

***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 2012**

January 31, 2013

*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
no violations				

Delaware District:

Facility	Date	Parameter	Measurement	SPDES Limit
Fleischmanns	20DEC12	Ammonia	2.6	1.4 mg/l
Grahamsville	05DEC12	Ammonia	1.84	1.0 mg/l
Hobart	20NOV12	Ammonia	3.04	1.4 mg/l
Margaretville-%removals	16OCT12	influent and effluent	CBOD5	not reported
Margaretville-%removals	24OCT12	influent and effluent	suspended solids	not reported
Mountainside	03OCT12	pH	5.71	6.5 - 8.5
Mountainside	03OCT12	Susp.Solids	406	30 mg/l, daily max.
Mountainside	03OCT12	Phosphorus	17.4	3 mg/l
Mountainside	03OCT12	BOD	91.2	80 mg/l
Mountainside	03OCT12	Chloride	676	500 mg/l
Mountainside	17OCT12	Susp.Solids	75	30 mg/l, daily max.
Mountainside	17OCT12	Phosphorus	9.23	3 mg/l
Mountainside	07NOV12	pH	6.46	6.5 - 8.5
Mountainside	20NOV12	pH	6.01	6.5 - 8.5
Mountainside	20NOV12	Susp.Solids	163	30 mg/l, daily max.
Mountainside	20NOV12	Phosphorus	3.97	3 mg/l
Mountainside	20DEC12	pH	6.06	6.5 - 8.5
Mountainside	20DEC12	Susp.Solids	83	30 mg/l, daily max.
Stamford	20DEC12	Ammonia	3.00	1.4 mg/l
Walton	10OCT12	Susp.Solids	12.7	11 mg/l
Walton	12DEC12	Flow	1.654	1.55 MGD, 30-day A.M.

Mountainside Farms is currently under a DEC consent order; a full plant modification is in design and construction has been started.

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 NH<sub>3</sub> 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
03OCT12		no violations	
10OCT12		no violations	
07NOV12		no violations	
20NOV12		no violations	
05DEC12		no violations	
12DEC12		no violations	

Boiceville WWTP

date	Parameter	SPDES Violation	SPDES Limit
03OCT12		no violations	
11OCT12		no violations	
07NOV12		no violations	
14NOV12		no violations	
19DEC12		no violations	

Elka Park (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
02OCT12		no violations	

Elka Park (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
13NOV12		no violations	
04DEC12		no violations	
19DEC12		no violations	

Grand Gorge (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
02OCT12		no flow, no sample	
03OCT12		no flow, no sample	
16OCT12		no violations	
17OCT12		no violations	
24OCT12		no violations	

Grand Gorge (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
06NOV12		no flow, no sample	
07NOV12		no flow, no sample	
20NOV12		no flow, no sample	
21NOV12		no flow, no sample	
04DEC12		no violations	
05DEC12		no violations	
19DEC12		no violations	
20DEC12		no violations	

Hunter Highlands (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
10OCT12		no violations	
17OCT12		no violations	

Hunter Highlands (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
07NOV12		no flow, no sample	
28NOV12		no violations	
19DEC12		no violations	

Hunter Village (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
02OCT12		no violations	
03OCT12		no violations	
10OCT12		no violations	

Hunter Village (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
07NOV12		no violations	
20NOV12		no violations	
19DEC12		no violations	

Mountain View Estates, Inc.

date	Parameter	SPDES Violation	SPDES Limit
07NOV12		no violations	

Olive Woods

date	Parameter	SPDES Violation	SPDES Limit
02OCT12		no violations	
13NOV12		no violations	
04DEC12		no violations	
19DEC12		no violations	

Pine Hill (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
02OCT12		no flow, no sample	
03OCT12		no flow, no sample	
16OCT12		no violations	
17OCT12		no violations	
24OCT12		no violations	

Pine Hill (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
06NOV12		no flow, no sample	
07NOV12		no flow, no sample	
20NOV12		no flow, no sample	
21NOV12		no flow, no sample	
04DEC12		no violations	
05DEC12		no violations	
19DEC12		no violations	
20DEC12		no violations	

Prattsville WTP

date	Parameter	SPDES Violation	SPDES Limit
03OCT12		no violations	
10OCT12		no violations	
07NOV12		no violations	
28NOV12		no violations	
05DEC12		no violations	
12DEC12		no violations	

Tannersville (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
02OCT12		no flow, no sample	
03OCT12		no flow, no sample	
16OCT12		no violations	
17OCT12		no violations	
24OCT12		no violations	

Tannersville (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
06NOV12		no flow, no sample	
07NOV12		no flow, no sample	
20NOV12		no flow, no sample	
21NOV12		no flow, no sample	
04DEC12		no violations	
05DEC12		no violations	
19DEC12		no violations	
20DEC12		no violations	

Windham (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
10OCT12		no violations	
17OCT12		no violations	
24OCT12		no violations	

Windham (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
07NOV12		no flow, no sample	
20NOV12		no violations	
26NOV12		no violations	
28NOV12		no violations	
05DEC12		no violations	
12DEC12		no violations	

**Delaware District:**

Andes (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
31OCT12		no violations	

Andes (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
14NOV12		no violations	
28NOV12		no violations	
05DEC12		no violations	
12DEC12		no violations	
26DEC12		no violations	

Delhi WWTP

date	Parameter	SPDES Violation	SPDES Limit
10OCT12		no violations	
24OCT12		no violations	
14NOV12		no violations	
28NOV12		no violations	
12DEC12		no violations	
26DEC12		no violations	

Fleischmanns WWTP

date	Parameter	SPDES Violation	SPDES Limit
03OCT12		no violations	
17OCT12		no violations	
07NOV12		no violations	
20NOV12		no violations	
05DEC12		no violations	
20DEC12	Ammonia	2.6	1.4 mg/l 30-day A.M.

Grahamsville WWTP

date	Parameter	SPDES Violation	SPDES Limit
03OCT12		no violations	
07NOV12		no violations	
14NOV12		no violations	
05DEC12	Ammonia	1.84	Notification Action Level=1.0 mg/l



Hobart

date	Parameter	SPDES Violation	SPDES Limit
03OCT12		no violations	
17OCT12		no violations	
07NOV12		no violations	
20NOV12	Ammonia	3.04	1.4 mg/l
05DEC12		no violations	
20DEC12		no violations	

Margaretville

date	Parameter	SPDES Violation	SPDES Limit
02OCT12		no violations	
03OCT12		no violations	
16OCT12		no violations	
17OCT12		no violations	
24OCT12		no violations	
06NOV12		no violations	
07NOV12		no violations	
20NOV12		no violations	
21NOV12		no violations	
04DEC12		no violations	
05DEC12		no violations	
19DEC12		no violations	
20DEC12		no violations	

Margaretville--% removals

date	Parameter	SPDES Violation	SPDES Limit
02OCT12		% removals okay	
16OCT12	influent and effluent CBOD5	not reported	
16OCT12		% suspended solids removals okay	
24OCT12	influent and effluent suspended solids	not reported	
24OCT12		% CBOD5 removals okay	
06NOV12		% removals okay	
20NOV12		% removals okay	
04DEC12		% removals okay	
19DEC12		% removals okay	

Mountainside Farms - Delaware County Dairies

date	Parameter	SPDES Violation	SPDES Limit
03OCT12	pH	5.71	6.5 - 8.5
03OCT12	Suspended Solids	406	30 mg/l, daily max.
03OCT12	Phosphorus	17.4	3 mg/l
03OCT12	BOD	91.2	80 Action Level > 50 mg/l
03OCT12	Chloride	676	500 mg/l
17OCT12	Suspended Solids	75	30 mg/l, daily max.
17OCT12	Phosphorus	9.23	3 mg/l, 30-day A.M.
31OCT12		no violations	
07NOV12	pH	6.46	6.5 - 8.5
20NOV12	pH	6.01	6.5 - 8.5
20NOV12	Suspended Solids	163	30 mg/l, daily max.
20NOV12	Phosphorus	3.97	3 mg/l
28NOV12		no violations	
05DEC12		no violations	
20DEC12	pH	6.06	6.5 - 8.5
20DEC12	Suspended Solids	83	30 mg/l, daily max.

Roxbury Run (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
03OCT12		no violations	
17OCT12		no violations	

Roxbury Run (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
07NOV12		no violations	
20NOV12		no violations	
05DEC12		no violations	
20DEC12		no violations	

Stamford WWTP

date	Parameter	SPDES Violation	SPDES Limit
03OCT12		no violations	
17OCT12		no violations	
07NOV12		no violations	
20NOV12		no violations	
05DEC12		no violations	
06DEC12		no violations	
20DEC12	Ammonia	3.00	1.4 mg/l

Walton WWTP

date	Parameter	SPDES Violation	SPDES Limit
10OCT12	Suspended Solids	12.7	11 mg/l
24OCT12		no violations	
14NOV12		no violations	
28NOV12		no violations	
12DEC12	Flow	1.654	1.55 MGD, 30-day A.M.
26DEC12		no violations	

Delaware County BOCES

date	Parameter	SPDES Violation	SPDES Limit
10OCT12		no violations	
24OCT12		no violations	
14NOV12		no violations	
28NOV12		no violations	
12DEC12		no violations	
26DEC12		no violations	

Section 2

CATSKILL DISTRICT

Obs	PLANT	COLLECT	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS
1	ASHLAND WTP	03OCT2012	16.4	7.01	8.3	-0.10	-3.0	.	-1.0
2	ASHLAND WTP	10OCT2012	15.5	6.98	8.0	-0.10	-3.0	.	-1.0
3	ASHLAND WTP	07NOV2012	11.5	7.25	.	-0.10	-3.0	.	-1.0
4	ASHLAND WTP	20NOV2012	17.5	7.03	7.5	-0.10	-3.0	.	-1.0
5	ASHLAND WTP	05DEC2012	15.1	7.21	7.1	0.10	-3.0	.	-2.0
6	ASHLAND WTP	05DEC2012	16.3	7.36	.	0.10	.	.	.
7	ASHLAND WTP	12DEC2012	17.5	7.08	4.7	0.15	-3.0	.	-1.0
8	BOICEVILLE WTP	03OCT2012	20.8	7.67	8.9	0.20	.	-3	-2.0
9	BOICEVILLE WTP	11OCT2012	18.7	7.84	9.3	0.10	.	-3	-1.0
10	BOICEVILLE WTP	07NOV2012	16.5	7.58	9.5	0.15	.	-3	-1.0
11	BOICEVILLE WTP	14NOV2012	16.7	8.04	9.7	0.35	.	-3	-1.0
12	BOICEVILLE WTP	19DEC2012	14.3	7.78	10.7	0.20	.	-3	-1.0
13	ELKA PARK	02OCT2012	15.3	7.67	9.1	0.10	.	-3	-2.0
14	ELKA PARK	13NOV2012	8.9	7.24	11.4	-0.10	.	-3	-1.0
15	ELKA PARK	04DEC2012	10.3	7.65	11.0	0.25	.	-3	-1.0
16	ELKA PARK	19DEC2012	5.9	7.03	11.5	0.10	.	-3	-1.0

Obs	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
1	-0.1	.	0.056	-0.20	.	.	-0.04	.	-1	.	.
2	-0.1	.	0.062	-0.20	.	.	-0.04	.	-1	.	.
3	-0.1	.	0.013	1.23	.	.	-0.04	.	-1	.	.
4	-0.1	.	0.063	1.99	.	.	0.12	.	-1	.	.
5	-0.1	.	0.039	13.20	.	.	-0.04	.	-1	.	.
6	.	.	.	.	.	.	.	.	.	.	.
7	-0.1	.	0.040	9.12	.	.	-0.04	.	-1	.	.
8	-0.1	.	0.035	0.32	.	.	0.05	.	-1	.	.
9	-0.1	.	0.048	0.46	.	.	-0.04	.	-1	.	.
10	-0.1	.	0.063	1.29	.	.	-0.04	.	-1	.	.
11	-0.1	.	0.063	0.66	.	.	0.06	.	-1	.	.
12	-0.1	.	0.086	0.20	.	.	-0.04	.	-1	.	.
13	-0.1	.	0.168	-0.20	.	.	-0.04	.	-1	.	.
14	-0.1	.	0.109	-0.20	.	.	-0.04	.	-1	.	.
15	-0.1	.	0.117	-0.20	.	.	-0.04	.	-1	.	.
16	-0.1	.	0.104	-0.20	.	.	-0.04	.	-1	.	.

Section 2

CATSKILL DISTRICT

Obs	PLANT	COLLECT	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS
17	GRAND GORGE	02OCT2012	.	.	.	.	.	-3	-1.1
18	GRAND GORGE	03OCT2012	.	.	.	.	.	.	.
19	GRAND GORGE	16OCT2012	.	.	.	.	.	.	-1.0
20	GRAND GORGE	17OCT2012	.	.	.	.	.	.	.
21	GRAND GORGE	24OCT2012	.	.	.	.	.	-3	.
22	GRAND GORGE	06NOV2012	.	.	.	.	.	-3	-1.0
23	GRAND GORGE	07NOV2012	.	.	.	.	.	.	.
24	GRAND GORGE	20NOV2012	.	.	.	.	.	-3	-1.0
25	GRAND GORGE	21NOV2012	.	.	.	.	.	.	.
26	GRAND GORGE	04DEC2012	.	.	.	.	.	-3	-1.0
27	GRAND GORGE	05DEC2012	.	.	.	.	.	.	.
28	GRAND GORGE	19DEC2012	.	.	.	.	.	-3	-1.0
29	GRAND GORGE	20DEC2012	.	.	.	.	.	.	.
30	HUNTER HIGHLANDS	10OCT2012	15.2	7.51	9.7	0.15	.	-3	1.0
31	HUNTER HIGHLANDS	17OCT2012	16.1	7.43	9.5	2.00	.	.	-1.0
32	HUNTER HIGHLANDS	07NOV2012	9.7	7.78	.	0.10	3.1	.	-1.0

Obs	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
17	.	.	0.028	-0.20	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	-1	.	.
19	.	.	0.014	-0.20	.	.	.	.	.	.	.
20	.	.	.	.	.	.	.	.	-1	.	.
21	.	.	.	.	.	.	.	.	.	.	.
22	.	.	0.023	-0.20	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	-1	.	.
24	.	.	0.015	-0.20	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	-1	.	.
26	.	.	0.014	-0.20	.	.	.	.	.	.	.
27	.	.	.	.	.	.	.	.	-1	.	.
28	.	.	0.035	-0.20	.	.	.	.	.	.	.
29	.	.	.	.	.	.	.	.	-1	.	.
30	-0.1	.	0.006	-0.20	.	.	-0.04	.	-1	.	.
31	-0.1	.	0.005	-0.20	.	.	-0.04	.	-1	.	.
32	-0.1	.	0.008	-0.20	.	.	-0.04	.	-1	.	.

Section 2

CATSKILL DISTRICT

Obs	PLANT	COLLECT	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS
33	HUNTER HIGHLANDS	28NOV2012	.	.	11.4	.	.	.	.
34	HUNTER HIGHLANDS	17DEC2012	.	.	.	0.15	.	.	.
35	HUNTER HIGHLANDS	19DEC2012	8.2	7.44	11.8	0.10	.	4	-2.0
36	HUNTER WTP	02OCT2012	16.8	6.74	9.1	0.10	-3	.	-1.0
37	HUNTER WTP	03OCT2012	17.0	6.97	.	0.10	.	.	.
38	HUNTER WTP	10OCT2012	15.9	6.53	9.4	0.20	-3	.	-1.0
39	HUNTER WTP	07NOV2012	10.1	7.12	.	0.10	-3	.	-1.0
40	HUNTER WTP	20NOV2012	10.0	6.55	11.7	0.20	-3	.	-1.0
41	HUNTER WTP	19DEC2012	8.5	6.47	10.8	0.20	-3	.	-1.0
42	MOUNTAIN VIEW	07NOV2012	13.7	7.58	.	0.10	.	-3	-1.0
43	OLIVE WOODS	02OCT2012	16.6	7.91	9.2	-0.10	.	-3	-1.0
44	OLIVE WOODS	13NOV2012	13.5	7.46	10.3	0.10	.	-3	-1.0
45	OLIVE WOODS	04DEC2012	10.9	7.80	11.5	0.10	.	-3	-1.0
46	OLIVE WOODS	19DEC2012	9.2	7.62	11.7	0.10	.	-3	-1.0
47	PINE HILL	02OCT2012	.	.	.	.	-3	.	-1.0
48	PINE HILL	03OCT2012	.	.	.	.	.	.	.

Obs	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
33	.	.	.	.	.	.	.	.	.	.	.
34	.	.	.	.	.	.	.	.	.	.	.
35	-0.1	.	0.009	-0.20	.	.	-0.04	.	-1	.	.
36	-0.1	.	0.006	-0.20	.	.	-0.04	.	-1	.	.
37	.	.	.	.	.	.	.	.	.	.	.
38	-0.1	.	0.007	-0.20	.	.	-0.04	.	-1	.	.
39	-0.1	.	0.008	-0.20	.	.	-0.04	.	-1	.	.
40	-0.1	.	0.017	-0.20	.	.	0.04	.	-1	.	.
41	-0.1	.	0.022	-0.20	.	.	-0.04	.	-1	.	.
42	-0.1	.	0.037	-0.20	.	.	.	.	-1	.	.
43	-0.1	.	0.073	-0.20	.	.	-0.04	.	-1	.	.
44	-0.1	.	0.063	-0.20	.	.	-0.04	.	-1	.	.
45	-0.1	.	0.058	-0.20	.	.	-0.04	.	-1	.	.
46	-0.1	.	0.056	1.31	.	.	-0.04	.	-1	.	.
47	.	.	0.010	-0.20	.	.	.	.	.	.	.
48	.	.	.	.	.	.	.	.	-1	.	.

## Section 2

## CATSKILL DISTRICT

Obs	PLANT	COLLECT	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS
49	PINE HILL	16OCT2012	.	.	.	.	.	.	-1.0
50	PINE HILL	17OCT2012	.	.	.	.	.	.	.
51	PINE HILL	24OCT2012	.	.	.	.	-3	.	.
52	PINE HILL	06NOV2012	.	.	.	.	-3	.	-1.0
53	PINE HILL	07NOV2012	.	.	.	.	.	.	.
54	PINE HILL	20NOV2012	.	.	.	.	-3	.	-1.0
55	PINE HILL	21NOV2012	.	.	.	.	.	.	.
56	PINE HILL	04DEC2012	.	.	.	.	-3	.	-1.0
57	PINE HILL	05DEC2012	.	.	.	.	.	.	.
58	PINE HILL	19DEC2012	.	.	.	.	-3	.	-1.1
59	PINE HILL	20DEC2012	.	.	.	.	.	.	.
60	PRATTSVILLE WTP	03OCT2012	19.3	7.37	7.7	0.15	.	-3	-1.0
61	PRATTSVILLE WTP	03OCT2012	19.1	7.30	.	0.10	.	.	.
62	PRATTSVILLE WTP	10OCT2012	18.4	7.38	7.3	0.10	.	-3	-1.0
63	PRATTSVILLE WTP	07NOV2012	15.5	7.31	.	0.10	.	-3	-2.0
64	PRATTSVILLE WTP	28NOV2012	14.8	7.27	7.8	0.10	.	.	-2.0

Obs	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
49	.	.	0.006	-0.2	.	.	.	.	.	.	.
50	.	.	.	.	.	.	.	.	-1	.	.
51	.	.	.	.	.	.	.	.	.	.	.
52	.	.	0.007	-0.2	.	.	.	.	.	.	.
53	.	.	.	.	.	.	.	.	-1	.	.
54	.	.	0.005	-0.2	.	.	.	.	.	.	.
55	.	.	.	.	.	.	.	.	-1	.	.
56	.	.	-0.005	-0.2	.	.	.	.	.	-1	.
57	.	.	.	.	.	.	.	.	-1	.	.
58	.	.	0.006	-0.2	.	.	.	.	.	.	.
59	.	.	.	.	.	.	.	.	-1	.	.
60	-0.1	.	0.121	.	.	0.94	-0.04	.	-1	.	.
61	.	.	.	.	.	.	.	.	.	.	.
62	-0.1	.	0.155	.	.	0.85	-0.04	.	-1	.	.
63	-0.1	.	0.102	.	.	0.42	-0.04	.	-1	.	.
64	-0.1	.	0.065	.	.	1.00	-0.04	.	-1	.	.

Section 2

CATSKILL DISTRICT

Obs	PLANT	COLLECT	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS
65	PRATTSVILLE WTP	05DEC2012	15.3	6.98	8.0	0.10	.	-3	-1.0
66	PRATTSVILLE WTP	12DEC2012	13.1	7.25	8.8	0.20	.	-3	-1.0
67	TANNERSVILLE	02OCT2012	.	.	.	.	.	-3	-1.0
68	TANNERSVILLE	03OCT2012	.	.	.	.	.	.	.
69	TANNERSVILLE	16OCT2012	.	.	.	.	.	.	-1.0
70	TANNERSVILLE	17OCT2012	.	.	.	.	.	.	.
71	TANNERSVILLE	24OCT2012	.	.	.	.	.	-3	.
72	TANNERSVILLE	06NOV2012	.	.	.	.	.	-3	-1.0
73	TANNERSVILLE	07NOV2012	.	.	.	.	.	.	.
74	TANNERSVILLE	20NOV2012	.	.	.	.	.	-3	-1.0
75	TANNERSVILLE	21NOV2012	.	.	.	.	.	.	.
76	TANNERSVILLE	04DEC2012	.	.	.	.	.	-3	-1.1
77	TANNERSVILLE	05DEC2012	.	.	.	.	.	.	.
78	TANNERSVILLE	19DEC2012	.	.	.	.	.	-3	-1.0
79	TANNERSVILLE	20DEC2012	.	.	.	.	.	.	.
80	WINDHAM WTP	10OCT2012	15.6	7.49	9.4	0.25	.	-3	-1.0

Obs	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
65	-0.1	.	0.071	.	.	1.10	-0.04	.	-1	.	.
66	-0.1	.	0.082	.	.	0.61	-0.04	.	-1	.	.
67	.	.	0.034	-0.2	.	.	.	.	.	.	.
68	.	.	.	.	.	.	.	.	-1	.	.
69	.	.	0.054	-0.2	.	.	.	.	.	.	.
70	.	.	.	.	.	.	.	.	-1	.	.
71	.	.	.	.	.	.	.	.	.	.	.
72	.	.	0.018	-0.2	.	.	.	.	.	.	.
73	.	.	.	.	.	.	.	.	-1	.	.
74	.	.	0.013	-0.2	.	.	.	.	.	.	.
75	.	.	.	.	.	.	.	.	-1	.	.
76	.	.	0.013	-0.2	.	.	.	.	.	.	.
77	.	.	.	.	.	.	.	.	-1	.	.
78	.	.	0.056	-0.2	.	.	.	.	.	.	.
79	.	.	.	.	.	.	.	.	1	.	.
80	-0.1	.	0.031	-0.2	.	0.66	-0.04	.	-1	.	.



Section 2

CATSKILL DISTRICT

Obs	PLANT	COLLECT	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS
81	WINDHAM WTP	17OCT2012	14.3	7.50	9.7	0.10	.	.	-1.0
82	WINDHAM WTP	24OCT2012	.	.	.	.	.	-3	.
83	WINDHAM WTP	07NOV2012	10.8	7.27	.	0.10	-3	.	-1.0
84	WINDHAM WTP	20NOV2012	10.2	7.34	11.3	0.20	-3	.	-1.0
85	WINDHAM WTP	26NOV2012	8.8	7.08	.	0.95	.	.	.
86	WINDHAM WTP	28NOV2012	.	.	11.3	.	.	.	.
87	WINDHAM WTP	05DEC2012	9.6	7.25	11.1	0.15	-3	.	-1.0
88	WINDHAM WTP	12DEC2012	8.8	7.26	11.7	0.60	-3	.	-1.0

Obs	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
81	-0.1	.	0.020	-0.2	.	-0.20	-0.04	.	-1	.	.
82	.	.	.	.	.	0.50	.	.	.	.	.
83	-0.1	.	0.016	.	.	.	-0.04	.	-1	.	.
84	-0.1	.	0.007	.	.	.	-0.04	.	-1	.	.
85	.	.	.	.	.	.	.	.	.	.	.
86	.	.	.	.	.	.	.	.	.	.	.
87	-0.1	.	-0.005	.	.	.	-0.04	.	-1	.	.
88	-0.1	.	0.008	.	.	.	0.08	.	-1	.	.

## Section 2

## DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS
1	ANDES	10OCT2012	0.008	18.8	8.22	17.0	1.40	-3	.	5.0
2	ANDES	31OCT2012	0.010	17.0	.	12.0	0.65	-3	.	3.4
3	ANDES	14NOV2012	0.002	15.1	8.16	11.2	0.40	-3	.	1.1
4	ANDES	28NOV2012	0.007	14.1	8.18	11.4	0.45	-3	.	1.6
5	ANDES	05DEC2012	.	14.6	7.66	.	0.30	.	.	.
6	ANDES	12DEC2012	0.001	13.8	.	14.0	0.50	-3	.	2.0
7	ANDES	26DEC2012	0.010	11.9	8.08	12.5	0.60	-3	.	1.6
8	DELHI	10OCT2012	0.612	17.1	7.76	9.7	2.50	.	4.4	-1.0
9	DELHI	24OCT2012	0.665	18.2	7.48	8.8	0.65	.	-3.0	2.9
10	DELHI	14NOV2012	0.900	15.5	7.53	9.3	0.60	.	-3.0	1.2
11	DELHI	28NOV2012	0.520	14.1	7.32	9.1	0.15	.	.	1.3
12	DELHI	12DEC2012	0.620	15.2	.	9.3	0.25	.	-3.0	-1.0
13	DELHI	26DEC2012	0.407	12.4	7.93	10.2	1.60	.	-3.0	1.6
14	FLEISCHMANN	03OCT2012	0.032	16.8	7.29	9.3	0.15	.	-3.0	-1.0
15	FLEISCHMANN	17OCT2012	0.019	14.5	7.45	9.1	0.30	.	-3.0	-1.0
16	FLEISCHMANN	07NOV2012	0.049	10.3	7.24	11.6	0.10	.	-3.0	-1.0

Obs	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
1	0.1	.	0.060	-0.20	.	.	.	.	14	.	.
2	-0.1	.	0.019	-0.20	.	.	.	.	5	.	.
3	-0.1	.	0.011	-0.20	.	.	.	.	-1	.	.
4	-0.1	.	0.018	-0.20	.	.	.	.	11	.	.
5	.	.	.	.	.	.	.	.	.	.	.
6	-0.1	.	0.054	-0.20	.	.	.	.	3	.	.
7	-0.1	.	0.065	0.33	.	.	.	.	-1	.	.
8	0.1	.	0.018	-0.20	.	.	-0.04	.	1	.	.
9	0.1	.	0.011	-0.20	.	.	-0.04	.	-1	.	.
10	-0.1	.	0.009	-0.20	.	.	-0.04	.	-1	.	.
11	-0.1	.	0.012	-0.20	.	.	-0.04	.	-1	.	.
12	0.2	.	0.013	-0.20	.	.	-0.04	.	-1	.	.
13	-0.1	.	0.012	-0.20	.	.	-0.04	.	-1	.	.
14	-0.1	.	0.012	-0.20	.	.	-0.04	.	-1	.	.
15	-0.1	.	0.011	-0.20	.	.	-0.04	.	-1	.	.
16	-0.1	.	0.007	-0.20	.	.	-0.04	.	-1	.	.

## Section 2

## DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS
17	FLEISCHMANN	20NOV2012	0.034	11.4	7.21	9.9	0.25	.	-3	-1.0
18	FLEISCHMANN	05DEC2012	0.022	9.5	7.28	11.9	2.30	.	-3	-1.0
19	FLEISCHMANN	05DEC2012	.	10.7	6.92	.	0.15	.	.	.
20	FLEISCHMANN	20DEC2012	0.060	8.6	7.15	13.8	0.15	.	-3	-1.0
21	GRAHAMSVILLE	03OCT2012	0.000	.	.	.	0.15	.	-3	-1.0
22	GRAHAMSVILLE	03OCT2012	0.000	.	.	.	.	.	.	.
23	GRAHAMSVILLE	07NOV2012	.	.	.	.	0.45	.	-3	-1.0
24	GRAHAMSVILLE	07NOV2012	.	.	.	.	.	.	.	.
25	GRAHAMSVILLE	05DEC2012	.	.	.	.	0.15	.	-3	-1.0
26	GRAHAMSVILLE	05DEC2012	.	.	.	.	.	.	.	.
27	GRAHAMSVILLE	14NOV2012	.	16.1	7.63	.	-0.10	.	.	.
28	HOBART	03OCT2012	0.060	19.4	7.39	8.1	0.15	.	-3	-1.0
29	HOBART	17OCT2012	0.066	17.3	7.05	6.3	0.50	.	-3	-1.0
30	HOBART	07NOV2012	0.072	14.9	6.90	8.0	0.10	.	-3	-1.0
31	HOBART	20NOV2012	0.073	10.0	6.78	8.7	0.35	.	-3	-1.0
32	HOBART	05DEC2012	0.072	11.9	7.00	10.7	0.10	.	-3	-1.0

Obs	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
17	-0.1	.	0.010	-0.20	.	.	-0.04	.	-1	.	.
18	0.1	.	0.014	-0.20	.	.	-0.04	.	-1	.	.
19	.	.	.	.	.	.	.	.	.	.	.
20	-0.1	.	0.020	2.60	.	.	-0.04	.	-1	.	.
21	.	.	0.034	-0.20	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	-1	.	.
23	.	.	0.053	-0.20	.	.	.	.	.	.	.
24	.	.	.	.	.	.	.	.	-1	.	.
25	.	.	0.027	1.84	.	.	.	.	.	.	.
26	.	.	.	.	.	.	.	.	-1	.	.
27	.	.	.	.	.	.	.	.	.	.	.
28	-0.1	.	0.052	-0.20	.	.	0.04	.	-1	.	.
29	-0.1	.	0.031	-0.20	.	.	-0.04	.	-1	.	.
30	-0.1	.	0.022	-0.20	.	.	-0.04	.	-1	.	.
31	-0.1	.	0.038	3.04	.	.	-0.04	.	-1	.	.
32	-0.1	.	0.018	-0.20	.	.	-0.04	.	-1	.	.

## Section 2

## DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS
33	HOBART	20DEC2012	0.0700	12.8	6.80	9.8	0.20	.	-3.0	-1.0
34	MARGARETVILLE	02OCT2012	0.0000	.	.	.	.	.	-3.0	-1.0
35	MARGARETVILLE	03OCT2012	0.0000	.	.	.	.	.	.	.
36	MARGARETVILLE	16OCT2012	.	.	.	.	.	.	.	-1.0
37	MARGARETVILLE	17OCT2012	.	.	.	.	.	.	.	.
38	MARGARETVILLE	24OCT2012	.	.	.	.	.	.	-3.0	.
39	MARGARETVILLE	06NOV2012	0.0000	.	.	.	.	.	-3.0	-1.0
40	MARGARETVILLE	07NOV2012	0.0000	.	.	.	.	.	.	.
41	MARGARETVILLE	20NOV2012	0.0000	.	.	.	.	.	-3.0	-1.0
42	MARGARETVILLE	21NOV2012	0.0000	.	.	.	.	.	.	.
43	MARGARETVILLE	04DEC2012	.	.	.	.	.	.	-3.0	-1.0
44	MARGARETVILLE	05DEC2012	.	.	.	.	.	.	.	.
45	MARGARETVILLE	19DEC2012	.	.	.	.	.	.	-3.0	-1.0
46	MARGARETVILLE	20DEC2012	.	.	.	.	.	.	.	.
47	MOUNTAINSIDE FARMS	03OCT2012	0.0370	16.4	5.71	4.8	140.00	91.2	.	406.0
48	MOUNTAINSIDE FARMS	03OCT2012	.	.	.	.	.	.	.	.

Obs	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
33	-0.1	.	0.023	-0.20	.	.	-0.04	.	-1	.	.
34	.	.	0.031	-0.20	.	.	.	.	.	.	.
35	.	.	.	.	.	.	.	.	-1	.	.
36	.	.	0.041	-0.20	.	.	.	.	.	.	.
37	.	.	.	.	.	.	.	.	-1	.	.
38	.	.	.	.	.	.	.	.	.	.	.
39	.	.	0.056	-0.20	.	.	.	.	.	.	.
40	.	.	.	.	.	.	.	.	-1	.	.
41	.	.	0.047	-0.20	.	.	.	.	.	.	.
42	.	.	.	.	.	.	.	.	-1	.	.
43	.	.	0.035	-0.20	.	.	.	.	.	.	.
44	.	.	.	.	.	.	.	.	-1	.	.
45	.	.	0.055	-0.20	.	.	.	.	.	.	.
46	.	.	.	.	.	.	.	.	-1	.	.
47	.	.	17.400	.	0.03	.	.	.	.	.	-0.050
48	.	.	.	.	.	.	.	676	.	.	.

## Section 2

## DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS
49	MOUNTAINSIDE FARMS	17OCT2012	0.0380	12.0	7.30	4.1	20.00	.	.	75.0
50	MOUNTAINSIDE FARMS	17OCT2012	.	.	.	.	.	.	.	.
51	MOUNTAINSIDE FARMS	31OCT2012	0.0360	13.2	.	5.7	.	19.6	.	.
52	MOUNTAINSIDE FARMS	07NOV2012	0.0300	5.4	6.46	9.9	4.30	8.3	.	10.4
53	MOUNTAINSIDE FARMS	07NOV2012	.	.	.	.	.	.	.	.
54	MOUNTAINSIDE FARMS	20NOV2012	0.0500	5.0	6.01	6.4	50.00	28.2	.	163.0
55	MOUNTAINSIDE FARMS	20NOV2012	.	.	.	.	.	.	.	.
56	MOUNTAINSIDE FARMS	28NOV2012	0.0290	.	.	.	.	.	.	.
57	MOUNTAINSIDE FARMS	05DEC2012	0.0370	10.9	6.60	7.6	4.60	9.7	.	20.0
58	MOUNTAINSIDE FARMS	05DEC2012	.	.	.	.	.	.	.	.
59	MOUNTAINSIDE FARMS	20DEC2012	0.0280	8.3	6.06	8.5	20.00	27.9	.	83.0
60	ROXBURY	03OCT2012	0.0044	16.4	7.49	9.8	0.75	.	-3.0	-1.0
61	ROXBURY	17OCT2012	0.0030	11.7	7.52	9.8	1.00	.	-3.0	-1.2
62	ROXBURY	07NOV2012	0.0070	8.0	7.48	12.1	0.85	.	-3.0	-1.0
63	ROXBURY	07NOV2012	.	.	.	.	.	.	.	.
64	ROXBURY	20NOV2012	0.0050	7.4	7.21	10.9	0.40	.	-3.0	-1.0

Obs	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
49	.	.	9.230	.	0.01	.	.	.	.	.	0.180
50	.	.	.	.	.	.	.	265	.	.	.
51	.	.	.	.	.	.	.	.	.	.	.
52	.	.	0.519	.	0.45	.	.	.	.	.	0.075
53	.	.	.	.	.	.	.	324	.	.	.
54	.	.	3.970	.	0.04	.	.	.	.	.	0.079
55	.	.	.	.	.	.	.	333	.	.	.
56	.	.	.	.	.	.	.	.	.	.	0.180
57	.	.	0.440	.	.	.	.	.	.	.	0.077
58	.	.	.	.	0.96	.	.	398	.	.	.
59	.	.	1.850	.	0.95	.	.	370	.	.	0.120
60	-0.1	.	0.265	-0.20	.	.	-0.04	.	-1	.	.
61	-0.1	.	0.220	-0.20	.	.	-0.04	.	1	.	.
62	-0.1	.	.	-0.20	.	.	-0.04	.	-1	.	.
63	.	.	0.233	.	.	.	.	.	.	.	.
64	-0.1	.	0.208	-0.20	.	.	-0.04	.	-1	.	.

## Section 2

## DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS
65	ROXBURY	05DEC2012	0.005	5.9	7.41	13.2	0.90	.	-3.0	-1.0
66	ROXBURY	20DEC2012	0.017	5.5	7.46	15.3	1.20	.	-3.0	-2.0
67	STAMFORD	03OCT2012	0.175	17.5	7.14	8.6	0.20	.	4.0	-1.0
68	STAMFORD	17OCT2012	0.170	14.7	7.17	8.3	0.10	.	5.4	-1.0
69	STAMFORD	07NOV2012	0.297	12.5	6.86	10.3	0.15	.	3.3	-1.0
70	STAMFORD	20NOV2012	0.219	12.3	6.86	9.1	0.20	.	3.1	-1.0
71	STAMFORD	05DEC2012	0.174	12.6	6.99	10.0	0.40	.	5.4	-1.0
72	STAMFORD	05DEC2012	.	11.2	6.64	.	0.45	.	.	.
73	STAMFORD	06DEC2012	0.000	.	.	.	4.90	.	17.9	1.2
74	STAMFORD	20DEC2012	0.311	10.4	6.76	12.6	0.15	.	3.8	-1.0
75	STAMFORD	20DEC2012	.	.	.	.	0.50	.	3.9	-1.0
76	WALTON	10OCT2012	1.096	22.4	7.84	8.1	0.30	.	-3.0	12.7
77	WALTON	24OCT2012	1.497	20.1	7.67	8.8	0.45	.	-3.0	-1.0
78	WALTON	14NOV2012	1.213	17.8	7.79	8.8	0.15	.	-3.0	-1.0
79	WALTON	28NOV2012	1.351	17.2	7.65	8.7	0.30	.	.	-1.0
80	WALTON	12DEC2012	1.654	18.1	.	9.2	0.30	.	-3.0	-1.0

Obs	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
65	0.1	.	0.197	-0.20	.	.	-0.04	.	-1	.	.
66	-0.1	.	0.251	-0.20	.	.	-0.04	.	-1	.	.
67	-0.1	.	0.009	-0.20	.	0.49	-0.04	.	-1	.	.
68	-0.1	.	0.009	0.27	.	1.10	-0.04	.	1	.	.
69	-0.1	.	0.007	-0.20	.	0.59	-0.04	.	4	.	.
70	-0.1	.	0.013	-0.20	.	0.65	-0.04	.	-1	.	.
71	-0.1	.	0.030	-0.20	.	0.85	-0.04	.	-1	.	.
72	.	.	.	.	.	.	.	.	.	.	.
73	-0.1	.	0.017	0.24	.	2.80	-0.04	.	.	.	.
74	-0.1	.	0.012	-0.20	.	3.30	-0.04	.	3	.	.
75	-0.1	.	0.013	3.00	.	2.90	-0.04	.	.	.	.
76	-0.1	.	0.011	0.22	.	1.30	-0.04	.	1	.	.
77	-0.1	.	0.009	-0.20	.	0.50	-0.04	.	-1	.	.
78	-0.1	.	0.053	-0.20	.	0.52	0.04	.	-1	.	.
79	-0.1	.	0.010	-0.20	.	0.52	-0.04	.	-1	.	.
80	-0.1	.	0.008	-0.20	.	0.39	-0.04	.	-1	.	.

Section 2

DELAWARE DISTRICT

Obs	PLANT	COLLECT	FLOW	TEMP	PH	DO	TURB	BOD5	CBOD5	SUSPSLDS
81	WALTON	26DEC2012	1.420	11.1	7.70	10.9	0.30	.	3.8	-1.0
82	WEST DELAWARE BOCES	10OCT2012	0.003	17.6	7.49	6.8	0.75	.	-3.0	-1.0
83	WEST DELAWARE BOCES	24OCT2012	0.004	16.6	6.99	7.1	0.25	.	-3.0	-1.0
84	WEST DELAWARE BOCES	14NOV2012	0.004	15.2	7.47	7.4	0.10	.	-3.0	-1.0
85	WEST DELAWARE BOCES	28NOV2012	0.003	15.7	7.25	6.9	0.15	.	.	-1.0
86	WEST DELAWARE BOCES	12DEC2012	0.005	14.5	7.00	7.4	0.10	.	-3.0	-1.0
87	WEST DELAWARE BOCES	26DEC2012	0.002	13.2	6.89	6.6	2.10	.	-3.0	-2.2

Obs	SETSLDS	TDS	TP	NH3	NO3	TKN	TCREFF	CL	FCOLI	FCCODE	MBAS
81	-0.1	.	0.007	2.71	.	3.10	-0.04	.	-1		.
82	-0.1	660	0.243	-0.20	.	.	.	.	-1		.
83	-0.1	810	0.195	-0.20	.	.	-0.04	.	-1		.
84	-0.1	1000	0.151	-0.20	.	.	-0.04	.	-1		.
85	-0.1	1200	0.117	-0.20	.	.	-0.04	.	-1		.
86	-0.1	940	0.108	0.44	.	.	-0.04	.	-1		.
87	-0.1	760	0.054	-0.20	.	.	-0.04	.	-1		.