

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

**Wastewater Treatment Plant Compliance Inspection Reports  
Summary – 1<sup>st</sup> and 2<sup>nd</sup> quarter 2018**

**September 2018**

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



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**Introduction**

The New York City (NYC) Watershed supplies drinking water to nearly 8,000,000 NYC residents and an additional 1,000,000 residents of upstate communities. The watershed area consists of approximately 2,000 square miles of lands in upstate New York and includes a system of natural and man-made tributaries, which directs the source waters, via subsurface aqueducts, to a series of reservoirs and controlled lakes. Drinking water quality is dependent on maintaining the quality of the source waters that supply the reservoirs within the watershed. Therefore, the source waters must be protected from wastewater treatment plants (WWTP) that are located and discharge within the watershed.

To maintain and provide a safe drinking water supply, the New York City Department of Environmental Protection (DEP) has taken a leadership role in improving and encouraging other communities within the watershed to improve their respective wastewater treatment facilities. Preventing the degradation and contamination of the source waters and reservoirs must include continuous monitoring and a periodic comprehensive review of the WWTP's located within the watershed. The WWTP's vary greatly in size and treatment methods and provide service to municipalities, institutions, commercial businesses, seasonal camps, and private residences. To ensure that these plants are being operated and maintained in accordance with the limits and conditions established in their State Pollutant Discharge Elimination System (SPDES) permits, DEP has instituted a program of inspecting all wastewater facilities within the watershed on a quarterly basis. In addition, DEP incorporates a sampling program of regular monitoring of the effluent parameters of all treatment plants in the watershed. A comparative analysis of DEP monitoring data along with the facility self-monitored effluent readings presented within the Discharge Monitoring Reports (DMR) establishes patterns of compliance. DEP uses these sampling results to assist plant operators or to initiate enforcement activities as necessary.

**Inspection Program Goals**

A number of goals are targeted for the Wastewater Treatment Facility Inspection Program. A primary goal of the program is to identify operational and maintenance (O&M) improvements which will enhance the facility's ability to meet and/or exceed existing SPDES requirements. DEP personnel will share their technical expertise with plant management and operators to offer easy-to-implement operational changes, which may result in significant improvements to the plant's operation. Capital upgrades may also be recommended to ensure long-term compliance with SPDES permit requirements or greater ease and reduced cost of operations.

Following an inspection and review of DEP sampling and the facility's self-monitoring data, if the problems are not evident or easily resolved; the DEP may require that non-compliance be addressed by the permittee through an independent evaluation of the facility. If a facility is not willing to address non-compliance to the conditions of its SPDES permits or if an adequate response is not given, the case will be referred to DEP's legal counsel for follow-up enforcement action.

DEP has taken enforcement actions against a number of wastewater treatment facilities in the watershed for specific violations of their SPDES permits. Under Clean Water Actions filed by the City of New York, wastewater plant owners are often required by DEP legal counsel to enter into orders of consent by which they agree to remediate their facility and return to compliance with the SPDES permit. Regular inspections by DEP personnel ensure that the repairs and/or corrections are being completed in accordance with the consent order.

Regular inspections allow DEP to follow-up on instances of non-compliance, mistakes or problems with self-monitoring reporting or record keeping, or modifications or expansions to the facility. Inspections also allow DEP engineers to maintain a good working relationship with the treatment plant operators in the watershed.

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**Inspection Program Structure**

DEP has a staff of professional engineers and technicians experienced in wastewater treatment facility design and operations. The staff conducts scheduled inspections for all year-round operating wastewater facilities every quarter (four times per year), and inspections in two out of four quarters for seasonal operating facilities, groundwater remediation sites, or industrial permits. To provide for continuity, each staff member is assigned specific facilities for their responsibility. Those staff members have familiarized themselves with their assigned facilities by developing process flow schematics and reviewing as-built drawings and operation and maintenance manuals, where possible. The DMR and DEP sampling data is updated and assessed regularly by the staff person. This data is evaluated to determine if the facility is in compliance with the permitted effluent limits.

Following the inspections, the reports are sent to the facility owner and operator, the New York State Department of Environmental Conservation (NYSDEC), and the New York State Department of Health (NYSDOH), or County/local Health Department, where appropriate. Copies are also provided to the U.S. Environmental Protection Agency (USEPA). The staff person will be available for follow-up discussions, as necessary. The report is intended to initiate a two-way discussion between the owner/operator and DEP.

Unless required in milestones for a consent order or under an enforcement action related to permit exceedances, the facility owner with the help of the plant operator is responsible for scheduling capital upgrades or O&M changes as needed to allow the plant to continue to operate efficiently. DEP may become involved in these discussions when necessary. Since most facilities are inspected four times per year, DEP staff has a greater opportunity to discuss compliance issues with the operator and owner. If necessary, DEP will take enforcement action to ensure timely compliance. For example, if DEP finds that a facility owner is not responsive to suggestions to correct a violation or is dissatisfied with the speed or effort of a remediation, a 60-Day Notice of Intent to Sue under the Federal Clean Water Act filed by the New York City Law Department is an option the DEP has gone to in order to legally force compliance.

**Compliance Inspection Report Content**

This report meets the requirements of Filtration Avoidance Determination for the first and second quarter of 2018. Included in the Deliverable are the Compliance Inspection summaries for each facility in the Catskill/Delaware and Croton Watershed that was inspected. Each Compliance Inspection summary contains the following: 1) Facility name and SPDES Permit Number, 2) General Comments, 3) Inspection dates and findings, 4) SPDES permit exceedances/violations, 5) Enforcement actions by DEP, and 6) Miscellaneous items.

There are also industrial facilities or groundwater remediation systems that are either no longer discharging to surface waters, or are groundwater remediation sites, which are closed in accordance with the NYSDEC. These sites continue to be monitored via the national Permit Compliance System (PCS System). These facilities have surface water discharge permits; however they are not inspected routinely nor reported on because of the lack of activity. In the event that any discharge is reported, or observed during DEP informal site visits, regular inspections will be initiated at such facilities.

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**Facility: Andes**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Pepacton	NY0262854	Yes	No	Yes

**Comments**

None.

**Inspections**

On February 21, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A7. Influent Impact on Operations' received a rating of Unsatisfactory with comments: 'The average flow for 2017 was 40,000 GPD which is up from 27,000 GPD in 2016. The flow for the month of February ranged between 55,000 and 65,000 GPD with a maximum day of 69,000 gals. The facility will meet with the Town to discuss options related to I&I. They are going to camera the collection system. At the time of the inspection they were running all of the systems at a high rate to keep up with the influent flow.'

On May 30, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A7. Influent Impact on Operations' received a rating of Unsatisfactory with comments: 'They are working on I&I issues. The flow for yesterday was 33,800 gallons. The average flow for 2017 was 40,000 GPD which is up from 27,000 GPD in 2016.'

**SPDES Permit Exceedance(s)**

On January 1, 2018, a DMR monitoring result indicated a violation of FLOW EFFLUENT 30 DAY AVG with a result of 0.064 MGD, exceeding the SPDES limit of 0.062 MGD.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Ashland**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0263214	Yes	No	Yes

**Comments**

None.

**Inspections**

On January 29, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 1, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Boiceville**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Ashokan	NY0274038	Yes	No	Yes

**Comments**

None.

**Inspections**

On January 16, 2018, staff performed a Reconnaissance Inspection of the facility. They were scheduled to conduct clean-in-place (CIP) on the microfiltration (MF) units as well as the annual visual inspection of the membranes by opening the side of the tanks. The inside of the tanks are clean.

On January 23, 2018, staff performed a Reconnaissance Inspection of the facility. There was 2 to 3 inches of rain today in a short period of time. The rain, along with high temperatures and snow melt, raised flow to the plant via I&I. The main source of I&I was previously determined to be on Deerfield Lane, however, excavation work is needed to correct the problem. Other sources of I&I were found and corrected last year, greatly reducing the hydraulic load to the plant.

The chief operator shut the aeration in the Sequential Batch Reactor (SBR) tanks to let solids settle, then manually decanted the tanks. This process reduces the risk of losing the blanket and carrying over solids to the sand filters. There was no incident, spill or violation and the rain stopped and influent flow had reduced. The SBR was put back in normal run mode.

On February 7, 2018, staff performed a Reconnaissance Inspection of the facility. They were conducting a CIP on the #2 MF unit. They also opened up the side cover to manual check and clean any residual solids.

On March 1, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 1, 2018, staff performed a Reconnaissance Inspection of the facility. The operators recently found a large source of I&I on Deerfield Ave. They discovered a separated cleanout pipe; it has been repaired. They have installed a new dryer and filter on the MF unit compressors.

On June 12, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On March 31, 2018, a DMR monitoring result indicated a violation of CBOD5 DAILY MAX with a sample result of 5.8 mg/l, exceeding the SPDES limit of 5.0 mg/l. A report of non-compliance event was submitted to DEC/DEP. The CBOD sample in the beginning of March was 5.8 mg/l. The operator suspected lab error and obtained another sample for CBOD, as well as NH3, on March 15, 2018. The second sample showed the BOD at <4.0 mg/l and the NH3 was 0.18 mg/l. There was no reason noted for the first exceedance. The DEP laboratory sample for the month was <3.0 mg/l.

**Enforcements**

None.

**Miscellaneous**

None.



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**Facility: Chichester (NYCDEP)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Ashokan	NY0233943	Yes	No	Yes

**Comments**

None.

**Inspections**

On February 9, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 9, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

This is a DEP owned facility. The WWTP Compliance and Inspection group does not have any regulatory authority over this facility.

**Miscellaneous**

None.

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**Facility: Delhi**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0020265	Yes	No	Yes

**Comments**

None.

**Inspections**

On February 21, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 30, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On April 30, 2018, a DMR monitoring result indicated a violation of TURBIDITY with a sample result of 5.39 NTU, exceeding the SPDES limit of 5 NTU. A Report of Noncompliance Event was filed with DEC/DEP. The violation was caused by a lack of flow to the turbidity meter. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process. Given the isolated nature of this reading, no enforcement is necessary.

On May 31, 2018, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 72 °F, exceeding the SPDES limit of 70 °F. A Report of Noncompliance Event was filed with DEC/DEP. The violation was caused by high influent temperature due to industrial activity. No long term corrective action is planned.

On June 30, 2018, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 78 °F, exceeding the SPDES limit of 70 °F. A Report of Noncompliance Event was filed with DEC/DEP. The violation was caused by high influent temperature due to industrial activity. No long term corrective action is planned.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Denver Sewer Corp. (Roxbury Run Village)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Pepacton	NY0099562	Yes	No	Yes

**Comments**

None.

**Inspections**

On February 16, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A9. Flow Metering' received a rating of Marginal with comments: 'The operators have been entering the value for effluent flow on the DMR's which is listed as influent. The facility does not plan on replacing the influent flow meter. The NYSDEC has stated they can use the microfiltration effluent flow meters to report flow. The SPDES permit should be modified to record effluent flow. In lieu of installing an influent flow meter, a formal request can be made to the NYSDEC to possibly modify the SPDES permit to show effluent flow. There should be a chart recorder installed to receive a signal from the MF units to continuously record the flow which is also required by the SPDES Permit unless the NYSDEC considers that the computer tracking is equivalent.'

On June 21, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A9. Flow Metering' received a rating of Marginal with comments: 'The operators have been entering the value for effluent flow on the DMR's which is listed as influent. The facility does not plan on replacing the influent flow meter. The NYSDEC has stated they can use the microfiltration effluent flow meters to report flow. The SPDES permit should be modified to record effluent flow. In lieu of installing an influent flow meter, a formal request can be made to the NYSDEC to possibly modify the SPDES permit to show effluent flow. There should be a chart recorder installed to receive a signal from the MF units to continuously record the flow which is also required by the SPDES Permit unless the NYSDEC considers that the computer tracking is equivalent.'

**SPDES Permit Exceedance(s)**

On January 1, 2018, a DMR monitoring result indicated a violation of CBOD5 DAILY MAX with a sample result of 5.7 mg/l, exceeding the SPDES limit of 5.0 mg/l. A Report of Noncompliance Event wasn't filed with DEC/DEP. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process. Given the isolated nature of this reading, no enforcement is necessary.

On January 10, 2018, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 1.37 mg/L, exceeding the SPDES parameter limit of 1.3 mg/L. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process. Given the isolated nature of this reading, no enforcement is necessary.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Elka Park Association**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0092991	Yes	No	Yes

**Comments**

None.

**Inspections**

On January 25, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 16, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Fleischmanns**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Pepacton	NY0261521	Yes	No	Yes

**Comments**

None.

**Inspections**

On January 22, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'B2. Influent channel' received a rating of Marginal with comments: 'OK, looks good. Increased rag loading now with new pumps passing solids to WWTP, should be dealt with. Auger overloaded. Engineer still working on solution. Has not impacted downstream components.'

On April 6, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A7. Collection system/Influent impact' received a rating of Marginal with comments: 'Flow into WWTP is decreased, summer residents no longer in town. Significantly reduced rag loading to pumps with summer residents gone, new pumps did a good job chopping up the rags and sending them down to the WWTP. Rags must now be dealt with at WWTP, which is preferable to lift station overflows. Engineer still working on plan with operator to deal with the rags. Normal flow and CBOD loading. New collection system hookups planned for 2018, may add to rag loading. Village leaders should consider public outreach to reduce the amount of debris/flushable wipes conveyed to WWTP.'

Item: 'B2. Influent channel' received a rating of Marginal with comments: 'OK, looks good. Increased rag loading now with new pumps passing solids to WWTP, should be dealt with. Auger overloaded. Engineer working on solution. Operator getting quotes for fine screen system. Has not impacted downstream components.'

**SPDES Permit Exceedance(s)**

On February 28, 2018, a DMR monitoring result indicated a violation of CHLOR EFFL RESID DAILY MAX with a sample result of 0.12 mg/l, exceeding the SPDES limit of 0.1 mg/l. A Report of Noncompliance Event was filed with DEC/DEP. High chlorine reading due to bench test error. The operator was trained on proper collection and analysis. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process. Given the isolated nature of this reading, no enforcement is necessary.

On April 30, 2018, a DMR monitoring result indicated a violation of CHLOR EFFL RESID DAILY MAX with a sample result of 0.22 mg/l, exceeding the SPDES limit of 0.1 mg/l. A Report of Noncompliance Event was filed with DEC/DEP. This chlorine measurement was erroneous; it was taken prior to dechlorination and there was no discharge at the time. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process. Given the isolated nature of this reading, no enforcement is necessary.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Friesland Campina - DOMO (Cooling Water)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0262838	Yes	No	Yes

**Comments**

None.

**Inspections**

On June 13, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On January 31, 2018, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 71 °F, exceeding the SPDES limit of 70 °F. A Report of Noncompliance Event was filed with DEC/DEP. The violation was caused by short term high cooling load led to minimal exceedance.

On June 30, 2018, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 79 °F, exceeding the SPDES limit of 70 °F. A Report of Noncompliance Event was filed with DEC/DEP. The violation was caused by several short-term temperature exceedances throughout the month, however, downstream monitoring showed no temperature increase. The plant is looking at adding additional cooling capacity.

**Enforcements**

None.

**Miscellaneous**

This permitted discharge is for the cooling water only. It is not related to the industrial pre-treatment facility for their process water.

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**Facility: Grahamsville (NYCDEP)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Rondout	NY0026549	Yes	No	Yes

**Comments**

None.

**Inspections**

On March 27, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 10, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

This is a DEP owned facility. The WWTP Compliance and Inspection group does not have any regulatory authority over this facility.

**Miscellaneous**

None.

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**Facility: Grand Gorge (NYCDEP)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0026565	Yes	No	Yes

**Comments**

None.

**Inspections**

On February 23, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 25, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

This is a DEP owned facility. The WWTP Compliance and Inspection group does not have any regulatory authority over this facility.

**Miscellaneous**

None.



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**Facility: Hanah Country Inn & Golf Resort**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Pepacton	NY0249777	Yes	No	Yes

**Comments**

None.

**Inspections**

On February 16, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 21, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Hobart**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0029254	Yes	No	Yes

**Comments**

None.

**Inspections**

On March 1, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 21, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Hunter**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0241075	Yes	No	Yes

**Comments**

None.

**Inspections**

On February 1, 2018, staff performed a Follow-up Inspection of the facility in response to a positive Giardia result. The CBUD filters were working well at the time of the inspection. The units are air lanced quarterly and were all done in the beginning of January. On January 23, 2018, a DEP laboratory sample was taken, results for Giardia showed 1 cyst in 50 liters processed. The facility was contacted and a turbidity report was requested for the sample date. The maximum turbidity was 0.50 NTU's for an instant with zero minutes above the 0.5 NTU maximum. The effluent flow for the day was 346,000 gallons due to 1.5 inches of rain coupled with snow melt. This followed a busy ski weekend; peak flow reached 300 GPM. The facility changed over from sand filter #3 to #2 to avoid coagulant and flock issues after the sample was obtained, the effluent turbidity recorded a peak of 0.49 NTU's at 1700 hours. The operator air lanced filter #3 following the sample result.

On March 23, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A7. Influent Impact on Operations' received a rating of Marginal with comments: 'Periodically, the Town Drinking Water Plant has a malfunction that causes a large quantity of water to be discharged to the WWTP collection system. Depending on the duration of the incident, it sometimes leads to an overflow at the last manhole prior to the Liftside pump station. The operators have changed the pumps and piping configuration in that pump station to increase the flow rate. This has reduced the number of overflows, but they still happen. The last overflow was on 03/02/2018 and on 01/15/2018 a malfunction sent 131,000 gallons to that pump station after midnight.'

On May 2, 2018, staff performed a Reconnaissance Inspection of the facility. The plant was having trouble with their chlorine analyzer, they could not keep the chlorine level stable. The operator was manually testing chlorine levels hourly to maintain proper residual. They have successfully replaced parts to get the unit operational but the unit will become obsolete. They are looking to replace the unit in the near future.

On June 8, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 18, 2018, staff performed a Reconnaissance Inspection of the main lift station at base of Hunter Mountain and portable toilets and RV's located there for a festival. No overflows noted there. Also checked adjacent areas for parked RV's with overflowing waste tanks, none noted.

**SPDES Permit Exceedance(s)**

None.

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**Facility: Hunter (continued)**

**Enforcements**

On March 2, 2018, a Report of Noncompliance Event was filed with DEC/DEP, for a wastewater spill. The Liftside pump station that feeds the Hunter WWTP had an overflow. The amount of the overflow was estimated to be between 3,000 and 5,000 gallons. It was caused by the backwash flow at the Town of Hunter water treatment plant. When the water plant operator backwashes the sand filters, it periodically causes an overflow at that pump station. The rain and snowmelt during the day added to the problem. There is a large swale area, adjacent to the station, that acts as a detention pond. At the end of that area, there is a built-up dam that holds back a considerable amount before it overflows. The overflow area is 50 feet from the creek.

On June 9, 2018, a Report of Noncompliance Event was filed with DEC/DEP, for a wastewater spill. Manhole # 125 on Main Street had a blockage and a slight overflow of roughly 100 gallons. The leak was in a manhole right in front of a gas station/convenience store. Water bubbles came up from the perimeter of the lid. It was the country music festival weekend and a hauler was in town and came immediately to clear the blockage and pump down the manhole. There was a new lateral connection install a month ago on which may have been the source of the gravel and debris within the line. There was no impact to any nearby watercourse.

The DEC issued a notice of violation on September 11, 2018 in response to several collection system overflows, dating back to June 2017. The Village received a deadline of January 11, 2019 to submit an engineering report that describes the causes of the overflows and corrective measures, including a schedule of tasks, to address the issues.

**Miscellaneous**

None.

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**Facility: Kraft Dairy (Cooling Water)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0008494	Yes	No	Yes

**Comments**

None.

**Inspections**

On June 13, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

This permitted discharge is for the cooling water only. It is not related to the industrial pre-treatment facility for their process water.

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**Facility: L'man Achai (Camp)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Pepacton	NY0104957	Yes	Yes	Yes

**Comments**

This facility is used on a seasonal basis for the summer months only.

**Inspections**

On June 13, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Machne Tashbar (Camp)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0263061	Yes	No	Yes

**Comments**

None.

**Inspections**

On June 18, 2018 RCI staff performed a Reconnaissance Inspection of the facility wet well. No overflows noted.

On June 27, 2018 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A6. Influent impact on operations' received a rating of Unsatisfactory with comments: 'Camp residency occurred at end of June when plant was not fully operational. As per operator, he was not notified and there was an overflow of untreated wastewater from the main equalization tank in the facility driveway. The flow did reach the roadway and then went subsurface in the rip-rap adjacent to the roadway. It is imperative that clear and open communications occur between facility owner and the WWTP operator to ensure that wastewater overflows do not occur in the future.'

Item: 'B1. Pump stations' received a rating of Unsatisfactory with comments: 'There was an overflow of untreated wastewater from the main equalization tank pump station onto the facility driveway. The flow did reach the roadway and then went subsurface in the rip-rap adjacent to the roadway.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Margaretville (NYCDEP)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Pepacton	NY0026531	Yes	No	Yes

**Comments**

None.

**Inspections**

On February 14, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 8, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

This is a DEP owned facility. The WWTP Compliance and Inspection group does not have any regulatory authority over this facility.

**Miscellaneous**

None.



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**Facility: Mountain View Estates**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0263052	Yes	No	Yes

**Comments**

None.

**Inspections**

On March 26, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 5, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On February 22, 2018, a DEP laboratory sample indicated an exceedance of Phosphorus with a sample result of 1.48 mg/L, exceeding the SPDES parameter limit of 1.0 mg/L. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process. Given the isolated nature of this reading, no enforcement is necessary.

On June 27, 2018, a DEP laboratory sample indicated an exceedance of pH with a sample result of 6.37 SU, exceeding the SPDES parameter limit of 6.5 SU. The likely cause are the very low flows running through the facility. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process. Given the isolated nature of this reading, no enforcement is necessary.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Mountainside Farms Inc.**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Pepacton	NY0084590	Yes	No	Yes

**Comments**

None.

**Inspections**

On February 16, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'B1. Influent Pumps' received a rating of Marginal with comments: 'The pump station is located behind the dairy plant and is maintained by the dairy facility, not the WWTP operators. Special attention should be given to preventative maintenance of pump station as well as the force mains.'

Item: 'E2. UV units' received a rating of Marginal with comments: 'New sensors and ballasts were on order. The lamps are on but the intensity meters are not working properly.'

On June 21, 2018 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'B1. Influent Pumps' received a rating of Marginal with comments: 'The pump station is located behind the dairy plant and is maintained by the dairy facility, not the WWTP operators. Special attention should be given to preventative maintenance of pump station as well as the force mains.'

Item: 'E1. Turbidity' received a rating of Marginal with comments: 'The effluent turbidity meter is not working and there are limited parts available for the HACH 1720E unit. It is an old unit and they are looking into replacing the entire unit at this point. They are presently using the MBT turbidity meter to monitor effluent turbidity. The display is inoperable, however, the computer is showing and recording a valid number of 0.018 NTU's. In a follow up phone call on July 6th it was determined they are going to make a decision on the meters in the near future.'

Item: 'E2. UV units' received a rating of Unsatisfactory with comments: 'New sensors, ballasts, lamps and quartz sleeves were on hand and needed to be replaced. The "A" unit was not working at all and the "B" unit was showing a low intensity of only 2.0 mW/cm<sup>2</sup>. In a follow up phone call on July 6<sup>th</sup>, the operator confirmed all of the parts on the "A" unit were replaced and the display is showing a dosage rate of 14.0 mW/cm<sup>2</sup>. The "B" unit lamps and sleeves are scheduled to be replaced on July 9th. This category will be changed to "S" for the next inspection.'

**SPDES Permit Exceedance(s)**

On January 1, 2018, a DMR monitoring result indicated a violation of FLOW INFL DAILY MAX with a sample result of 0.075 MGD, exceeding the SPDES limit of 0.064 MGD. A Report of Noncompliance Event was filed with DEC/DEP. A wash valve was left open in the production plant causing an excess amount of waste water to be pumped to the WWTP plant. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Oh-Neh-Tah (Camp)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0205460	Yes	Yes	Yes

**Comments**

This facility is used on a seasonal basis for the summer months only.

The camp will not open during the summer season; it has been closed since 2011. The WWTP is monitored and routinely run in recirculation mode by a certified WWTP operator. A new collection system for the entire camp was added during the facility upgrade at the camps expense.

**Inspections**

On March 27, 2018, staff performed a Reconnaissance Inspection of the facility. This was an off-season winter inspection. There was no alarms and no issued noted. Lots of snow around building, tanks and PODS.

On June 14, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A4. Stand-by Power' received a rating of Marginal with comments: 'The generator alarm was on and the unit is running in manual mode, not auto. The running hour meter showed 186.7 hours with 13.1 volts on the charger. The block heater was on and the water temp was 76 degrees.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Olive Woods LLC. (Woodstock Percussion)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Ashokan	NY0098281	Yes	No	Yes

**Comments**

None.

**Inspections**

On February 15, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 29, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A9. Testing Procedures' received a rating of Marginal with comments: 'pH buffer solutions have an expiration date of March 2018. New set is on hand and should be used from this point on.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Oorah Catskill Retreat**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0069957	Yes	Yes	Yes

**Comments**

None.

**Inspections**

On June 26, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A8. Preventative Maintenance' received a rating of Unsatisfactory with comments: 'The facility needs to make repairs in the off season to prevent problems from arising during the limited time (2 weeks) during pre-season start up. They have major problems that need to be addressed, there is not enough time to make repairs prior to the campers arriving and a full flow rate through the WWTP. There is a new operator at the facility. He's worked hard to find the problems and make required repairs.'

Item: 'B1. Pump Station' received a rating of Unsatisfactory with comments: 'The interconnection from the WWTP pump station to the Party City sub-surface system is complete with two motor operated valves and a control panel with running hour meters installed. The facility did not contact the DEP to have that work inspected, it is not confirmed if the work is done according to plan. The pump station controls are not working properly. The high level alarm is continuously on now and the light flashes but the audio alarm was de-activated. The lead pump float switch activates both pumps, not just a lead pump. It is not known what the lag pump float switch does at this point. The installation of the new panel has altered all of the controls for the WWTP. The new operator has contacted installer to have him return and make corrections.'

Item: 'D2. Open Bed Sand Filters' received a rating of Unsatisfactory with comments: 'A leak in the #3 liner was repaired in the summer of 2011. The sand was replaced and started restricting flow the following year, the bed has not worked properly since. The wastewater just ponds on top of the sand. The sand installed was not correct for this application. The previous operator has stated the owners were going to replace the sand for a few years now. One of the six beds is considered the reserve bed. With this bed out of service, there is no reserve unit.'

Item: 'D5. Pressurized mixed media filters' received a rating of Unsatisfactory with comments: 'The PVC piping is broken on this system and it is being by passed at this time.'

Item: 'D6. Microfiltration (Pall)' received a rating of Unsatisfactory with comments: 'Microfiltration unit "B" needs a new pump/motor. The pump is on hand and needs to be replaced. Without this unit, there is no reserve. The other two units are considered lead, the third is a back-up unit.'

Item: 'E2. Post Aeration Tank' received a rating of Unsatisfactory with comments: 'Blower #1 is out of service. There is no power to the VFD. There is no back up blower at this point.'

On July 11, 2018, staff performed a follow-up inspection to verify plant repairs. The new operator made a lot of repairs in a very short period of time. The following items were addressed:

A-8 Preventative Maintenance – Rating has improved from Unsatisfactory to Satisfactory.

B-1 Pump Station - The contractor who installed the control panel returned and replaced the high level alarm float switch. The switch was full with water and damaged; the panel is working properly. The pump station control is fully operational.

D-2 Open Bed Sand Filter - The operator stated the camp manager is will replace sand this off-season.

D-5 Pressurized Filters - PVC repairs were made in August, system is operational.

D-6 Microfiltration - MF unit "B" has a new pump/motor, unit is operational.

E-2 Post Aeration - The VFD for blower # 1 was replaced and unit is operational now.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Pine Hill (NYCDEP)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Ashokan	NY0026557	Yes	No	Yes

**Comments**

None.

**Inspections**

On March 29, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A11. SPDES Permit' received a rating of Marginal with comments: 'The SPDES permit on site expired on 01/31/2012. They have a request in with the DEC to increase the effluent temperature limit and are waiting for the modified permit.'

On June 22, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A11. SPDES Permit' received a rating of Marginal with comments: 'The SPDES permit on site expired on 01/31/2012. They have a request in with the DEC to increase the effluent temperature limit and are waiting for the modified permit. The DEC did not increase the limit however they changed it to an action limit which requires upstream and downstream sampling if an exceedance occurs.'

**SPDES Permit Exceedance(s)**

On January 2, 2018, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 2.50 mg/L, exceeding the SPDES parameter limit of 2.2 mg/L. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process. Given the isolated nature of this reading, no enforcement is necessary.

**Enforcements**

This is a DEP owned facility. The WWTP Compliance and Inspection group does not have any regulatory authority over this facility.

**Miscellaneous**

None.

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**Facility: Prattsville**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0263028	Yes	No	Yes

**Comments**

None.

**Inspections**

On March 27, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 26, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D3. Sand Filters' received a rating of Marginal with comments: 'The # 2 compressor for the Sand Filter needs to be replaced. It was very loud at the time of the inspection but it does work and generates the required pressure. They received an estimate for replacing just the single compressor head on a double head unit. They will order it as soon as possible. The sand filter influent turbidity meter was reading 5.92 NTU's. and the effluent was 4.62 NTU's.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Richardson Hill Road Landfill**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0413008	Yes	No	Yes

**Comments**

None.

**Inspections**

On June 11, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.



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**Facility: Robert W. Harold Campus (BOCES)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0097446	Yes	No	Yes

**Comments**

None.

**Inspections**

On March 28, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 11, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Roxbury Lift Station**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Pepacton	RC0000008	Yes	No	No

**Comments**

None.

**Inspections**

On March 9, 2018, staff performed a Reconnaissance Inspection of the facility. All items inspected were found to be satisfactory.

On June 4, 2018, staff performed a Reconnaissance Inspection of the facility. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Saputo Foods USA LLC (Cooling Water)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0068292	Yes	No	Yes

**Comments**

None.

**Inspections**

On June 13, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

This permitted discharge is for the cooling water only. It is not related to the industrial pre-treatment facility for their process water.

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**Facility: Stamford**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0021555	Yes	No	Yes

**Comments**

None.

**Inspections**

On February 15, 2018, staff performed a Reconnaissance Inspection of the facility. The facility reported a spill of approximately 500 gallons onto plant grounds. Inspected spill area, no wastewater reached watercourse.

On March 19, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 23, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On April 30, 2018, a DMR monitoring result indicated a violation of FLOW INFL 30 DAY AVG with a sample result of 0.718 MGD exceeding the SPDES limit of 0.7 MGD. A Report of Noncompliance Event was filed with DEC/DEP. Rain induced I&I caused flow exceedance. Operator working with village to get funding to repair leaks. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Tannersville (NYCDEP)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0026573	Yes	No	Yes

**Comments**

None.

**Inspections**

On January 9, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 5, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On January 2, 2018, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 2.83 mg/L, exceeding the SPDES parameter limit of 2.2 mg/L. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process.

On February 21, 2018, a DEP laboratory sample indicated an exceedance of Fecal Coliform with a sample result of 420 cfu/100mL, exceeding the SPDES parameter limit of 400 cfu/100mL. A follow-up sample was collected; the fecal coliform result was <1.

**Enforcements**

This is a DEP owned facility. The WWTP Compliance and Inspection group does not have any regulatory authority over this facility.

**Miscellaneous**

None.

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**Facility: Timber Lake (Camp)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Ashokan	NY0240664	Yes	Yes	Yes

**Comments**

None.

**Inspections**

On June 22, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D8. Microfiltration' received a rating of Marginal with comments: 'There was a fault light on the #2 MF feed pump. It is either the VFD or the motor. In a follow-up conversation with the operator it was determined that the #2 MF unit faulted two more times since the inspection. The operator is ordering a new motor; it will be installed upon arrival. That unit has run for the past four days without any problems. The # 1 unit is programmed to automatically start-up if the #2 unit fails to start.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Trailside at Hunter LLC (Hunter Highlands)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0061131	Yes	No	Yes

**Comments**

None.

**Inspections**

On March 6, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A1. Bldg./grounds/housekeeping' received a rating of Unsatisfactory with comments: 'Buildings in overall operable condition but original building showing wear, concrete stairs leading into building need repair. As previously discussed, several lights in CBUD building need replacement or repair. Garage door having issues, may make chemical deliveries difficult.'

Item: 'A2. Potable Water Supply Prot.' received a rating of Unsatisfactory with comments: 'The back flow preventer was last inspected on 06/26/2016.'

Item: 'A4. Stand-By Power' received a rating of Marginal with comments: 'Battery charger and block heater was in service. The running hour meter showed 962.4 hours. Unit test operates weekly with no issue however unit is showing its age. Given the criticality of the backup power system, it is imperative that the generator be maintained in the best possible manner. Panel fault indicator lamps not functioning and need to be repaired. Surge protection system should be evaluated to ensure proper function. Serviced as needed by contractor, due for service soon. Unit did run well during last power outage which is a positive note.'

Item: 'A5. Alarm Systems' received a rating of Unsatisfactory with comments: 'High tank levels, CL2, building temperature, flow, compressors, UPS power supplies alarmed, however, these systems are not functioning due to inoperable SCADA system. New SCADA approved by DEP.'

Item: 'A10. SCADA and electronics' received a rating of Unsatisfactory with comments: 'Plant being run in batch cycle, typically, in hand mode, so plant is running OK as it is. SCADA system not operational which does not affect plants ability to run, however, does adversely affect alarm and high level systems, call out capability etc. DEP has approved funding the replacement SCADA system. SCADA replacement will add chemical flow pacing to the sand filters which will prevent chemical overdose.'

Item: 'B3. Comminutor' received a rating of Unsatisfactory with comments: 'Comminutor not working and should be repaired or replaced. Plans being made to have contractor fix or apply to DEC for permission to have it removed.'

Item: 'D5. Compressor' received a rating of Marginal with comments: 'Main compressor repaired and secondary side also repaired and operational. Air dryer bypassed but turned on, operator does not know why, but will look into putting it fully back in service. The air drier should be enabled to ensure optimal air supply to the CBUD filters.'

Item: 'D7. CBUD Sand Filters' received a rating of Unsatisfactory with comments: 'Units need to be air lanced 1x/month during ski season. At a minimum during non-ski season, first stage air lanced 4x/year, second stage 1-2x/year. Train 2 (the 1 train in use) was air lanced in January and February 2018 which is good. Unfortunately, this did not prevent a recent Giardia detection of 76. A thorough evaluation of the CBUD system indicated that the probable cause was PAC overdose since chemical flow pacing is not working with the lack of proper SCADA. New SCADA funding approved by DEP.'

Item: 'D8. Turbidity Monitoring' received a rating of Unsatisfactory with comments: 'Turbidity meters calibrated 06/15/2016, due 06/2017. Units not calibrated, 1 display failing, needs replacement. Data can be read on the new SCADA HMI panel. HACH scheduled to come in for service.'

On June 29, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A4. Stand-By Power' received a rating of Marginal with comments: 'Battery charger and block heater was in service. The running hour meter showed 962.4 hours. Unit test operates weekly with no issue however unit is showing its age. Given the criticality of the backup power system, it is imperative that the generator be maintained in the best possible manner. Panel fault indicator lamps not functioning and need to be repaired. Surge protection system should be evaluated to ensure proper function. Serviced as needed by contractor, due for service soon. Unit did run well during last power outage which is a positive note.'

Item: 'D8. Turbidity Monitoring' received a rating of Unsatisfactory with comments: 'Turbidity meters calibrated 06/15/2016, due 06/2017. Units not calibrated, 1 display failing, needs replacement. Data can be read on the new SCADA HMI panel. HACH scheduled to come in for service.'

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**Facility: Trailside at Hunter LLC (Hunter Highlands) (continued)**

**SPDES Permit Exceedance(s)**

On February 28, 2018, a DMR monitoring result indicated a violation of CBOD5 LBS DAILY MAX with a sample result of 1.77 lbs/d, exceeding the SPDES limit of 1.67 lbs/d. A Report of Noncompliance Event was filed with DEC/DEP. Lack of operable SCADA system led to violations, new system approved by DEP, yet to be installed.

On February 28, 2018, a DMR monitoring result indicated a violation of CBOD5 DAILY MAX with a sample result of 9.5 mg/l, exceeding the SPDES limit of 5.0 mg/l. A Report of Noncompliance Event was filed with DEC/DEP. Lack of operable SCADA system led to violations, new system approved by DEP, yet to be installed.

On February 28, 2018, a DMR monitoring result indicated a violation of TIME TURBIDITY with a sample result of 4,095 Minutes, exceeding the SPDES limit of 2,160 Minutes. A Report of Noncompliance Event was filed with DEC/DEP. Lack of operable SCADA system led to violations, new system approved by DEP, yet to be installed.

On March 15, 2018, a DEP laboratory sample indicated an exceedance of CBOD5 with a sample result of 5.5 mg/L, exceeding the SPDES parameter limit of 5.0 mg/L. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process. Given the isolated nature of this reading, no enforcement is necessary.

On March 31, 2018, a DMR monitoring result indicated a violation of TIME TURBIDITY with a sample result of 11,415 Minutes, exceeding the SPDES limit of 2,160 Minutes. A Report of Noncompliance Event was filed with DEC/DEP. Sand filters finally air lanced properly and now running better. SCADA operational. Plant is in much better shape.

On March 31, 2018, a DMR monitoring result indicated a violation of TURBIDITY with a sample result of 14.39 NTU exceeding the SPDES limit of 5 NTU. A Report of Noncompliance Event was filed with DEC/DEP. Sand filters finally air lanced properly and now running better. SCADA operational. Plant is in much better shape.

**Enforcements**

None.

**Miscellaneous**

The DEP Regulatory Upgrade Program has authorized the replacement of the SCADA system. The system has been installed.



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**Facility: Walton**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0027154	Yes	No	Yes

**Comments**

None.

**Inspections**

On March 28, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'B2. Grit Removal' received a rating of Marginal with comments: 'Grit removal is being performed manually until the unit is repaired. Approximately two cubic yards per month. Grant funding appropriated. Project moving into design phase.'

Item: 'B3. Comminutor' received a rating of Marginal with comments: 'High flow bypasses comminutor and directed to side stream bar screen. Cutters worn and need replacement. Long term solution here hinges on type of grit removal solution implemented. Operators have decided that a screening system would work best since grit removal system is moving forward. Village looking into how to fund this. When installed, rag loading to pumps should be less.'

On June 11, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'B2. Grit Removal' received a rating of Marginal with comments: 'Grit removal is being performed manually until the unit is repaired. Approximately two cubic yards per month. Grant funding appropriated. Project moving into design phase.'

Item: 'B3. Comminutor' received a rating of Marginal with comments: 'High flow bypasses comminutor and directed to side stream bar screen. Cutters worn and need replacement. Long term solution here hinges on type of grit removal solution implemented. Operators have decided that a screening system would work best since grit removal system is moving forward. Village looking into how to fund this. When installed, rag loading to pumps should be less.'

**SPDES Permit Exceedance(s)**

On June 30, 2018, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 75 °F, exceeding the SPDES limit of 70 °F. A Report of Noncompliance Event was filed with DEC/DEP. Upstream/downstream river monitoring indicated that effluent was of acceptable temperature. High ambient summer temperatures plus high industry flow temperatures likely contributing to high effluent temperatures.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Windham**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0262935	Yes	No	Yes

**Comments**

None.

**Inspections**

On March 27, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A1. General' received a rating of Marginal with comments: 'The concrete walkway outside of the door in the mechanical room lifts in the winter months. This blocks the door from opening. This is the only exit to the exterior of the building from that room. One other door exits to the interior. Door should be operational for an emergency exit.'

Item: 'D6. CBUDS - compressor' received a rating of Marginal with comments: 'They received quote of \$30,000 for the replacement of two compressors. The proposal has two separate units each having its own holding tank for the compressed air. They are scheduled to have the new ones installed after the busy ski season.'

On June 14, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A1. General' received a rating of Marginal with comments: 'The concrete walkway outside of the door in the mechanical room lifts in the winter months. This blocks the door from opening. This is the only exit to the exterior of the building from that room. One other door exits to the interior. Door should be operational for an emergency exit.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None

**Miscellaneous**

None.

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**Facility: Carmel Sewer District #2**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Croton Falls	NY0031356	Yes	No	Yes

**Comments**

None.

**Inspections**

On January 4, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 9, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D7 Microfiltration System' received a rating of Marginal with comments: 'Operator stated that the CMFs are having trouble keeping up with influent flow. Each unit requires chemical CIP every day.'

On April 26, 2018, staff performed a Reconnaissance Inspection of the facility. Operations and maintenance appeared satisfactory.

**SPDES Permit Exceedance(s)**

On February 28, 2018, a DMR monitoring result indicated a violation of FECAL COLIFORM 7 DAY AVG with a sample result of 2,490 No/100ml, exceeding the SPDES limit of 400 No/100ml. A report of non-compliance event was submitted to DEC/DEP. There did not appear to be any mechanical or process control abnormalities within the tertiary and disinfection system that could have led to this reading. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process. Given the isolated nature of this reading, no enforcement is necessary.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Clear Pool Camp**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
West Branch	NY0098621	Yes	No	Yes

**Comments**

None.

**Inspections**

On February 28, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 24, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Hill Sparrow (The Fairways at Hill and Dale)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Croton Falls	NY0165719	Yes	No	Yes

**Comments**

None.

**Inspections**

On March 8, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 5, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On January 31, 2018, a DMR monitoring result indicated a violation of FLOW INFLUENT 30 DAY AVG with a reading of 0.086 MGD, exceeding the SPDES limit of 0.065 MGD. A report of non-compliance event was submitted to DEC/DEP. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process. Given the isolated nature of this reading, no enforcement is necessary.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Kent Manor Condominiums**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Croton Falls	NY0207322	Yes	No	Yes

**Comments**

None.

**Inspections**

On March 27, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 13, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Lewisboro Elementary School**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cross River	NY0036684	Yes	No	Yes

**Comments**

The Town of Lewisboro has repurposed the school building for their public safety offices. Plant operation is restored.

**Inspections**

On March 20, 2018, staff performed a Quarterly Inspection of the facility. The school remains closed.

On June 14, 2018, staff performed a Quarterly Inspection of the facility. The school remains closed.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Mahopac (NYCDEP)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Croton Falls	NY0026590	Yes	No	Yes

**Comments**

None.

**Inspections**

On February 2, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 8, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

This is a DEP owned facility. The WWTP Compliance and Inspection group does not have any regulatory authority over this facility.

**Miscellaneous**

None.



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**Facility: Meadows at Cross River Condominiums**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cross River	NY0099520	Yes	No	Yes

**Comments**

None.

**Inspections**

On January 5, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 5, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Michelle Estates Realty Subdivision**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cross River	NY0214841	Yes	No	Yes

**Comments**

None.

**Inspections**

On March 16, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 8, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: North Castle and Harrison Pump Stations**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Kensico	RC0000002	Yes	No	No

**Comments**

None.

**Inspections**

DEP conducted reconnaissance inspections throughout the first and second quarter of 2018 at the sewage pump stations in the Town of North Castle on Old Route 22, Cooney Hill Road, Route 120 (Loudens Cove), New King Street, Old Orchard Street and the pump station in the Town of Harrison on Park Lane. The inspections revealed no abnormal conditions.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Waccabuc Country Club**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cross River	NY0105708	Yes	No	Yes

**Comments**

None.

**Inspections**

On March 21, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 21, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: West Lake Sewer Extension**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Kensico	RC0000001	Yes	No	No

**Comments**

None.

**Inspections**

Staff performed inspections of the West Lake Trunk Sewer throughout the first and second quarter of 2018 in conjunction with regularly scheduled storm water BMP inspections within the Kensico Basin. The inspections revealed no abnormal conditions.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

The Westchester County Department of Environmental Facilities (WCDEF) has faithfully submitted the results of the annual inspection and flushing of all associated pipelines, in accordance with the New York State Department of Environmental Conservation (NYSDEC) and the WCDEF Order on Consent (DEC Case No. 3-R3-20030228-17), to all relevant regulatory agencies. No problems within the line were reported.