000	.	.	.	0.45	.	-3.0	-1.0	-0.1	0.013	-0.2	-0.04	.		
14 DELHI	13JUN2012	0.625	20.1	7.70	8.2	0.55	.	3.7	2.2	-0.1	0.015	-0.2	-0.04	-1		
15 DELHI	27JUN2012	0.459	22.8	7.88	7.9	0.10	.	3.3	-1.0	-0.1	0.051	-0.2	0.04	-1		
16 FLEISCHMANN	04APR2012	0.014	10.3	7.41	10.5	0.40	.	-3.0	-1.0	-0.1	0.011	-0.2	-0.04	-1		
17 FLEISCHMANN	18APR2012	0.021	10.5	7.46	11.5	0.20	.	-3.0	-1.0	-0.1	0.013	-0.2	-0.04	-1		
18 FLEISCHMANN	02MAY2012	0.030	10.1	7.22	10.6	0.35	.	-3.0	-1.0	-0.1	0.016	-0.2	-0.04	-1		
19 FLEISCHMANN	30MAY2012	0.023	24.0	7.24	6.2	0.50	.	-3.0	-2.6	-0.1	0.019	0.2	-0.04	-1		
20 FLEISCHMANN	06JUN2012	0.026	15.2	7.59	10.2	0.25	.	-3.0	-1.0	-0.1	0.010	-0.2	-0.04	-1		
21 FLEISCHMANN	18JUN2012	.	16.0	6.92	.	0.95	.	.	.	.	.	.	.	.	.
22 FLEISCHMANN	20JUN2012	0.020	29.9	7.36	5.3	0.45	.	4.6	-1.0	-0.1	0.008	-0.2	-0.04	-1		
23 GRAHAMSVILLE	04APR2012	.	.	.	.	0.10	.	-3.0	-1.0	.	0.016	-0.2	.	.	
24 GRAHAMSVILLE	04APR2012	.	.	.	.	.	.	.	.	.	.	.	.	.	-1
25 GRAHAMSVILLE	02MAY2012	.	.	.	.	0.10	.	-3.0	-1.0	.	0.013	-0.2	.	.	
26 GRAHAMSVILLE	02MAY2012	.	.	.	.	.	.	.	.	.	.	.	.	.	-1
27 GRAHAMSVILLE	06JUN2012	.	.	.	.	0.15	.	-3.0	-1.0	.	0.034	-0.2	.	.	
28 GRAHAMSVILLE	06JUN2012	.	.	.	.	.	.	.	.	.	.	.	.	.	-1
29 GRAHAMSVILLE	09MAY2012	.	14.4	7.03	.	-0.10	.	.	.	.	.	.	.	.	.

All data are provisional.

Section 2

DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
30	HOBART	04APR2012	0.063	13.7	6.78	6.9	0.45	.
31	HOBART	18APR2012	0.066	14.5	6.99	7.2	0.25	.
32	HOBART	02MAY2012	0.062	13.8	6.98	8.0	0.15	.
33	HOBART	16MAY2012	0.067	16.5	6.75	5.6	0.20	.
34	HOBART	30MAY2012	0.000	.	.	.	0.30	.
35	HOBART	06JUN2012	0.064	17.8	6.91	6.0	0.55	.
36	HOBART	20JUN2012	0.078	20.5	7.02	6.5	0.55	.
37	MARGARETVILLE	03APR2012	.	.	.	.	.	.
38	MARGARETVILLE	04APR2012	.	.	.	.	.	.
39	MARGARETVILLE	17APR2012	.	.	.	.	.	.
40	MARGARETVILLE	18APR2012	.	.	.	.	.	.
41	MARGARETVILLE	01MAY2012	.	.	.	.	.	.
42	MARGARETVILLE	02MAY2012	.	.	.	.	.	.
43	MARGARETVILLE	15MAY2012	.	.	.	.	.	.
44	MARGARETVILLE	16MAY2012	.	.	.	.	.	.
45	MARGARETVILLE	05JUN2012	.	.	.	.	.	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
30	-3.0	-1.0	-0.1	0.026	-0.20	-0.04	-1	
31	-3.0	-1.0	-0.1	0.018	-0.20	-0.04	-1	
32	-3.0	-1.0	-0.1	0.156	-0.20	-0.04	-1	
33	-3.0	-1.0	-0.1	0.101	-0.20	-0.04	-1	
34	-3.0	-1.0	-0.1	0.033	-0.20	-0.04	.	
35	-3.0	-1.0	-0.1	0.029	-0.20	-0.04	-1	
36	-3.0	-1.0	-0.1	0.050	-0.20	-0.04	-1	
37	-3.0	-1.0	.	0.042	-0.20	.	.	
38	.	.	.	.	.	.	-1	
39	-3.0	-1.0	.	0.075	-0.20	.	.	
40	-1	
41	-3.0	-1.0	.	0.049	8.75	.	.	
42	-1	
43	-3.0	-1.0	.	0.053	-0.20	.	.	
44	-1	
45	-3.0	-1.0	.	0.094	-0.20	.	.	

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DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
46	MARGARETVILLE	06JUN2012
47	MARGARETVILLE	19JUN2012	.	.	.	.	.	.
48	MARGARETVILLE	20JUN2012	.	.	.	.	.	.
49	MOUNTAINSIDE FARMS	04APR2012	0.015	9.7	7.37	9.0	16.00	18.0
50	MOUNTAINSIDE FARMS	18APR2012	0.020	13.4	6.82	7.2	9.60	12.6
51	MOUNTAINSIDE FARMS	02MAY2012	0.026	11.4	6.84	7.5	6.00	11.9
52	MOUNTAINSIDE FARMS	16MAY2012	0.000	17.8	6.73	6.0	6.70	11.5
53	MOUNTAINSIDE FARMS	23MAY2012	0.030	18.8	6.65	3.9	.	.
54	MOUNTAINSIDE FARMS	06JUN2012	0.038	15.4	6.79	5.9	1.80	4.1
55	MOUNTAINSIDE FARMS	20JUN2012	0.023	21.6	6.91	6.2	2.30	3.4
56	ROXBURY	04APR2012	0.006	8.3	7.04	10.9	1.30	.
57	ROXBURY	18APR2012	0.004	9.1	7.29	11.9	1.60	.
58	ROXBURY	02MAY2012	0.005	10.2	7.45	10.9	1.10	.
59	ROXBURY	16MAY2012	0.052	14.6	7.25	10.9	0.20	.
60	ROXBURY	06JUN2012	0.007	15.1	7.48	10.0	1.30	.
61	ROXBURY	20JUN2012	0.004	20.6	7.47	8.8	1.10	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
46	.	.	.	.	.	.	-1	.
47	-3.0	-1.0	.	0.041	-0.20	.	.	.
48	.	.	.	.	.	.	-1	.
49	.	59.0	.	2.064	.	.	.	.
50	.	31.6	.	1.135	.	.	.	.
51	.	20.8	.	0.946	.	.	.	.
52	.	20.7	.	0.619	.	.	.	.
53	.	.	.	.	.	.	.	.
54	.	5.5	.	0.201	.	.	.	.
55	.	10.6	.	0.314	.	.	.	.
56	-3.0	-1.0	-0.1	0.133	-0.20	-0.04	-1	.
57	-3.0	-1.0	-0.1	0.144	-0.20	-0.04	-1	.
58	-3.0	-1.0	-0.1	0.164	-0.20	-0.04	-1	.
59	-3.0	-1.0	-0.1	0.237	-0.20	-0.04	-1	.
60	-3.0	-1.0	-0.1	0.184	-0.20	-0.04	-1	.
61	-3.0	-1.0	-0.1	0.177	-0.20	-0.04	1	.

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DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
62	STAMFORD	04APR2012	0.260	10.4	6.04	10.3	0.15	.
63	STAMFORD	18APR2012	0.260	11.5	6.29	11.1	0.15	.
64	STAMFORD	02MAY2012	0.296	11.8	6.43	10.1	0.20	.
65	STAMFORD	16MAY2012	0.494	13.4	6.79	11.2	0.10	.
66	STAMFORD	23MAY2012	0.332	15.1	6.85	6.7	.	.
67	STAMFORD	06JUN2012	0.243	14.5	6.95	9.9	-0.10	.
68	STAMFORD	12JUN2012	.	15.8	6.87	.	0.45	.
69	STAMFORD	20JUN2012	0.171	20.0	6.70	8.0	0.10	.
70	WALTON	11APR2012	1.040	15.7	7.60	9.7	0.20	.
71	WALTON	24APR2012	1.200	15.2	7.64	9.7	.	.
72	WALTON	25APR2012	1.159	15.1	7.63	10.3	0.25	.
73	WALTON	09MAY2012	1.279	18.4	7.79	8.9	0.20	.
74	WALTON	23MAY2012	1.350	19.6	7.65	6.0	0.30	.
75	WALTON	30MAY2012	0.000	.	.	.	1.00	.
76	WALTON	13JUN2012	1.189	21.0	7.83	8.2	1.80	.
77	WALTON	27JUN2012	1.120	22.0	7.82	8.2	0.15	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
62	3.6	-1.0	-0.1	0.007	-0.20	-0.04	-1	
63	4.4	-1.0	-0.1	0.006	0.43	-0.04	-1	
64	-3.0	-2.0	-0.1	0.006	-0.20	-0.04	-1	
65	3.1	-1.0	-0.1	-0.005	-0.20	-0.04	-1	
66	.	.	.	.	.	.	.
67	-3.0	-1.0	-0.1	0.006	-0.20	-0.04	4	
68	.	.	.	.	.	.	.
69	-3.0	-1.0	-0.1	0.008	-0.20	-0.04	-1	
70	-3.0	-1.0	-0.1	0.008	-0.20	-0.04	-1	
71	-3.0	.	.	.	.	-0.04	.	
72	-3.0	-1.0	-0.1	0.011	-0.20	0.04	-1	
73	3.2	-1.0	-0.1	0.008	-0.20	-0.04	-1	
74	3.0	-1.0	-0.1	0.008	-0.20	-0.04	-1	
75	-3.0	1.2	-0.1	0.036	0.48	-0.04	.	
76	3.5	1.3	-0.1	0.013	0.28	-0.04	-1	
77	-3.0	-1.0	0.1	0.015	-0.20	-0.04	1	

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DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
78	WEST DELAWARE BOCES	11APR2012	0.001	16.9	7.20	3.7	0.10	.
79	WEST DELAWARE BOCES	24APR2012	0.004	13.7	7.31	7.7	.	.
80	WEST DELAWARE BOCES	25APR2012	0.004	13.6	7.21	7.5	0.40	.
81	WEST DELAWARE BOCES	09MAY2012	0.004	16.3	7.26	6.3	0.30	.
82	WEST DELAWARE BOCES	23MAY2012	0.004	19.0	7.37	4.9	0.10	.
83	WEST DELAWARE BOCES	13JUN2012	0.003	19.4	6.36	6.3	-0.10	.
84	WEST DELAWARE BOCES	27JUN2012	0.001	19.4	7.80	5.3	0.85	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
78	-3.0	-1.0	-0.1	0.215	0.57	-0.04	-1	
79	-3.0	.	.	.	.	-0.04	.	
80	-3.0	-2.0	-0.1	0.113	-0.20	-0.04	-1	
81	-3.0	-1.0	-0.1	0.338	-0.20	0.04	-1	
82	-3.0	-1.0	-0.1	0.150	-0.20	-0.04	-1	
83	-3.0	-1.0	-0.1	0.072	-0.20	-0.04	-1	
84	-3.0	-1.0	-0.1	0.375	-0.20	-0.04	-1	