

**New York City Department of Environmental Protection
Bureau of Water Supply**

**WWTP Water Quality Sampling Monitoring Semiannual Report
(July 1 – December 31, 2017)**

March 2018

*Prepared in accordance with Section 6.2 of the NYSDOH
2017 Filtration Avoidance Determination*



Prepared by: DEP, Bureau of Water Supply

Introduction

The attached computer output was prepared in accordance with DEP's 2017 Long-term Watershed Protection Program and NYSDOH's 2017 Filtration Avoidance Determination. It reports the results of DEP's monitoring of all New York City-owned wastewater treatment plants (WWTPs) and all non-City-owned WWTPs discharging in the Catskill and Delaware (CAT/DEL) watersheds from July 1, 2017 through December 31, 2017.

The computer output is divided into three tables. The first table, a subset of the second table, lists all of the DEP samples that contravened State Pollutant Discharge Elimination System (SPDES) limits. The second table shows the results by sample date of a comparison between 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 third table is a listing of the raw data for all samples collected in this half year period. Note that DEP's samples are surveillance, not regulatory samples, and single samples that exceed limits may not constitute a true SPDES violation.

The third table of this report is simply an output of the raw data and, as such, includes coding conventions where applicable. Parameters not detected in the effluent are indicated with a "<" sign and the detection limit. For example, <0.20 in the NH3 column means that the total ammonia concentration in the effluent was less than the detection limit of 0.20 mgL⁻¹. Errors occurring in the field or in the lab are noted by "Error". Fcoli code E means estimated.

This report mainly tabulates effluent data; however, influent data are included as the first entry in Table 3 for the five plants that require percent removal calculations (Grand Gorge, Pine Hill, Tannersville, Grahamsville, and Margaretville).

Table 1. DEP samples that contravened SPDES limits July - December 2017.

Catskill System:

Facility	Date	Parameter	Daily Measurement	SPDES Limit
Ashland	03AUG17	Phosphorus	1.38	1.0 mgL ⁻¹
Boiceville	13JUL17	Temperature	22.2°C (72.0°F)	70°F
Boiceville	10AUG17	Temperature	22.3°C (72.1°F)	70°F
Boiceville	12OCT17	Temperature	21.3°C (70.3°F)	70°F
Camp Timberlake	16AUG17	Temperature	21.7°C (71.1°F)	70°F
Elka Park	09AUG17	Ammonia	2.02	2.0 mgL ⁻¹
Trailside at Hunter LLC	18OCT17	Turbidity	24	5.0 NTU
Trailside at Hunter LLC	18OCT17	CBOD	5.6	5 mgL ⁻¹
Trailside at Hunter LLC	18OCT17	Phosphorus	1.95	1.0 mgL ⁻¹
Trailside at Hunter LLC	18OCT17	Sett. Solids	0.3	0.1 mgL ⁻¹
Trailside at Hunter LLC	18OCT17	Susp. Solids	42.4	10 mgL ⁻¹
Hunter	18OCT17	Tot. Chlor. Res.	0.38	0.24 mgL ⁻¹
Olive Woods LLC	13JUL17	Temperature	21.3°C (70.3°F)	70°F
Olive Woods LLC	14DEC17	Ammonia	3.13	2.2 mgL ⁻¹
Oorah Catskill Retreat	06SEP17	pH	9.14	6.5 - 8.5

Table 1. - continuedDelaware System:

Facility	Date	Parameter	Daily Measurement	SPDES Limit
Hanah Country Inn	25OCT17	pH	6.40	6.5 - 8.5
Mountainside Farms Inc.	25SEP17	Nitrate	47.3	20 mgL ⁻¹
Denver Sewer Corp.	06DEC17	Tot. Chlor. Res.	0.33	0.1 mgL ⁻¹
Stamford	04OCT17	Tot. Chlor. Res.	0.56	0.1 mgL ⁻¹
Robert W. Harold Campus	19JUL17	Temperature	21.5°C (70.7°F)	70°F
Robert W. Harold Campus	20SEP17	Temperature	22.1°C (71.8°F)	70°F
Robert W. Harold Campus	11OCT17	Temperature	21.4°C (70.5°F)	70°F
Camp L'Man A'Chai	12JUL17	Temperature	22.0°C (71.6°F)	70°F
Camp L'Man A'Chai	02AUG17	Temperature	21.6°C (70.9°F)	70°F

Table 2. Results of the comparison of effluent concentrations in DEP's samples with the limits of SPDES permits July - December 2017.**Catskill System:**

Ashland WTP

date	Parameter	SPDES Violation	SPDES Limit
13JUL17		no violations	
03AUG17	Phosphorus	1.38	1.0 mgL ⁻¹
07SEP17		no violations	
08NOV17		no violations	
07DEC17		no violations	

Boiceville WWTP

date	Parameter	SPDES Violation	SPDES Limit
13JUL17	Temp	22.2°C (72.0°F)	70°F
10AUG17	Temp	22.3°C (72.1°F)	70°F
14SEP17		no violations	
12OCT17	Temp	21.3°C (70.3°F)	70°F
15NOV17		no violations	
14DEC17		no violations	

Camp Machne Tashbar - seasonal facility

date	Parameter	SPDES Violation	SPDES Limit
12JUL17		no violations	
16AUG17		no violations	

Camp Timberlake - seasonal facility

date	Parameter	SPDES Violation	SPDES Limit
26JUL17	Temp	no violations	70°F
16AUG17		21.7°C (71.1°F)	
06SEP17		no violations	

Elka Park Association (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
09AUG17	Ammonia	2.02	2.0 mgL ⁻¹
13SEP17		no violations	
11OCT17		no violations	

Elka Park Association (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
08NOV17		no violations	
06DEC17		no violations	

Grand Gorge (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
05JUL17		no violations	
06JUL17		no violations	
18JUL17		no violations	
19JUL17		no violations	
01AUG17		no violations	
02AUG17		no violations	
15AUG17		no violations	
16AUG17		no violations	
05SEP17		no violations	
06SEP17		no violations	
19SEP17		no violations	
20SEP17		no violations	
03OCT17		no violations	
04OCT17		no violations	
17OCT17		no violations	
18OCT17		no violations	

Grand Gorge (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
01NOV17		no violations	
02NOV17		no violations	
14NOV17		no violations	
15NOV17		no violations	
05DEC17		no violations	
06DEC17		no violations	
19DEC17		no violations	
20DEC17		no violations	

Grand Gorge--% removals

date	Parameter	SPDES Violation	SPDES Limit
05JUL17		% removals okay	
18JUL17		% removals okay	
01AUG17		% removals okay	
15AUG17		% removals okay	
05SEP17		% removals okay	
19SEP17		% removals okay	
03OCT17		% removals okay	
17OCT17		% removals okay	
01NOV17		% removals okay	
14NOV17		% removals okay	
05DEC17		% removals okay	
19DEC17		% removals okay	

Trailside at Hunter LLC (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
26JUL17		no violations	
09AUG17		no violations	
18OCT17	Turbidity	24	5.0 NTU
18OCT17	CBOD	5.6	5 mgL ⁻¹
18OCT17	Phosphorus	1.95	1.0 mgL ⁻¹
18OCT17	Settleable Solids	0.3	0.1 mgL ⁻¹
18OCT17	Susp.Solids	42.4	10 mgL ⁻¹

Trailside at Hunter LLC (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
08NOV17		no violations	
06DEC17		no violations	

Hunter (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
05JUL17		no violations	
09AUG17		no violations	
28AUG17		no violations	
13SEP17		no violations	
10OCT17		no violations	
18OCT17	Tot. Chlor. Res.	0.38	0.24 mgL ⁻¹

Hunter (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
08NOV17		no violations	
06DEC17		no violations	

Mountain View Estates

date	Parameter	SPDES Violation	SPDES Limit
13JUL17		no violations	
11OCT17		no violations	
30NOV17		no violations	
06DEC17		no violations	

Olive Woods LLC (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
13JUL17	Temp	21.3°C (70.34°F)	70°F
10AUG17		no violations	
14SEP17		no violations	
12OCT17		no violations	

Olive Woods LLC (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
15NOV17		no violations	
14DEC17	Ammonia	3.13	2.2 mgL ⁻¹

Oorah Catskill Retreat - seasonal facility

date	Parameter	SPDES Violation	SPDES Limit
12JUL17		no violations	
02AUG17		no violations	
06SEP17	pH	9.14	6.5 - 8.5

Pine Hill (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
05JUL17		no violations	
06JUL17		no violations	
18JUL17		no violations	
19JUL17		no violations	
01AUG17		no violations	
02AUG17		no violations	
15AUG17		no violations	
16AUG17		no violations	
05SEP17		no violations	
06SEP17		no violations	
19SEP17		no violations	
20SEP17		no violations	
03OCT17		no violations	
04OCT17		no violations	
17OCT17		no violations	
18OCT17		no violations	

Pine Hill (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
01NOV17		no violations	
02NOV17		no violations	
14NOV17		no violations	
15NOV17		no violations	
05DEC17		no violations	
06DEC17		no violations	
19DEC17		no violations	
20DEC17		no violations	

Pine Hill--% removals

date	Parameter	SPDES Violation	SPDES Limit
05JUL17		% removals okay	
18JUL17		% removals okay	
01AUG17		% removals okay	

Pine Hill--% removals - continued

date	Parameter	SPDES Violation	SPDES Limit
15AUG17		% removals okay	
05SEP17		% removals okay	
19SEP17		% removals okay	
03OCT17		% removals okay	
17OCT17		% removals okay	
01NOV17		% removals okay	
14NOV17		% removals okay	
05DEC17		% removals okay	
19DEC17		% removals okay	

Prattsville WTP

date	Parameter	SPDES Violation	SPDES Limit
13JUL17		no violations	
03AUG17		no violations	
07SEP17		no violations	
05OCT17		no violations	
08NOV17		no violations	
07DEC17		no violations	

Tannersville (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
05JUL17		no violations	
06JUL17		no violations	
18JUL17		no violations	
19JUL17		no violations	
25JUL17		no violations	
01AUG17		no violations	
02AUG17		no violations	
15AUG17		no violations	
16AUG17		no violations	
05SEP17		no violations	
06SEP17		no violations	
19SEP17		no violations	
20SEP17		no violations	
03OCT17		no violations	
04OCT17		no violations	
17OCT17		no violations	
18OCT17		no violations	

Tannersville (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
01NOV17		no violations	
02NOV17		no violations	
14NOV17		no violations	
15NOV17		no violations	
05DEC17		no violations	
06DEC17		no violations	
19DEC17		no violations	
20DEC17		no violations	

Tannersville--% removals

date	Parameter	SPDES Violation	SPDES Limit
05JUL17		% removals okay	
18JUL17		% removals okay	
01AUG17		% removals okay	
15AUG17		% removals okay	
05SEP17		% removals okay	
19SEP17		% removals okay	
03OCT17		% removals okay	
17OCT17		% removals okay	
01NOV17		% removals okay	
14NOV17		% removals okay	
05DEC17		% removals okay	
19DEC17		% removals okay	

Windham (summer limits)

date	Parameter	SPDES Violation	SPDES Limit
06JUL17		no violations	
03AUG17		no violations	
21AUG17		no violations	
07SEP17		no violations	
05OCT17		no violations	

Windham (winter limits)

date	Parameter	SPDES Violation	SPDES Limit
08NOV17		no violations	
28NOV17		no violations	
20DEC17		no violations	

Delaware System:

Andes

date	Parameter	SPDES Violation	SPDES Limit
19JUL17		no violations	
09AUG17		no violations	
20SEP17		no violations	
26SEP17		no violations	
25OCT17		no violations	
15NOV17		no violations	
29NOV17		no violations	
13DEC17		no violations	

Delhi WWTP

date	Parameter	SPDES Violation	SPDES Limit
19JUL17		no violations	
09AUG17		no violations	
20SEP17		no violations	
11OCT17		no violations	
15NOV17		no violations	
29NOV17		no violations	
13DEC17		no violations	

Fleischmanns WWTP

date	Parameter	SPDES Violation	SPDES Limit
12JUL17		no violations	
02AUG17		no violations	
06SEP17		no violations	
26SEP17		no violations	
04OCT17		no violations	
08NOV17		no violations	
13DEC17		no violations	
20DEC17		no violations	

Grahamsville WWTP

date	Parameter	SPDES Violation	SPDES Limit
05JUL17		no violations	
02AUG17		no violations	
16AUG17		no violations	
06SEP17		no violations	
04OCT17		no violations	

Grahamsville WWTP - continued

date	Parameter	SPDES Violation	SPDES Limit
01NOV17		no violations	
06DEC17		no violations	

Grahamsville WWTP--% removals

date	Parameter	SPDES Violation	SPDES Limit
05JUL17		% removals okay	
02AUG17		% removals okay	
06SEP17		% removals okay	
04OCT17		% removals okay	
01NOV17		% removals okay	
06DEC17		% removals okay	

Hanah Country Inn and Golf Resort

date	Parameter	SPDES Violation	SPDES Limit
19JUL17		no violations	
09AUG17		no violations	
20SEP17		no violations	
25OCT17	pH	6.40	6.5 - 8.5
15NOV17		no violations	
13DEC17		no violations	

Hobart

date	Parameter	SPDES Violation	SPDES Limit
12JUL17		no violations	
02AUG17		no violations	
06SEP17		no violations	
04OCT17		no violations	
08NOV17		no violations	
29NOV17		no violations	
06DEC17		no violations	

Margaretville

date	Parameter	SPDES Violation	SPDES Limit
05JUL17		no violations	
06JUL17		no violations	
18JUL17		no violations	

Margaretville - continued

date	Parameter	SPDES Violation	SPDES Limit
19JUL17		no violations	
01AUG17		no violations	
02AUG17		no violations	
15AUG17		no violations	
16AUG17		no violations	
05SEP17		no violations	
06SEP17		no violations	
19SEP17		no violations	
20SEP17		no violations	
03OCT17		no violations	
04OCT17		no violations	
17OCT17		no violations	
18OCT17		no violations	
01NOV17		no violations	
02NOV17		no violations	
14NOV17		no violations	
15NOV17		no violations	
05DEC17		no violations	
06DEC17		no violations	
19DEC17		no violations	
20DEC17		no violations	

Margaretville--% removals

date	Parameter	SPDES Violation	SPDES Limit
05JUL17		% removals okay	
18JUL17		% removals okay	
01AUG17		% removals okay	
15AUG17		% removals okay	
05SEP17		% removals okay	
19SEP17		% removals okay	
03OCT17		% removals okay	
17OCT17		% removals okay	
01NOV17		% removals okay	
14NOV17		% removals okay	
05DEC17		% removals okay	
19DEC17		% removals okay	

Mountainside Farms Inc.

date	Parameter	SPDES Violation	SPDES Limit
12JUL17		no violations	
02AUG17		no violations	
20SEP17		no violations	
25SEP17	Nitrate	47.30	20 mgL ⁻¹
04OCT17		no violations	

Mountainside Farms Inc. - continued

date	Parameter	SPDES Violation	SPDES Limit
08NOV17		no violations	
06DEC17		no violations	
20DEC17		no violations	

Denver Sewer Corp.

date	Parameter	SPDES Violation	SPDES Limit
12JUL17		no violations	
02AUG17		no violations	
06SEP17		no violations	
04OCT17		no violations	
08NOV17		no violations	
06DEC17	Tot. Chlor. Res.	0.33	0.1 mgL ⁻¹

Stamford WWTP

date	Parameter	SPDES Violation	SPDES Limit
12JUL17		no violations	
02AUG17		no violations	
06SEP17		no violations	
28SEP17		no violations	
04OCT17	Tot. Chlor. Res.	0.56	0.1 mgL ⁻¹
08NOV17		no violations	
06DEC17		no violations	
13DEC17		no violations	
20DEC17		no violations	

Walton WWTP

date	Parameter	SPDES Violation	SPDES Limit
19JUL17		no violations	
09AUG17		no violations	
20SEP17		no violations	
11OCT17		no violations	
15NOV17		no violations	
29NOV17		no violations	
13DEC17		no violations	

Robert W. Harold Campus

date	Parameter	SPDES Violation	SPDES Limit
19JUL17	Temp	21.5°C (70.7°F)	70°F
09AUG17		no violations	
20SEP17	Temp	22.1°C (71.8°F)	70°F
11OCT17	Temp	21.4°C (70.5°F)	70°F
15NOV17		no violations	
13DEC17		no violations	

Clear Pool Camp

date	Parameter	SPDES Violation	SPDES Limit
10JUL17		no violations	
07AUG17		no violations	
06SEP17		no violations	
02NOV17		no violations	
08NOV17		no violations	
14DEC17		no violations	

Camp L'Man A'Chai - seasonal facility

date	Parameter	SPDES Violation	SPDES Limit
12JUL17	Temp	22.0°C (71.6°F)	70°F
02AUG17	Temp	21.6°C (70.9°F)	70°F

Catskill System

Table 3. Raw Data for CAT/DEL WWTW effluent samples collected July - December 2017. Influent data (*) is included for the five plants that require percent removal calculations (Grand Gorge, Pine Hill, Tannersville, Grahamsville, and Margaretville).

PLANT	SAMPDATE	FLOW	BOD5	CBOD5	CL	DO	FCOLI	NH3	NO3	PH	SETSLDS	SUSPSLDS	TCREFF	TEMP	TP	TURB	MBAS	TDS	TKN
Ashland WTP	2017-07-13	0.005	<3.0			9.1	<1	<0.20		6.48	<0.1	<1.0		16.3	40	0.20			
Ashland WTP	2017-08-03		<3.0			9.1	<1	<0.20		7.04	<0.1	<1.1		17.0	1380	0.15			
Ashland WTP	2017-09-07	0.009	<3.0			9.2	<1	<0.20		6.72	<0.1	<1.0		15.2	172	0.15			
Ashland WTP	2017-11-08	0.0006	<3.0			10.2	<1	<0.20		6.40	<0.1	<1.0		12.5	105	0.10			
Ashland WTP	2017-12-07	0.009	<3.0			10.5	<1	<0.20		6.60	<0.1	<1.1		10.1	142	<0.1			
Boiceville WTP	2017-07-13	0.018		4.2		8.8	<1	0.32		7.58	<0.1	1.5		22.2	311	0.25			
Boiceville WTP	2017-08-10	0.013		<3.0		9.1	<1	<0.20		7.94	<0.1	<1.0		22.3	252	0.25			
Boiceville WTP	2017-09-14	0.016		<3.0		9.0	<1	0.45		7.94	<0.1	1.3		20.9	267	0.50			
Boiceville WTP	2017-10-12	0.016		<3.0		9.3	<1	<0.20		8.22	<0.1	<1.0		21.3	77	0.15			
Boiceville WTP	2017-11-15	0.019		<3.0		10.3	<1	<0.20		7.94	<0.1	<1.1		17.1	99	0.25			
Boiceville WTP	2017-12-14	0.002		<3.0		10.1	<1	<0.20		7.02	<0.1	<1.0		13.6	69	0.30			
Camp Machne Tashbar	2017-07-12			3.0		8.0	<1	<0.20		7.82	<0.1	<1.0	<0.04	22.4	27	0.60			
Camp Machne Tashbar	2017-08-16			<3.0		8.1	<1	<0.20		7.63	<0.1	<1.0	<0.04	20.6	14	0.60			
Camp Timberlake	2017-07-26			<3.0		8.4	<1	<0.20		7.71	<0.1	<1.0		21.1	129	0.10			
Camp Timberlake	2017-08-16			<3.0		8.3	<1	<0.20		7.93	<0.1	<1.0		21.7	192	0.20			
Camp Timberlake	2017-09-06			<3.0		8.7	<1	<0.20		7.85	<0.1	<1.0		18.7	285	<0.1			
Elka Park	2017-08-09			6.4		8.3	E3	2.02		7.42	<0.1	3.7		19.4	1530	3.1			
Elka Park	2017-09-13	0.0043		<3.0		9.2	<1	0.44		7.27	<0.1	<1.0		16.2	977	0.40			
Elka Park	2017-10-11	0.003		<3.0		8.4	E1	0.20		7.34	<0.1	<1.0		19.8	1020	0.15			
Elka Park	2017-11-08	0.0005		<3.0		10.3	<1	<0.20		6.77	<0.1	<1.0		11.2	380	0.20			
Elka Park	2017-12-06	0.0025		<3.0		10.9	<1	<0.20		7.37	<0.1	<1.0		8.1	364	0.15			
Grand Gorge	2017-07-05			<3.0				<0.20				<1.0			41				
Grand Gorge*	2017-07-05			137								246							
Grand Gorge	2017-07-06						<1												
Grand Gorge	2017-07-18			<3.0				<0.20				<1.1			59				
Grand Gorge*	2017-07-18			76.8								59.0							
Grand Gorge	2017-07-19						<1												
Grand Gorge	2017-08-01			<3.0				<0.20				<1.0			27				
Grand Gorge*	2017-08-01			156								135							
Grand Gorge	2017-08-02						<1												
Grand Gorge	2017-08-15			<3.0				<0.20				<1.1			24				
Grand Gorge*	2017-08-15			96.5								102							
Grand Gorge	2017-08-16						<1												

Catskill System

PLANT	SAMPDATE	FLOW	BOD5	CBOD5	CL	DO	FCOLI	NH3	NO3	PH	SETSLDS	SUSPSLDS	TCREFF	TEMP	TP	TURB	MBAS	TDS	TKN
Grand Gorge*	2017-09-05			121								152							
Grand Gorge	2017-09-05			<3.0				<0.20				<1.0			19				
Grand Gorge	2017-09-06						<1												
Grand Gorge	2017-09-19			<3.0				<0.20				<1.0			20				
Grand Gorge*	2017-09-19			152								151							
Grand Gorge	2017-09-20						<1												
Grand Gorge	2017-10-03			<3.0				<0.20				<1.1			25				
Grand Gorge*	2017-10-03			138								183							
Grand Gorge	2017-10-04						<1												
Grand Gorge	2017-10-17			<3.0				<0.20				<1.0			25				
Grand Gorge*	2017-10-17			174								283							
Grand Gorge	2017-10-18						<1												
Grand Gorge	2017-11-01			<3.0				<0.20				<1.0			27				
Grand Gorge*	2017-11-01			69.8								90.0							
Grand Gorge	2017-11-02						<1												
Grand Gorge	2017-11-14			<3.0				<0.20				<1.0			12				
Grand Gorge*	2017-11-14			104								101							
Grand Gorge	2017-11-15						<1												
Grand Gorge*	2017-12-05			142								139							
Grand Gorge	2017-12-05			<3.0				<0.20				<1.1			10				
Grand Gorge	2017-12-06						<1												
Grand Gorge	2017-12-19			<3.0				<0.20				<1.1			9				
Grand Gorge*	2017-12-19			102								125							
Grand Gorge	2017-12-20						<1												
Trailside at Hunter LLC	2017-07-26	0.029		<3.0		8.2	<1	<0.20		7.06	<0.1	<1.0	<0.04	20.7	11	0.25			
Trailside at Hunter LLC	2017-08-09	0.0093		<3.0		8.4	<1	<0.20		7.56	<0.1	<1.0	<0.04	20.1	19	0.20			
Trailside at Hunter LLC	2017-08-28									7.38				19.0		0.80			
Trailside at Hunter LLC	2017-10-18	0.0032		5.6		8.9	E70	0.22		7.16	0.3	42.4	<0.04	15.0	1950	24			
Trailside at Hunter LLC	2017-11-08	0.0062		<3.0		10.3	<1	<0.20		7.10	<0.1	<1.0	<0.04	11.4	10	0.20			
Trailside at Hunter LLC	2017-11-29									6.83				7.7		0.20			
Trailside at Hunter LLC	2017-12-06	0.0093		<3.0		10.4	<1	<0.20		7.11	<0.1	1.1	<0.04	8.0	17	0.75			
Hunter WTP	2017-07-05	0.1262	<3.0			8.7	<1	<0.20		6.93	<0.1	<1.0	0.24	20.4	81	0.15			
Hunter WTP	2017-08-09	0.096	<3.0			8.3	<1	<0.20		6.60	<0.1	<1.0	<0.04	20.4	186	0.15			
Hunter WTP	2017-08-28									6.75				19.4		0.15			
Hunter WTP	2017-09-13		<3.0			9.2	<1	<0.20		6.72	<0.1	<1.1	<0.04	17.8	26	0.15			
Hunter WTP	2017-10-10									6.68				19.1		0.25			

Catskill System

PLANT	SAMPDATE	FLOW	BOD5	CBOD5	CL	DO	FCOLI	NH3	NO3	PH	SETSLDS	SUSPSLDS	TCREFF	TEMP	TP	TURB	MBAS	TDS	TKN
Hunter WTP	2017-10-18	0.118	<3.0			9.6	<1	<0.20		6.69	<0.1	<1.0	0.38	16.1	31	0.15			
Hunter WTP	2017-11-08	0.075	<3.0			10.3	<1	<0.20		7.06	<0.1	<1.1	0.04	12.6	12	0.20			
Hunter WTP	2017-12-06	0.084	<3.0			11.1	<1	<0.20		7.01	<0.1	<1.1	<0.04	9.0	12	0.10			
Mountain View Estates	2017-07-13			<3.0		8.1	<1	<0.20		7.94	<0.1	<1.0		22.8	147	0.15			
Mountain View Estates	2017-10-11			<3.0		8.5	<1	<0.20		8.19	<0.1	<1.1		22.1	390	0.15			
Mountain View Estates	2017-11-30			<3.0		9.4	<1	<0.20		8.28	<0.1	<1.0		14.5	785	0.95			
Mountain View Estates	2017-12-06			<3.0		9.4	<1	<0.20		8.38	<0.1	<1.0		15.7	511	0.25			
Olive Woods LLC	2017-07-13	0.0002		<3.0		8.7	<1	<0.20		7.97	<0.1	<1.0		21.3	16	0.10			
Olive Woods LLC	2017-08-10			<3.0		9.1	<1	0.50		7.91	<0.1	<1.0		19.8	20	0.15			
Olive Woods LLC	2017-09-14	0.001		<3.0		8.9	<1	<0.20		7.63	<0.1	<1.0		19.6	28	<0.1			
Olive Woods LLC	2017-10-12	0.0004		<3.0		9.2	<1	0.49		7.85	<0.1	<1.1		17.8	52	0.10			
Olive Woods LLC	2017-11-15	0.0016		<3.0		10.4	<1	<0.20		7.42	<0.1	<1.0		13.1	33	0.15			
Olive Woods LLC	2017-12-14	0.0001		<3.0		10.5	<1	3.13		7.59	<0.1	<1.0		10.7	81	0.10			
Oorah Catskill Retreat	2017-07-12			<3.0		8.8	<1	0.70		7.49	<0.1	<1.0		18.7	649	0.35			
Oorah Catskill Retreat	2017-08-02			<3.0		8.7	<1	0.34		7.36	<0.1	<1.0		20.1	767	0.20			
Oorah Catskill Retreat	2017-09-06			<3.0		9.2	26	<0.20		9.14	<0.1	<1.1		16.2	327	1.6			
Pine Hill*	2017-07-05		143									225							
Pine Hill	2017-07-05		<3.0					<0.20				<1.1			17				
Pine Hill	2017-07-06						<1												
Pine Hill	2017-07-18		<3.0					<0.20				<1.1			14				
Pine Hill*	2017-07-18		96.2									152							
Pine Hill	2017-07-19						<1												
Pine Hill	2017-08-01		<3.0					<0.20				<1.0			17				
Pine Hill*	2017-08-01		344									145							
Pine Hill	2017-08-02						<1												
Pine Hill*	2017-08-15		318									392							
Pine Hill	2017-08-15		<3.0					<0.20				<1.1			20				
Pine Hill	2017-08-16						<1												
Pine Hill	2017-09-05		<3.0					<0.20				<1.1			23				
Pine Hill*	2017-09-05		287									345							
Pine Hill	2017-09-06						<1												
Pine Hill	2017-09-19		<3.0					<0.20				<1.1			19				
Pine Hill*	2017-09-19		194									366							
Pine Hill	2017-09-20						<1												
Pine Hill*	2017-10-03		242									399							
Pine Hill	2017-10-03		<3.0					<0.20				<1.0			22				
Pine Hill	2017-10-04						<1												

Catskill System

PLANT	SAMPDATE	FLOW	BOD5	CBOD5	CL	DO	FCOLI	NH3	NO3	PH	SETSLDS	SUSPSLDS	TCREFF	TEMP	TP	TURB	MBAS	TDS	TKN
Pine Hill	2017-10-17		<3.0					<0.20				<1.1			32				
Pine Hill*	2017-10-17		170									351							
Pine Hill	2017-10-18						<1												
Pine Hill	2017-11-01		<3.0					<0.20				<1.1			23				
Pine Hill*	2017-11-01		65.2									84.7							
Pine Hill	2017-11-02						<1												
Pine Hill*	2017-11-14		113									132							
Pine Hill	2017-11-14		<3.0					<0.20				<1.1			13				
Pine Hill	2017-11-15						<1												
Pine Hill	2017-12-05		<3.0					<0.20				<1.0			14				
Pine Hill*	2017-12-05		137									176							
Pine Hill	2017-12-06						<1												
Pine Hill	2017-12-19		<3.0					<0.20				<1.1			12				
Pine Hill*	2017-12-19		138									255							
Pine Hill	2017-12-20						<1												
Prattsville WTP	2017-07-13	0.016		<3.0		6.9	<1			7.29	<0.1	<1.0		18.9	47	0.15			0.90
Prattsville WTP	2017-08-03	0.024		<3.0		5.2	<1			6.94	<0.1	<1.0		20.0	28	0.15			1.3
Prattsville WTP	2017-08-23									7.02				19.9		0.15			
Prattsville WTP	2017-09-07	0.02		<3.0		5.4	<1			6.97	<0.1	<1.0		19.4	25	0.15			1.1
Prattsville WTP	2017-10-05	0.025		<3.0		7.2	<1			6.97	<0.1	<1.0		19.3	31	0.10			0.83
Prattsville WTP	2017-10-10									6.99				19.5		0.10			
Prattsville WTP	2017-11-08	0.014		<3.0		8.2	<1			6.98	<0.1	<1.0		17.3	44	0.10			1.1
Prattsville WTP	2017-12-07	0.015		<3.0		8.3	<1			7.19	<0.1	<1.0		15.4	53	0.10			1.0
Tannersville	2017-07-05		<3.0					<0.20				<1.1			162				
Tannersville*	2017-07-05		118									158							
Tannersville	2017-07-06						<1												
Tannersville*	2017-07-18		119									134							
Tannersville	2017-07-18		<3.0					<0.20				<1.1			51				
Tannersville	2017-07-19						<1												
Tannersville	2017-07-25														32				
Tannersville	2017-08-01		<3.0					<0.20				<1.1			23				
Tannersville*	2017-08-01		118									145							
Tannersville	2017-08-02						<1												
Tannersville	2017-08-15		<3.0					<0.20				<1.0			20				
Tannersville*	2017-08-15		108									97.5							
Tannersville	2017-08-16						<1												

Catskill System

PLANT	SAMPDATE	FLOW	BOD5	CBOD5	CL	DO	FCOLI	NH3	NO3	PH	SETSLDS	SUSPSLDS	TCREFF	TEMP	TP	TURB	MBAS	TDS	TKN
Tannersville*	2017-09-05			110								148							
Tannersville	2017-09-05			<3.0				<0.20				<1.1			23				
Tannersville	2017-09-06						<1												
Tannersville*	2017-09-19			163								120							
Tannersville	2017-09-19			<3.0				<0.20				<1.1			52				
Tannersville	2017-09-20						<1												
Tannersville*	2017-10-03			144								140							
Tannersville	2017-10-03			<3.0				<0.20				<1.1			46				
Tannersville	2017-10-04						<1												
Tannersville*	2017-10-17			130								168							
Tannersville	2017-10-17			<3.0				<0.20				<1.0			37				
Tannersville	2017-10-18						<1												
Tannersville*	2017-11-01			51.9								54.7							
Tannersville	2017-11-01			<3.0				<0.20				<1.1			10				
Tannersville	2017-11-02						<1												
Tannersville*	2017-11-14			108								119							
Tannersville	2017-11-14			<3.0				<0.20				<1.1			8				
Tannersville	2017-11-15						<1												
Tannersville*	2017-12-05			87.6								79.8							
Tannersville	2017-12-05			<3.0				<0.20				<1.1			9				
Tannersville	2017-12-06						<1												
Tannersville	2017-12-19			<3.0				<0.20				<1.0			18				
Tannersville*	2017-12-19			88.8								91.0							
Tannersville	2017-12-20						<1												
Windham WTP	2017-07-06			<3.0		9.0	<1	<0.20		6.67	<0.1	<1.0	<0.04	19.6	12	<0.1			0.53
Windham WTP	2017-07-06			<3.0				<0.20				<1.1	<0.04		11				0.46
Windham WTP	2017-08-03	0.172		<3.0		9.1	<1	<0.20		7.07	<0.1	<1.0	<0.04	19.3	13	0.10			0.62
Windham WTP	2017-08-21									6.74				18.5		0.10			
Windham WTP	2017-09-07	0.174		<3.0		9.2	<1	<0.20		7.40	<0.1	<1.0	<0.04	17.4	12	0.25			0.72
Windham WTP	2017-10-05	0.13		<3.0		9.4	<1	<0.20		6.72	<0.1	<1.0	<0.04	16.9	10	0.15			0.56
Windham WTP	2017-11-08	0.188	<3.0			10.1	<1			6.92	<0.1	<1.1	<0.04	13.3	20	0.30			
Windham WTP	2017-11-28									6.40				10.2		0.15			
Windham WTP	2017-12-20	0.163	5.3			11.2	<1			6.62	<0.1	<1.0	<0.04	7.3	16	0.35			

Delaware System

PLANT	SAMPDATE	FLOW	BOD5	CBOD5	CL	DO	FCOLI	NH3	NO3	PH	SETSLDS	SUSPSLDS	TCREFF	TEMP	TP	TURB	MBAS	TDS	TKN
Andes	2017-07-19	0.029	<3.0			8.8	<1	<0.20		7.73	<0.1	<1.0		18.7	50	0.35			
Andes	2017-08-09	0.03	<3.0			8.8	<1	<0.20		7.62	<0.1	<1.1		18.9	50	0.25			
Andes	2017-09-20	0.029	<3.0			8.8	<1	<0.20		7.67	<0.1	<1.0		18.6	37	0.10			
Andes	2017-09-26									7.49				19.3		0.10			
Andes	2017-10-25	0.033	<3.0			9.0	<1	<0.20		7.24	<0.1	<1.0		17.2	39	0.15			
Andes	2017-11-15	0.043	<3.0			9.6	<1	<0.20		7.57	<0.1	<1.1		14.0	19	0.50			
Andes	2017-11-29	0.033	<3.0					<0.20			<0.1	<1.1			15	0.15			
Andes	2017-12-13	0.036	<3.0			10.5	<1	<0.20		7.54	<0.1	<1.1		10.4	13	0.30			
Andes	2017-12-13									7.56				10.4		0.10			
Delhi	2017-07-19	0.635		<3.0		6.5	<1	<0.20		7.65	<0.1	<1.0	0.06	26.1	93	0.45			<0.2
Delhi	2017-08-09	0.397		<3.0		7.3	<1	<0.20		7.25	<0.1	<1.1	<0.04	21.8	30	0.30			<0.2
Delhi	2017-09-20	0.691		<3.0		7.1	<1	<0.20		7.47	<0.1	<1.0	<0.04	24.7	18	0.30			<0.2
Delhi	2017-10-11	0.498		<3.0		7.1	<1	<0.20		7.54	<0.1	<1.1	<0.04	23.9	32	0.55			<0.2
Delhi	2017-11-15	0.676		<3.0		7.9	<1	<0.20		7.41	<0.1	<1.1	<0.04	18.3	95	0.50			<0.2
Delhi	2017-11-29	0.601		<3.0				<0.20			<0.1	1.7	<0.04		49	0.45			<0.2
Delhi	2017-12-13	0.593		<3.0		8.4	<1	<0.20		7.38	<0.1	<1.0	<0.04	14.9	45	0.65			<0.4
Fleischmanns	2017-07-12	0.039		<3.0		8.9	<1	<0.20		7.09	<0.1	<1.0	<0.04	18.3	8	0.25			
Fleischmanns	2017-08-02	0.074		<3.0		8.7	<1	<0.20		6.95	<0.1	<1.0	<0.04	18.5	14	0.10			
Fleischmanns	2017-09-06	0.047		<3.0		8.5	<1	<0.20		7.12	<0.1	<1.1	<0.04	17.7	12	0.20			
Fleischmanns	2017-09-26									7.16				18.2		<0.1			
Fleischmanns	2017-10-04			<3.0		9.7	<1	<0.20		7.25	<0.1	<1.1	<0.04	16.0	9	0.35			
Fleischmanns	2017-11-08	0.034		<3.0		11.3	<1	<0.20		7.34	<0.1	<1.0	<0.04	12.8	8	0.30			
Fleischmanns	2017-12-13									6.80				8.0		0.10			
Fleischmanns	2017-12-20	0.027		<3.0				<0.20			<0.1	<1.0	<0.04		8	0.80			
Fleischmanns	2017-12-20	0.027		<3.0		13.5	<1	<0.20		6.79	<0.1	<1.0	<0.04	7.3	9	0.65			
Grahamsville*	2017-07-05			121								168							
Grahamsville	2017-07-05			<3.0				<0.20				<1.0			72				
Grahamsville	2017-07-05						<1												
Grahamsville	2017-08-02						<1												
Grahamsville	2017-08-02			<3.0				<0.20				<1.1			70				
Grahamsville*	2017-08-02			251								216							
Grahamsville	2017-08-16									7.45				20.2		<0.1			
Grahamsville	2017-09-06						<1												
Grahamsville*	2017-09-06			91.2								122							
Grahamsville	2017-09-06			<3.0				<0.20				<1.1			36				
Grahamsville	2017-10-04			<3.0				<0.20				<1.1			36				
Grahamsville	2017-10-04						<1												
Grahamsville*	2017-10-04			108								93.2							

Delaware System

PLANT	SAMPDATE	FLOW	BOD5	CBOD5	CL	DO	FCOLI	NH3	NO3	PH	SETSLDS	SUSPSLDS	TCREFF	TEMP	TP	TURB	MBAS	TDS	TKN
Grahamsville	2017-11-01			<3.0				<0.20				<1.1			65				
Grahamsville*	2017-11-01			139								141							
Grahamsville	2017-11-01						<1												
Grahamsville*	2017-12-06			118								133							
Grahamsville	2017-12-06						<1												
Grahamsville	2017-12-06			<3.0				1.59				<1.1			41				
Hanah Country Inn and Golf Resort	2017-07-19	0.008				5.8				7.12		1.3		19.7	270				
Hanah Country Inn and Golf Resort	2017-08-09	0.005				6.8				7.30		2.3		19.1	480				
Hanah Country Inn and Golf Resort	2017-09-20	0.004				6.5				7.14		2.3		19.0	343				
Hanah Country Inn and Golf Resort	2017-10-25	0.009				6.1				6.40		1.3		15.4	229				
Hanah Country Inn and Golf Resort	2017-11-15	0.001				9.1				7.31		1.9		10.2	375				
Hanah Country Inn and Golf Resort	2017-12-13	0.002				8.2				7.23		<1.0		8.1	216				
Hobart	2017-07-12	0.078		<3.0		6.1	<1	<0.20		6.58	<0.1	<1.0		19.3	46	0.35			
Hobart	2017-08-02	0.075		<3.0		7.3	<1	<0.20		6.81	<0.1	<1.0		20.2	57	0.30			
Hobart	2017-09-06	0.119		<3.0		8.3	<1	<0.20		6.72	<0.1	<1.0		19.1	18	0.35		530	
Hobart	2017-10-04	0.062		<3.0		6.7	<1	<0.20		6.69	<0.1	<1.0		18.3	22	0.30			
Hobart	2017-11-08	0.1		<3.0		8.1	<1	<0.20		6.95	<0.1	<1.2		16.6	28	0.10			
Hobart	2017-11-29	0.057		<3.0				<0.20			<0.1	<1.0			14	0.10		650	
Hobart	2017-12-06	0.07		<3.0		8.8	<1	<0.20		6.79	<0.1	<1.1		13.9	12	0.50		580	
Margaretville	2017-07-05			<3.0				<0.20				<1.1			62				
Margaretville*	2017-07-05			194								243							
Margaretville	2017-07-06						<1												
Margaretville	2017-07-18			<3.0				<0.20				<1.0			79				
Margaretville*	2017-07-18			164								197							
Margaretville	2017-07-19						<1												
Margaretville	2017-08-01			<3.0				<0.20				<1.1			90				
Margaretville*	2017-08-01			180								265							
Margaretville	2017-08-02						<1												
Margaretville	2017-08-15			3.5				<0.20				<1.1			96				
Margaretville*	2017-08-15			150								229							
Margaretville	2017-08-16						<1												
Margaretville*	2017-09-05			213								315							
Margaretville	2017-09-05			<3.0				<0.20				<1.1			85				
Margaretville	2017-09-06						<1												
Margaretville	2017-09-19			<3.0				<0.20				<1.0			79				
Margaretville*	2017-09-19			210								319							
Margaretville	2017-09-20						<1												
Margaretville*	2017-10-03			174								422							
Margaretville	2017-10-03			<3.0				<0.20				<1.1			88				
Margaretville	2017-10-04						<1												
Margaretville	2017-10-17			<3.0				<0.20				<1.1			80				
Margaretville*	2017-10-17			222								484							

Delaware System

PLANT	SAMPDATE	FLOW	BOD5	CBOD5	CL	DO	FCOLI	NH3	NO3	PH	SETSLDS	SUSPSLDS	TCREFF	TEMP	TP	TURB	MBAS	TDS	TKN
Margaretville	2017-10-18						<1												
Margaretville	2017-11-01			<3.0				<0.20				<1.1			88				
Margaretville*	2017-11-01			127								193							
Margaretville	2017-11-02						<1												
Margaretville*	2017-11-14			180								124							
Margaretville	2017-11-14			<3.0				<0.20				<1.0			47				
Margaretville	2017-11-15						<1												
Margaretville	2017-12-05			<3.0				<0.20				<1.1			46				
Margaretville*	2017-12-05			183								179							
Margaretville	2017-12-06						<1												
Margaretville*	2017-12-19			147								248							
Margaretville	2017-12-19			<3.0				<0.20				<1.1			37				
Margaretville	2017-12-20						<1												
Mountainside Farms	2017-07-12	0.043	<3.0		302	6.2			15.25	7.72		<1.1		29.8	309	0.50	<0.1		
Mountainside Farms	2017-08-02	0.072	<3.0		273	6.9			4.64	7.74		<1.0		27.7	115	0.45	<0.1		
Mountainside Farms	2017-09-20	0.296	<3.0		355	6.0				7.41		<1.0		27.6	50	0.20	<0.1		
Mountainside Farms	2017-09-25	0.03							47.30										
Mountainside Farms	2017-10-04		<3.0		394	7.9			16.46	7.56		<1.1		22.6	97	<0.1	<0.1		
Mountainside Farms	2017-11-08	0.048	<3.0		345	7.7			1.39	7.67		<1.1		21.3	15	<0.1	<0.1		
Mountainside Farms	2017-12-06	0.047	<3.0		325	7.8			13.25	7.61		<1.1		20.8	17	0.10	<0.1		
Mountainside Farms	2017-12-20	0.076	<3.0		330				0.80			<1.0			16	0.55	Cancel		
Denver Sewer Corp.	2017-07-12	0.017		<3.0		7.3	<1	<0.20		7.06	<0.1	<1.0	<0.04	18.4	77	0.60			
Denver Sewer Corp.	2017-08-02	0.005		<3.0		7.5	<1	<0.20		7.24	<0.1	<1.1	<0.04	18.0	83	0.55			
Denver Sewer Corp.	2017-09-06	0.006		<3.0		7.5	<1	<0.20		6.93	<0.1	<1.1	<0.04	16.3	87	1.0			
Denver Sewer Corp.	2017-10-04			<3.0		7.4	E10	<0.20		6.92	<0.1	<1.0	<0.04	15.8	84	1.3			
Denver Sewer Corp.	2017-11-08	0.008		<3.0		9.1	<1	<0.20		7.77	<0.1	<1.1	<0.04	10.4	91	0.55			
Denver Sewer Corp.	2017-12-06	0.006		<3.0		10.6	<1	<0.20		7.29	<0.1	<1.1	0.33	7.6	75	0.85			
Stamford	2017-07-12	0.214		4.3		8.4	<1	0.67		6.93	<0.1	<1.0	<0.04	17.3	23	0.30			1.4
Stamford	2017-08-02	0.169		6.5		8.6	<1	<0.20		6.83	<0.1	<1.0	<0.04	18.3	30	0.50			0.51
Stamford	2017-09-06	0.159		<3.0		8.7	<1	<0.20		6.58	<0.1	<1.0	<0.04	18.1	9	0.35			0.74
Stamford	2017-09-28									6.30				18.7		<0.1			
Stamford	2017-10-04			<3.0		9.0	E10	<0.20		6.71	<0.1	<1.0	0.56	17.6	10	0.25			0.64
Stamford	2017-11-08	0.276		<3.0		9.7	<1	<0.20		6.91	<0.1	<1.1	<0.04	13.8	10	0.55			0.34
Stamford	2017-12-06	0.203		<3.0		10.0	<1	<0.20		6.71	<0.1	<1.0	<0.04	11.3	9	0.35			<0.2
Stamford	2017-12-20	0.179		3.8				<0.20			<0.1	<1.0	<0.04		13	0.55			0.51
Walton	2017-07-19	1.43		5.3		8.2	<1	<0.20		7.19	<0.1	<1.0	<0.04	22.5	18	0.30			0.9
Walton	2017-08-09	1.339		4.1		8.2	E3	<0.20		7.16	<0.1	<1.1	<0.04	22.7	23	0.35			1
Walton	2017-09-20	1.28		<3.0		8.1	<1	<0.20		7.48	<0.1	<1.0	0.04	23.1	17	0.25			0.93
Walton	2017-10-11	1.28		<3.0		8.1	E1	<0.20		7.61	<0.1	<1.1	<0.04	23.0	23	0.45			0.86

Delaware System

PLANT	SAMPDATE	FLOW	BOD5	CBOD5	CL	DO	FCOLI	NH3	NO3	PH	SETSLDS	SUSPSLDS	TCREFF	TEMP	TP	TURB	MBAS	TDS	TKN
Walton	2017-11-15	1.336		3.1		8.7	<1	<0.20		7.08	<0.1	3.4	<0.04	18.0	75	0.60			1.8
Walton	2017-11-29	1.254		4.0				<0.20			<0.1	<1.0	<0.04		7	0.10			0.89
Walton	2017-12-13	1.22		4.2		9.6	<1	<0.20		7.23	<0.1	<1.0	<0.04	14.8	9	0.75			0.59
Robert W. Harold Campus	2017-07-19	0.001		<3.0		7.1	<1	<0.20		6.92	<0.1	<1.1		21.5	63	0.30		790	
Robert W. Harold Campus	2017-08-09	0.004		<3.0		7.8	<1	<0.20		7.39	<0.1	<1.0		20.8	107	0.10		950	
Robert W. Harold Campus	2017-09-20	0.558		<3.0		5.2	<1	0.74		6.88	<0.1	<1.1		22.1	94	0.15		1000	
Robert W. Harold Campus	2017-10-11	0.004		<3.0		4.4	<1	0.21		7.38	<0.1	<1.0		21.4	154	0.45		1000	
Robert W. Harold Campus	2017-11-15	0.003		<3.0		5.1	<1	0.86		7.11	<0.1	<1.0		19.4	87	0.60		930	
Robert W. Harold Campus	2017-12-13	0.003		<3.0		9.2	<1	0.27		6.86	<0.1	<1.0		13.8	84	0.90		1100	
CLEAR POOL CAMP	2017-07-10			<3.0		7.2	<1	<0.20		7.36	<0.1	1.0		27.7	19				
CLEAR POOL CAMP	2017-08-07			<3.0		8.0	<1	<0.20		7.59	<0.1	1.2		25.8	22				
CLEAR POOL CAMP	2017-09-06			<3.0		7.0	E1	<0.20		6.67	0.1	1.9		27.9	31				
CLEAR POOL CAMP	2017-11-02			<3.0		7.4	<1	<0.20		7.60	<0.1	<1.0		22.8	43				
CLEAR POOL CAMP	2017-11-08			<3.0		7.7	<1	<0.20		7.96	<0.1	<1.0		21.4	28				
CLEAR POOL CAMP	2017-12-14			<3.0		9.1	<1	<0.20		7.31	<0.1	<1.0		16.6	61				
Camp L'Man A'Chai	2017-07-12			<3.0		8.1	<1	<0.20		7.11	<0.1	<1.1		22.0	320	0.10			
Camp L'Man A'Chai	2017-08-02			<3.0		8.1	<1	<0.20		7.19	<0.1	<1.0		21.6	349	0.35			