

***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**

Third Quarter 2011

October 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:

Facility	Date	Parameter	Measurement	SPDES Limit
Boiceville WWTP	31AUG11	Susp.Solids	15.4	10 mg/l, daily max.
Boiceville WWTP	31AUG11	Sett.Solids	1.2	0.1 ml/l
Boiceville WWTP	31AUG11	F. Coli.	TNTC	400 CFU 7-day G.M.
Camp MachneTashbar	13JUL11	Chlor.Res.-Effl.	2.5	0.1 mg/l, but UV is primary disinfectant
Camp Timberlake	06JUL11	pH	6.17	6.5 - 8.5
Camp Timberlake	06JUL11	Diss.Oxygen	5.4	7 mg/l, min.
Camp Timberlake	20JUL11	Diss.Oxygen	5.2	7 mg/l, min.
Camp Timberlake	20JUL11	Temperature	22.7	21.1 °C, daily max.
Camp Timberlake	10AUG11	Diss.Oxygen	6	7 mg/l, min.
Camp Timberlake	10AUG11	Phosphorus	1.927	1 mg/l
Camp Timberlake	10AUG11	Temperature	23	21.1 °C, daily max.
Hunter Highlands	13JUL11	Temperature	23.1	21.1 °C, daily max.
Hunter Highlands	03AUG11	Temperature	22.8	21.1 °C, daily max.
Hunter Highlands	10AUG11	Temperature	22.8	21.1 °C, daily max.
Hunter Highlands	10AUG11	Diss.Oxygen	6.4	7 mg/l, min.
Hunter Village	13JUL11	Temperature	21.9	21.1 °C, daily max.
Hunter Village	03AUG11	Temperature	22.3	21.1 °C, daily max.
Hunter Village	10AUG11	Temperature	21.9	21.1 °C, daily max.
Windham	20JUL11	CBOD5	13.2	5 mg/l

Delaware District:

Facility	Date	Parameter	Measurement	SPDES Limit
Andes	27JUL11	Temperature	21.9	21.1 °C, daily max.
Andes	17AUG11	Temperature	21.6	21.1 °C, daily max.
Andes	22SEP11	Temperature	22.7	21.1 °C, daily max.
Camp L'man A'chai	26JUL11	Diss.Oxygen	6.7	7 mg/l, min.
Camp L'man A'chai	24AUG11	Phosphorus	1.027	1 mg/l
Camp L'man A'chai	07SEP11	F. Coli.	980	400 CFU 7-day G.M.
Camp L'man A'chai	07SEP11	Diss.Oxygen	6.9	7 mg/l, min.
Delhi	28SEP11	Flow	0.87	0.815 MGD,30-day A.M.
Grahamsville	06JUL11	CBOD5	6.2	5 mg/l
Margaretville	16AUG11	Phosphorus	0.563	0.5 mg/l
Mountainside	21SEP11	Susp.Solids	136	10 mg/l, daily max.

Delaware District (cont.):

<u>Facility</u>	<u>Date</u>	<u>Parameter</u>	<u>Measurement</u>	<u>SPDES Limit</u>
Mountainside	21SEP11	Phosphorus	2.07	1 mg/l
Mountainside	28SEP11	Susp.Solids	11	10 mg/l, daily max.
Roxbury	20JUL11	Temperature	22	21.1 °C, daily max.
Stamford	14SEP11	Flow	0.757	0.5 MGD,30-day A.M.
Walton	31AUG11	Flow	2.044	1.55 MGD,30-day A.M.
Walton	28SEP11	Flow	1.658	1.55 MGD,30-day A.M.
WestDel BOCES	13JUL11	Temperature	29.1	21.1 °C, daily max.
WestDel BOCES	26JUL11	Temperature	25.5	21.1 °C, daily max.
WestDel BOCES	27JUL11	Temperature	24.1	21.1 °C, daily max.
WestDel BOCES	17AUG11	Temperature	22.6	21.1 °C, daily max.
WestDel BOCES	31AUG11	Temperature	29	21.1 °C, daily max.
WestDel BOCES	28SEP11	Temperature	24.9	21.1 °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. 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
06JUL11		no violations	
20JUL11		no violations	
31AUG11	Suspended Solids	15.4	10 mg/l
31AUG11	Settleable Slds	1.2	0.1 ml/l
31AUG11	Fecal Coliforms	TNTC	400 CFU 7-day G.M.
14SEP11		no violations	
28SEP11		no violations	

Camp Machne Tashbar

date	Parameter	SPDES Violation	SPDES Limit
06JUL11		no violations	
13JUL11	Chlor.Res.-Effl.	2.5	0.1 mg/l, but UV is primary disinfectant
03AUG11		no violations	
10AUG11		no violations	
17AUG11		no violations	
07SEP11		no violations	

Camp Timberlake - seasonal facility

date	Parameter	SPDES Violation	SPDES Limit
06JUL11	pH	6.17	6.5 - 8.5
06JUL11	Dissolved Oxygen	5.4	7 mg/l, min.
20JUL11	Dissolved Oxygen	5.2	7 mg/l, min.
20JUL11	Temp	22.7	21.1 °C, daily max.
10AUG11	Dissolved Oxygen	6	7 mg/l, min.
10AUG11	Total Phosphorus	1.927	1 mg/l, 30-day A.M.
10AUG11	Temp	23	21.1 °C, daily max.

Elka Park (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
05JUL11		no violations	
13JUL11		no violations	
10AUG11		no violations	
17AUG11		no violations	
07SEP11		no violations	

Grand Gorge (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
05JUL11		no violations	
06JUL11		no violations	
19JUL11		no violations	
20JUL11		no violations	
27JUL11		no violations	
02AUG11		no violations	
03AUG11		no violations	
16AUG11		no violations	
17AUG11		no violations	
06SEP11		no violations	
07SEP11		no violations	
14SEP11		no violations	

Hunter Highlands (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06JUL11		no violations	
13JUL11	Temperature	23.1	21.1 °C (70°F)
03AUG11	Temperature	22.8	21.1 °C (70°F)
10AUG11	Temperature	22.8	21.1 °C (70°F)
10AUG11	Dissolved Oxygen	6.4	7 mg/l, min.
07SEP11		no violations	
21SEP11		no violations	

Hunter Village (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06JUL11		no violations	
13JUL11	Temperature	21.9	21.1 °C (70°F)
03AUG11	Temperature	22.3	21.1 °C (70°F)
10AUG11	Temperature	21.9	21.1 °C (70°F)
07SEP11		no violations	
28SEP11		no violations	

Olive Woods

date	Parameter	SPDES Violation	SPDES Limit
10AUG11		no violations	
07SEP11		no violations	

Onteora Central School

date	Parameter	SPDES Violation	SPDES Limit
06JUL11		no violations	

Oorah Golden Acres - seasonal facility

date	Parameter	SPDES Violation	SPDES Limit
07JUL11		no violations	
20JUL11		no violations	
03AUG11		no violations	
17AUG11		no violations	

Pine Hill (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
05JUL11		no violations	
06JUL11		no violations	
19JUL11		no violations	
20JUL11		no violations	
27JUL11		no violations	
02AUG11		no violations	
03AUG11		no violations	
16AUG11		no violations	
17AUG11		no violations	
06SEP11		no violations	
07SEP11		no violations	
13SEP11		no violations	
14SEP11		no violations	

Prattsville WTP

date	Parameter	SPDES Violation	SPDES Limit
07JUL11		no violations	
20JUL11		no violations	
04AUG11		no violations	
17AUG11		no violations	
14SEP11		no violations	
28SEP11		no violations	

Tannersville (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06JUL11		no violations	
19JUL11		no violations	
20JUL11		no violations	
27JUL11		no violations	
02AUG11		no violations	
03AUG11		no violations	
16AUG11		no violations	
17AUG11		no violations	
06SEP11		no violations	
07SEP11		no violations	
13SEP11		no violations	
14SEP11		no violations	

Windham (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
07JUL11		no violations	
20JUL11	CBOD5	13.2	5 mg/l daily max.
04AUG11		no violations	
17AUG11		no violations	
21SEP11		no violations	
28SEP11		no violations	

Delaware District:

Andes (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
13JUL11		no violations	
27JUL11	Temperature	21.9	21.1 °C (70°F)
17AUG11	Temperature	21.6	21.1 °C (70°F)
14SEP11		no violations	
22SEP11	Temperature	22.7	21.1 °C (70°F)

Camp L'man A'chai - seasonal facility

date	Parameter	SPDES Violation	SPDES Limit
06JUL11		no violations	
20JUL11		no violations	
26JUL11	Dissolved Oxygen	6.7	7 mg/l, min.
10AUG11		no flow, no sample	
24AUG11	Total Phos	1.027	1 mg/l 30-day A.M.
07SEP11	Fecal Coliforms	980	400 CFU 7-day G.M.
07SEP11	Dissolved Oxygen	6.9	7 mg/l, min.

Delhi WWTP (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
13JUL11		no violations	
26JUL11		no violations	
27JUL11		no violations	
17AUG11		no violations	
31AUG11		no violations	
22SEP11		no violations	
28SEP11	Flow	0.87	0.815 MGD, 30-day A.M.

Fleischmanns WWTP

date	Parameter	SPDES Violation	SPDES Limit
06JUL11		no violations	
20JUL11		no violations	
10AUG11		no violations	
24AUG11		no violations	
14SEP11		no violations	
21SEP11		no violations	

Grahamsville WWTP (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06JUL11	CBOD5	6.2	5 mg/l 7-day A.M.
10AUG11		no violations	
07SEP11		no violations	

Hobart (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06JUL11		no violations	
20JUL11		no violations	
10AUG11		no violations	
24AUG11		no violations	
07SEP11		no violations	
21SEP11		no violations	

Margaretville

date	Parameter	SPDES Violation	SPDES Limit
05JUL11		no violations	
06JUL11		no violations	
19JUL11		no violations	
20JUL11		no violations	
27JUL11		no violations	
02AUG11		no violations	
03AUG11		no violations	
16AUG11	Total Phosphorus	0.563	0.5 mg/l, 30-day A.M.
17AUG11		no violations	
06SEP11		no violations	
07SEP11		no violations	
13SEP11		no violations	
14SEP11		no violations	

Margaretville--% removals

date	Parameter	SPDES Violation	SPDES Limit
05JUL11	effluent CBOD5	not reported	
05JUL11	effluent suspended solids	not reported	
19JUL11	effluent CBOD5	not reported	
19JUL11	effluent suspended solids	not reported	
27JUL11	effluent CBOD5	not reported	
27JUL11	effluent suspended solids	not reported	
27JUL11	influent suspended solids	not reported	
02AUG11	effluent CBOD5	not reported	
02AUG11	influent CBOD5	not reported	

Margaretville--% removals - continued

date	Parameter	SPDES Violation	SPDES Limit
02AUG11	effluent	suspended solids	not reported
16AUG11	effluent	CBOD5	not reported
16AUG11	influent	CBOD5	not reported
16AUG11	effluent	suspended solids	not reported
06SEP11	effluent	CBOD5	not reported
06SEP11	effluent	suspended solids	not reported
13SEP11	effluent	CBOD5	not reported
13SEP11	effluent	suspended solids	not reported

Mountainside Farms - Delaware County Dairies

date	Parameter	SPDES Violation	SPDES Limit
06JUL11		no violations	
20JUL11		no violations	
26JUL11		no violations	
10AUG11		no violations	
24AUG11		no violations	
21SEP11	Suspended Solids	136	10 mg/l, daily max.
21SEP11	Phosphorus	2.07	1 mg/l, 30-day A.M.
28SEP11	Suspended Solids	11	10 mg/l, daily max.

Roxbury Run (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06JUL11		no violations	
20JUL11	Temperature	22	21.1 °C, (70°F)
10AUG11		no violations	
24AUG11		no violations	
14SEP11		no violations	
21SEP11		no violations	

Stamford WWTP

date	Parameter	SPDES Violation	SPDES Limit
06JUL11		no violations	
20JUL11		no violations	
26JUL11		no violations	
10AUG11		no violations	
24AUG11		no violations	
14SEP11	Flow	0.757	0.5 MGD, 30-day A.M.
21SEP11		no violations	

Walton WWTP

date	Parameter	SPDES Violation	SPDES Limit
13JUL11		no violations	
26JUL11		no violations	
27JUL11		no violations	
17AUG11		no violations	
31AUG11	Flow	2.044	1.55 MGD, 30-day A.M.
22SEP11		no violations	
28SEP11	Flow	1.658	1.55 MGD, 30-day A.M.

West Delaware BOCES

date	Parameter	SPDES Violation	SPDES Limit
13JUL11	Temperature	29.1	21.1 °C (70°F)
26JUL11	Temperature	25.5	21.1 °C (70°F)
27JUL11	Temperature	24.1	21.1 °C (70°F)
17AUG11	Temperature	22.6	21.1 °C (70°F)
31AUG11	Temperature	29	21.1 °C (70°F)
22SEP11		no violations	
28SEP11	Temperature	24.9	21.1 °C (70°F)

Section 2

CATSKILL DISTRICT

P L O A b N s T	C O L L E C T T P H O B 5 5	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	B I O L O G Y	B I O L O G Y	C O O L D I N G	S O I L S C I E N C E	S O I L S C I E N C E	T E M P E R A T U R E	N U T R I E N T	F I S H E R Y	F I S H E R Y															
														1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	BOICEVILLE WTP	06JUL2011	20.7	8.21	9.5	0.30	-3.0	1.2	0.1	0.211	-0.200	-0.04	-1															
2	BOICEVILLE WTP	20JUL2011	22.7	8.14	8.8	0.10	-3.0	-1.2	-0.1	0.150	-0.200	0.04	1															
3	BOICEVILLE WTP	31AUG2011	20.4	8.13	9.4	17.00	-3.0	15.4	1.2	0.137	0.620	0.04	-99															
4	BOICEVILLE WTP	14SEP2011	20.8	8.04	9.2	0.45	-3.0	-1.0	-0.1	0.045	-0.200	0.04	1															
5	BOICEVILLE WTP	28SEP2011	20.6	7.70	8.8	0.70	4.1	-1.0	-0.1	0.145	-0.200	-0.04	7															
6	CAMP MACHNE TASHBAR	06JUL2011	19.0	7.20	8.9	0.10	-3.0	-1.0	-0.1	0.006	-0.200	-0.04	-1															
7	CAMP MACHNE TASHBAR	13JUL2011	20.7	7.42	8.3	0.20	.	-1.0	-0.1	0.010	0.946	2.50	-1															
8	CAMP MACHNE TASHBAR	03AUG2011	21.0	7.16	8.0	0.25	-3.0	-1.0	-0.1	0.076	-0.200	-0.04	-1															
9	CAMP MACHNE TASHBAR	10AUG2011	20.2	7.19	7.7	0.20	.	-1.0	-0.1	0.175	-0.200	-0.04	-1															
10	CAMP MACHNE TASHBAR	17AUG2011	20.1	7.70	8.2	0.45	-3.0	-1.0	-0.1	0.133	0.260	-0.04	-1															
11	CAMP MACHNE TASHBAR	07SEP2011	18.6	7.75	7.8	0.45	-3.0	-1.0	-0.1	0.184	-0.200	-0.04	-1															
12	CAMP OH-NEH-TAH	04AUG2011	18.0	8.17	8.9	1.20	-3.0	-2.3	-0.1	0.603	-0.200	0.21	-1															
13	CAMP TIMBERLAKE	06JUL2011	21.1	6.17	5.4	0.10	-3.0	-1.0	-0.1	0.694	0.745	-0.04	-1															
14	CAMP TIMBERLAKE	20JUL2011	22.7	7.09	5.2	0.10	-3.0	-1.0	-0.1	0.920	0.310	0.04	-1															
15	CAMP TIMBERLAKE	10AUG2011	23.0	7.56	6.0	0.10	.	-1.0	-0.1	1.927	-0.200	-0.04	-1															
16	ELKA PARK	05JUL2011	16.8	7.63	9.3	0.10	-3.0	-1.0	-0.1	0.250	-0.200	-0.04	-1															
17	ELKA PARK	13JUL2011	18.7	7.55	8.7	0.20	.	-1.0	-0.1	0.258	-0.200	-0.04	-1															
18	ELKA PARK	10AUG2011	19.2	7.68	8.6	0.15	.	-1.0	-0.1	0.523	0.286	-0.04	-1															
19	ELKA PARK	17AUG2011	18.6	7.57	9.0	0.10	-3.0	-1.0	-0.1	0.361	-0.200	-0.04	-1															
20	ELKA PARK	07SEP2011	17.0	7.20	8.7	0.10	-3.0	-1.0	-0.1	0.322	0.204	-0.04	-1															
21	GRAND GORGE	05JUL2011	.	.	.	.	-3.0	-1.0	.	0.086	-0.200	.	.											
22	GRAND GORGE	06JUL2011	.	.	.	.	.	.	.	.	.	.	-1					
23	GRAND GORGE	19JUL2011	.	.	.	.	-3.0	-1.0	.	0.066	-0.200	.	.											
24	GRAND GORGE	20JUL2011	.	.	.	.	.	.	.	.	.	.	-1					
25	GRAND GORGE	27JUL2011	.	.	.	.	-3.0											
26	GRAND GORGE	02AUG2011	.	.	.	.	.	-1.0	.	0.092	-0.200	.	.										
27	GRAND GORGE	03AUG2011	.	.	.	.	.	.	.	.	.	.	-1					
28	GRAND GORGE	16AUG2011	.	.	.	.	.	-1.0	.	0.124	-0.200	.	.										
29	GRAND GORGE	17AUG2011	.	.	.	.	.	.	.	.	.	.	-1					

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	S O D 5	S L L D S	S S L D S	T P	N H 3	S E T F C C O O L D I E		
												C	F	
30	GRAND GORGE	06SEP2011	.	.	.	.	.	-3	-1	.	0.096	-0.2	.	.
31	GRAND GORGE	07SEP2011	.	.	.	.	.	.	.	.	.	.	.	-1
32	GRAND GORGE	14SEP2011	.	.	.	.	.	-3	-1	.	0.046	-0.2	.	.
33	GRAND GORGE	14SEP2011	.	.	.	.	.	.	.	.	.	.	.	-1
34	HUNTER HIGHLANDS	06JUL2011	20.5	7.00	8.4	0.10	.	-3	-1	-0.1	0.007	-0.2	-0.04	-1
35	HUNTER HIGHLANDS	13JUL2011	23.1	7.12	7.2	0.30	.	.	-1	-0.1	0.009	-0.2	-0.04	-1
36	HUNTER HIGHLANDS	03AUG2011	22.8	7.45	8.4	0.15	.	-3	-1	-0.1	0.007	-0.2	-0.04	-1
37	HUNTER HIGHLANDS	10AUG2011	22.8	6.92	6.4	0.25	.	.	-1	-0.1	0.037	-0.2	-0.04	-1
38	HUNTER HIGHLANDS	07SEP2011	18.5	7.17	8.7	0.10	.	-3	-1	-0.1	0.007	-0.2	-0.04	-1
39	HUNTER HIGHLANDS	21SEP2011	16.3	7.58	9.8	0.15	.	-3	-1	-0.1	0.007	-0.2	0.85	-1
40	HUNTER WTP	06JUL2011	19.6	6.90	.	0.20	-3	.	-1	-0.1	0.022	-0.2	-0.04	-1
41	HUNTER WTP	13JUL2011	21.9	7.06	.	0.70	-3	.	-1	-0.1	0.030	-0.2	-0.04	-1
42	HUNTER WTP	03AUG2011	22.3	6.61	.	0.10	-3	.	-1	-0.1	0.236	-0.2	0.04	-1
43	HUNTER WTP	10AUG2011	21.9	6.69	.	0.10	.	.	-1	-0.1	0.186	-0.2	-0.04	-1
44	HUNTER WTP	07SEP2011	17.5	6.93	.	0.10	-3	.	-1	-0.1	0.009	-0.2	-0.04	-1
45	HUNTER WTP	28SEP2011	19.0	6.69	.	0.15	-3	.	-1	-0.1	0.010	-0.2	-0.04	-1
46	OLIVE WOODS	10AUG2011	18.5	7.18	9.1	0.50	.	.	-1	-0.1	0.094	-0.2	0.07	-1
47	OLIVE WOODS	07SEP2011	18.4	7.76	8.9	0.15	.	-3	-1	-0.1	0.009	-0.2	-0.04	-1
48	ONTEORA CENTRAL SCHOOL	06JUL2011	19.6	7.42	.	0.50	.	-3	-1	-0.1	0.595	.	-0.04	-1
49	OORAH GOLDEN ACRES	07JUL2011	16.1	7.59	9.7	0.10	.	-3	-1	-0.1	0.312	-0.2	-0.04	-1
50	OORAH GOLDEN ACRES	20JUL2011	19.5	7.68	8.7	0.10	.	-3	-1	-0.1	0.532	-0.2	-0.04	-1
51	OORAH GOLDEN ACRES	03AUG2011	19.8	7.77	8.6	0.10	.	-3	-1	-0.1	0.640	-0.2	-0.04	-1
52	OORAH GOLDEN ACRES	17AUG2011	20.2	7.55	8.6	0.20	.	-3	-1	-0.1	.	-0.2	0.06	-1
53	OORAH GOLDEN ACRES	17AUG2011	.	.	.	.	.	.	.	.	0.680	.	.	.
54	PINE HILL	05JUL2011	.	.	.	.	-3	.	-1	.	-0.005	-0.2	.	.
55	PINE HILL	06JUL2011	.	.	.	.	.	.	.	.	.	.	.	-1
56	PINE HILL	19JUL2011	.	.	.	.	-3	.	-1	.	0.005	-0.2	.	.
57	PINE HILL	20JUL2011	.	.	.	.	.	.	.	.	.	.	.	-1
58	PINE HILL	27JUL2011	.	.	.	.	-3	.	.	.	.	.	.	.

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	C P O D S	S U P S D S	S E L L T P	T N H 3	F C O L D I E	F C O L D I E															
														59	60	61	62	63	64	65	66	67	68	69	70	71	72	73
59	PINE HILL	02AUG2011	.	.	.	.	-3	.	-1.0	.	0.005	-0.2	.	.										
60	PINE HILL	03AUG2011	.	.	.	.	.	.	.	.	.	.	.	-1			
61	PINE HILL	16AUG2011	.	.	.	.	.	.	-1.0	.	0.011	-0.2	.	.								
62	PINE HILL	17AUG2011	.	.	.	.	.	.	.	.	.	.	.	-1			
63	PINE HILL	06SEP2011	.	.	.	.	-3	.	-1.0	.	0.007	-0.2	.	.										
64	PINE HILL	07SEP2011	.	.	.	.	.	.	.	.	.	.	.	-1			
65	PINE HILL	13SEP2011	.	.	.	.	-3	.	-1.0	.	0.005	-0.2	.	.										
66	PINE HILL	14SEP2011	.	.	.	.	.	.	.	.	.	.	.	-1			
67	PRATTSVILLE WTP	07JUL2011	17.7	7.35	.	0.30	.	-3.0	-1.0	-0.1	0.285	.	-0.04	-1														
68	PRATTSVILLE WTP	20JUL2011	19.1	7.38	.	0.10	.	-3.0	-2.3	-0.1	0.281	.	-0.04	-1														
69	PRATTSVILLE WTP	04AUG2011	19.7	7.33	.	0.20	.	-3.0	-1.0	-0.1	0.435	.	-0.04	-1														
70	PRATTSVILLE WTP	17AUG2011	20.0	7.40	.	0.15	.	-3.0	-1.0	-0.1	0.256	.	0.04	-1														
71	PRATTSVILLE WTP	14SEP2011	20.0	7.44	.	0.20	.	-3.0	-1.0	-0.1	0.076	.	-0.04	-1														
72	PRATTSVILLE WTP	28SEP2011	19.1	7.60	.	0.20	.	-3.0	-1.1	-0.1	0.228	.	-0.04	-1														
73	TANNERSVILLE	06JUL2011	.	.	.	.	.	-3.0	-1.0	.	0.037	-0.2	.	.									
74	TANNERSVILLE	06JUL2011	.	.	.	.	.	.	.	.	.	.	.	1			
75	TANNERSVILLE	19JUL2011	.	.	.	.	.	-3.0	-1.0	.	0.037	-0.2	.	.									
76	TANNERSVILLE	20JUL2011	.	.	.	.	.	.	.	.	.	.	.	-1			
77	TANNERSVILLE	27JUL2011	.	.	.	.	.	-3.0									
78	TANNERSVILLE	02AUG2011	.	.	.	.	.	.	-1.0	.	0.030	-0.2	.	.								
79	TANNERSVILLE	03AUG2011	.	.	.	.	.	.	.	.	.	.	.	-1			
80	TANNERSVILLE	16AUG2011	.	.	.	.	.	.	-1.0	.	0.192	-0.2	.	.								
81	TANNERSVILLE	17AUG2011	.	.	.	.	.	.	.	.	.	.	.	1			
82	TANNERSVILLE	06SEP2011	.	.	.	.	.	-3.0	-1.0	.	0.015	-0.2	.	.									
83	TANNERSVILLE	07SEP2011	.	.	.	.	.	.	.	.	.	.	.	-1			
84	TANNERSVILLE	13SEP2011	.	.	.	.	.	-3.0	-1.0	.	0.013	-0.2	.	.									
85	TANNERSVILLE	14SEP2011	.	.	.	.	.	.	.	.	.	.	.	-1			
86	WINDHAM WTP	07JUL2011	18.8	7.06	8.6	0.20	.	3.0	-1.0	-0.1	0.108	-0.2	-0.04	-1														
87	WINDHAM WTP	20JUL2011	20.4	7.22	7.6	0.30	.	13.2	-1.0	-0.1	0.200	-0.2	-0.04	-1														

Section 2

CATSKILL DISTRICT

P L O A b N s T	C O L	T	P	D	R	B	5	5	C P	S S	L L	D D	T P	3	T C	F C	F C
88 WINDHAM WTP	04AUG2011	.	.	.	.	.	-3.0	-1.0	.	0.027	-0.2	-0.04	.				
89 WINDHAM WTP	04AUG2011	20.4	7.18	8.0	0.20	.	4.3	-1.0	-0.1	0.025	-0.2	-0.04	-1				
90 WINDHAM WTP	17AUG2011	19.3	7.04	8.9	0.15	.	4.5	-1.0	-0.1	0.020	-0.2	-0.04	-1				
91 WINDHAM WTP	21SEP2011	16.4	7.05	9.6	-0.10	.	-3.0	-1.0	-0.1	0.008	-0.2	-0.04	-1				
92 WINDHAM WTP	28SEP2011	18.0	7.12	8.2	0.20	.	-3.0	-1.0	-0.1	0.016	-0.2	-0.04	1				

Section 2

DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
1	ANDES	13JUL2011	0.020	20.8	8.43	8.2	-0.10	-3
2	ANDES	27JUL2011	0.016	21.9	8.47	9.3	0.25	-3
3	ANDES	17AUG2011	0.029	21.6	8.39	9.8	0.65	.
4	ANDES	14SEP2011	0.024	20.7	.	10.0	0.15	-3
5	ANDES	22SEP2011	0.016	22.7	8.48	8.1	0.50	-3
6	CAMP L'MAN A'CHAI	06JUL2011	.	22.0	6.94	8.4	0.20	.
7	CAMP L'MAN A'CHAI	20JUL2011	.	23.2	6.60	7.4	0.10	.
8	CAMP L'MAN A'CHAI	26JUL2011	.	25.3	6.60	6.7	.	.
9	CAMP L'MAN A'CHAI	10AUG2011	0.000	22.4	6.84	7.4	0.20	.
10	CAMP L'MAN A'CHAI	24AUG2011	0.000	20.5	6.96	8.2	0.10	.
11	CAMP L'MAN A'CHAI	07SEP2011	0.000	18.1	6.76	6.9	2.80	.
12	DELHI	13JUL2011	0.715	23.5	7.40	7.5	0.30	.
13	DELHI	26JUL2011	0.553	22.8	7.52	8.0	.	.
14	DELHI	27JUL2011	0.601	22.9	7.59	8.9	2.30	.
15	DELHI	17AUG2011	0.663	22.5	7.61	8.2	0.15	.
16	DELHI	31AUG2011	0.112	21.1	7.15	8.3	0.65	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
1	.	-1.0	-0.1	0.042	-0.200	.	-1	
2	.	-1.0	-0.1	0.045	-0.200	.	-1	
3	.	-1.0	-0.1	0.057	-0.200	.	-1	
4	.	-1.0	-0.1	0.040	-0.200	.	1	
5	.	-1.0	-0.1	0.041	-0.200	.	-1	
6	-3.0	-1.0	-0.1	0.311	0.586	-0.04	-1	
7	-3.0	-1.0	-0.1	0.783	-0.200	-0.04	-1	
8	-3.0	.	.	.	.	0.05	.	
9	.	-1.0	-0.1	0.788	-0.200	-0.04	-1	
10	-3.0	-2.0	-0.1	1.027	1.070	-0.04	-1	
11	-3.0	-1.0	-0.1	0.535	-0.200	-0.04	980	
12	.	1.0	-0.1	0.012	-0.200	0.04	-1	
13	-3.0	.	.	.	.	0.04	.	
14	3.0	3.1	0.1	0.010	-0.200	-0.04	1	
15	.	-1.0	-0.1	0.012	-0.200	-0.04	-1	
16	-3.0	-2.0	-0.1	0.007	-0.200	-0.04	-1	

Section 2

DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
17	DELHI	22SEP2011	0.591	21.2	6.97	8.0	0.50	.
18	DELHI	28SEP2011	0.870	22.0	7.30	7.7	0.25	.
19	FLEISCHMANN	06JUL2011	0.047	21.8	7.07	7.5	0.40	.
20	FLEISCHMANN	20JUL2011	0.051	20.3	7.28	10.4	0.10	.
21	FLEISCHMANN	10AUG2011	0.043	20.1	7.40	8.8	0.20	.
22	FLEISCHMANN	24AUG2011	0.071	20.0	7.07	9.0	0.25	.
23	FLEISCHMANN	14SEP2011	0.043	17.6	.	9.3	0.45	.
24	FLEISCHMANN	21SEP2011	0.043	16.0	7.56	9.5	2.70	.
25	GRAHAMSVILLE	06JUL2011	.	.	.	.	0.20	.
26	GRAHAMSVILLE	06JUL2011	.	.	.	.	.	.
27	GRAHAMSVILLE	10AUG2011	.	.	.	.	0.20	.
28	GRAHAMSVILLE	10AUG2011	.	.	.	.	.	.
29	GRAHAMSVILLE	07SEP2011	.	.	.	.	0.35	.
30	GRAHAMSVILLE	07SEP2011	.	.	.	.	.	.
31	HOBART	06JUL2011	0.071	25.3	6.84	4.8	0.10	.
32	HOBART	20JUL2011	0.062	21.1	7.07	5.4	0.10	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
17	3.2	-1.0	0.1	0.007	-0.200	0.06	-1	
18	-3.0	-1.0	-0.1	0.007	-0.200	-0.04	-1	
19	-3.0	-1.0	-0.1	0.015	-0.200	0.04	-1	
20	-3.0	-1.0	-0.1	0.024	-0.200	-0.04	-1	
21	.	-1.0	-0.1	0.049	-0.200	-0.04	-1	
22	-3.0	-1.0	-0.1	0.170	0.754	-0.04	-1	
23	-3.0	-1.0	-0.1	0.031	-0.200	-0.04	-1	
24	-3.0	-1.0	-0.1	0.023	-0.200	-0.04	-1	
25	6.2	-1.0	.	0.033	-0.200	.	.	
26	.	.	.	.	.	.	-1	
27	-3.0	-1.0	.	0.073	-0.200	.	.	
28	.	.	.	.	.	.	-1	
29	-3.0	-1.0	.	0.020	-0.200	.	.	
30	.	.	.	.	.	.	-1	
31	-3.0	-1.0	-0.1	0.031	-0.200	0.04	-1	
32	-3.0	-1.0	-0.1	0.124	-0.200	-0.04	-1	

Section 2

DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5
33	HOBART	10AUG2011	0.0860	21.6	7.35	6.6	0.15	.
34	HOBART	24AUG2011	0.0610	21.1	7.09	7.0	0.10	.
35	HOBART	07SEP2011	0.1010	19.6	7.23	7.3	0.30	.
36	HOBART	21SEP2011	0.0660	19.0	6.91	7.2	0.90	.
37	MARGARETVILLE	05JUL2011	.	.	.	.	.	.
38	MARGARETVILLE	06JUL2011	.	.	.	.	.	.
39	MARGARETVILLE	19JUL2011	.	.	.	.	.	.
40	MARGARETVILLE	20JUL2011	.	.	.	.	.	.
41	MARGARETVILLE	27JUL2011	.	.	.	.	.	.
42	MARGARETVILLE	02AUG2011	.	.	.	.	.	.
43	MARGARETVILLE	03AUG2011	.	.	.	.	.	.
44	MARGARETVILLE	16AUG2011	.	.	.	.	.	.
45	MARGARETVILLE	17AUG2011	.	.	.	.	.	.
46	MARGARETVILLE	06SEP2011	.	.	.	.	.	.
47	MARGARETVILLE	07SEP2011	.	.	.	.	.	.
48	MARGARETVILLE	13SEP2011	.	.	.	.	.	.

Obs	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
33	.	-1.0	-0.1	0.106	-0.20	0.04	-1	
34	-3.0	-2.0	-0.1	0.013	-0.20	-0.04	-1	
35	-3.0	-1.0	-0.1	0.012	-0.20	-0.04	-1	
36	-3.0	-1.0	-0.1	0.014	-0.20	0.04	-1	
37	-3.0	-1.0	.	0.221	-0.20	.	.	
38	.	.	.	.	.	.	-1	
39	-3.0	-1.0	.	0.260	-0.20	.	.	
40	.	.	.	.	.	.	-1	
41	-3.0	.	.	.	.	.	.
42	.	-1.0	.	0.295	-0.20	.	.	
43	.	.	.	.	.	.	-1	
44	.	-1.0	.	0.563	2.87	.	.	
45	.	.	.	.	.	.	-1	
46	-3.0	-1.0	.	0.252	-0.20	.	.	
47	.	.	.	.	.	.	-1	
48	-3.0	-1.0	.	0.115	-0.20	.	.	

Section 2

DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB
49	MARGARETVILLE	14SEP2011	.	.	.	.	.
50	MOUNTAINSIDE FARMS	06JUL2011	0.0270	21.3	6.79	3.9	5.00
51	MOUNTAINSIDE FARMS	20JUL2011	0.0270	23.1	7.08	5.1	9.40
52	MOUNTAINSIDE FARMS	26JUL2011	0.0470	22.9	6.98	4.9	.
53	MOUNTAINSIDE FARMS	10AUG2011	0.0250	22.5	6.98	4.1	6.90
54	MOUNTAINSIDE FARMS	24AUG2011	0.0360	19.1	6.92	5.4	1.20
55	MOUNTAINSIDE FARMS	21SEP2011	0.0410	17.3	6.85	3.6	45.00
56	MOUNTAINSIDE FARMS	28SEP2011	0.0430	21.1	7.04	4.1	7.60
57	ROXBURY	06JUL2011	0.0270	18.4	7.73	9.4	0.40
58	ROXBURY	20JUL2011	0.0080	22.0	7.74	9.1	0.40
59	ROXBURY	10AUG2011	0.0013	21.1	7.56	8.6	1.30
60	ROXBURY	24AUG2011	0.0200	18.9	8.01	10.1	0.30
61	ROXBURY	14SEP2011	0.0110	18.2	.	9.2	0.70
62	ROXBURY	21SEP2011	0.0080	16.4	7.52	10.1	1.20
63	STAMFORD	06JUL2011	0.3340	26.9	6.72	5.4	0.10
64	STAMFORD	20JUL2011	0.1740	19.2	6.62	7.9	0.50

Obs	BOD5	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
49	.	.	.	.	.	.	.	-1	
50	8.6	.	6.0	.	0.284	.	.	.	
51	9.7	.	4.6	.	0.184	.	.	.	
52	33.7	.	.	.	.	.	.	.
53	.	.	5.2	.	0.369	.	.	.	
54	3.8	.	1.8	.	0.126	.	.	.	
55	34.9	.	136.0	.	2.070	.	.	.	
56	30.6	.	11.0	.	0.812	.	.	.	
57	.	-3.0	-1.0	-0.1	0.334	-0.2	-0.04	190	
58	.	-3.0	-1.0	-0.1	0.257	-0.2	-0.04	3	
59	.	.	-1.0	-0.1	0.380	-0.2	-0.04	-1	
60	.	-3.0	-1.0	-0.1	0.357	-0.2	-0.04	-1	
61	.	-3.0	-1.0	-0.1	0.218	-0.2	-0.04	-1	
62	.	-3.0	-1.0	-0.1	0.200	-0.2	-0.04	-1	
63	.	4.2	-1.0	-0.1	0.013	-0.2	-0.04	22	
64	.	-3.0	-1.0	-0.1	0.018	-0.2	-0.04	2	

Section 2

DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB
65	STAMFORD	26JUL2011	0.2960	20.5	6.76	8.0	.
66	STAMFORD	10AUG2011	0.1840	19.8	6.47	7.2	0.35
67	STAMFORD	24AUG2011	0.1820	18.7	6.81	9.5	0.45
68	STAMFORD	14SEP2011	0.7570	16.9	.	9.1	0.10
69	STAMFORD	21SEP2011	0.4000	17.1	7.06	8.9	0.55
70	WALTON	13JUL2011	1.1850	24.8	7.92	7.9	0.30
71	WALTON	26JUL2011	1.2370	23.9	7.79	7.9	.
72	WALTON	27JUL2011	1.2500	24.5	7.86	8.4	0.40
73	WALTON	17AUG2011	1.3910	24.1	7.84	8.4	0.55
74	WALTON	31AUG2011	2.0440	20.8	7.69	9.2	0.35
75	WALTON	22SEP2011	1.4090	22.6	7.60	8.9	0.45
76	WALTON	28SEP2011	1.6580	21.6	7.73	8.1	0.20
77	WEST DELAWARE BOCES	13JUL2011	0.0030	29.1	7.13	2.8	-0.10
78	WEST DELAWARE BOCES	26JUL2011	0.0020	25.5	7.24	5.3	.
79	WEST DELAWARE BOCES	27JUL2011	0.0020	24.1	7.25	5.0	0.20
80	WEST DELAWARE BOCES	17AUG2011	0.0030	22.6	7.65	6.8	0.50

Obs	BOD5	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
65	.	-3.0	.	.	.	.	-0.04	.	.
66	.	.	-1.0	-0.1	0.125	-0.2	-0.04	1	.
67	.	3.2	-1.0	-0.1	0.034	-0.2	-0.04	-1	.
68	.	4.8	-1.0	-0.1	0.007	-0.2	-0.04	14	.
69	.	-3.0	-1.0	-0.1	0.011	-0.2	-0.04	20	.
70	.	.	-1.0	-0.1	0.015	0.4	-0.04	-1	.
71	.	-3.0	.	.	.	.	0.05	.	.
72	.	-3.0	-1.0	-0.1	0.040	-0.2	0.05	2	.
73	.	.	-1.0	-0.1	0.009	-0.2	-0.04	-1	.
74	.	-3.0	-2.0	-0.1	0.014	-0.2	-0.04	-1	.
75	.	-3.0	-1.0	-0.1	0.030	-0.2	-0.04	-1	.
76	.	-3.0	-1.0	-0.1	0.014	-0.2	-0.04	-1	.
77	.	.	-1.0	-0.1	0.302	-0.2	-0.04	-1	.
78	.	-3.0	.	.	.	.	0.04	.	.
79	.	-3.0	-1.0	-0.1	0.235	-0.2	-0.04	-1	.
80	.	.	-1.0	-0.1	0.247	-0.2	-0.04	-1	.

Section 2

DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB		
81	WEST DELAWARE BOCES	31AUG2011	0.0030	29.0	7.26	5.8	0.50		
82	WEST DELAWARE BOCES	22SEP2011	0.0030	20.7	7.60	5.1	0.70		
83	WEST DELAWARE BOCES	28SEP2011	0.0030	24.9	7.90	6.0	0.10		
Obs	BOD5	CBOD5	SUSPSLDS	SETSLDS	TP	NH3	TCREFF	FCOLI	FCCODE
81	.	-3.0	-1.0	-0.1	0.164	-0.2	-0.04	-1	
82	.	-3.0	-1.0	-0.1	0.344	-0.2	-0.04	-1	
83	.	-3.0	-1.0	-0.1	0.145	-0.2	0.04	-1	