

**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 2016**

**August 2016**

*Prepared in accordance with Section 6.2 of the NYSDOH  
Revised 2007 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 2016. 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 (T)**

<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 March 16, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 3, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On March 26, 2016, a report of non-compliance event (RNCE) was filed by the facility for an overflow from two manholes located on County Road #1 and caused by accumulation of excessive grease and gravel within the line. The overflow began sometime between the end of the workday on Friday the 25th and continued until the morning of Saturday the 26th. When the operator showed up for his Saturday morning shift, he noticed only 8,000 gallons of influent was received at the WWTP; normal flows through this period are typically 28,000 gallons. This is how the facility estimated the spill volume of 20,000 gallons. The town contracted a jet truck to vacuum the line and remove the blockage; normal flow was restored by 8:50 am on the 26<sup>th</sup>. The operator notified the NYSDEC and DEP by phone but was unable to file with the NY-alert system due to a password issue; new forms and passwords have been established.

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**Facility: Ashland (T)**

<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 February 22, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 6, 2016, 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 (V) WWTP**

<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 6, 2016, staff performed a Follow-up Inspection of the facility. The SBR's are settling well (200 ml/l at 20 minutes) and they have not had any upsets in at least six months. They have the MLSS at 2200 mg/l and are testing it weekly. The reduction of PAC usage and decrease of MLSS along with a proper sludge wasting program has improved plant performance. The plant is no longer impacted by infiltration and inflow (I&I).

On February 16, 2016, 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: 'One of the sand filters works well however the other two should have the air supply tubing replaced. The air lifts are jammed and they cannot be removed to get to the tubing. With the lifts being jammed, the sand needs to be removed to do the repairs. The facility is waiting for estimates to make the repairs.'

On March 23, 2016, staff performed a Follow-up Inspection of the facility. The operators removed the sand from one of the sand filters on their own. They stored the sand in the pit below the filter housing and are leaving it there to de-water. This will save considerable money by just paying for the hauling fee of reduced weight sand. The sand was removed by removing the lower bolt on flange for the piping and flushing it out with water from the top. When it was empty they used a hydraulic jack to push up the air lift that was stuck in place. They are modifying the lift so it can be removed easier in the future from the top without having to remove the sand as it was designed to be done. The original design and manufacturing does not work. They are also going to replace the plastic air lift tubing with stainless steel to prevent it from crimping again.

On April 13, 2016, staff performed a Follow-up Inspection of the facility. The operators removed the sand from the second sand filter and had all of the sand hauled out with a vactor truck. When it was empty, they used a hydraulic jack to push up the air lift that was stuck in place. They still plan on replacing the plastic air lift tubing with stainless steel to prevent it from crimping again.

On May 5, 2016, 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 # 3 unit was in service and works well however the other two needed to have the air supply tubing replaced. Since the last quarterly inspection, the operators removed the sand from the other two sand filters, and had all of the sand hauled out with a vactor truck after they let it naturally dewatered on site. When the filters were empty they used a hydraulic jack to push up the air lifts that were stuck in place. They still plan on replacing the plastic air lift tubing with stainless steel to prevent it from crimping again. They greatly reduced the cost of the repairs by taking on the project themselves. This gave them enough time to learn how the units are assembled and plan the modification of the air lifts. They are going to complete the repairs in the near future.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.



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**Facility: Chichester (NYCDEP) SSTS**

<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 March 2, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 2, 2016, 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 (T)**

<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 11, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 18, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On March 1, 2016, a DMR monitoring result indicated a violation of TURBIDITY with a sample result of 6.34 NTU, exceeding the SPDES limit of 5.0 NTU. A report of noncompliance event was filed with DEC/DEP. High turbidity measurement recorded during meter service; the reading is not a valid violation. 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.

**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**

DEP has entered into an agreement with New York State Environmental Facilities Corporation (EFC) to administer a program to address the DEP's obligations under the NYC Watershed Memorandum of Agreement (MOA) to pay costs for replacing capital equipment installed as part of the RUP. The Denver Sewer Corporation WWTP has been identified as a priority facility under this capital replacement program; the long term corrective action will include a modernized microfiltration process.

DEP has continually provided funding for all microfiltration operation and repair; the existing microfiltration units consistently produce a high quality effluent.

**Inspections**

On March 8, 2016, 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: 'An estimate has been received for a new flow meter and chart recorder for the influent building. This location is the least expensive and easiest location to install a new unit. The estimate was about six thousand dollars. The operators are waiting for approval from the Town to order the equipment. The operators have been entering the value for effluent flow on the DMR's which is listed as influent. In lieu of installing an influent flow meter, a 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 DEC considers that the computer tracking is equivalent.'

Item: 'B3. Comminutor' received a rating of Marginal with comments: 'Does not work well and is on stand-by.'

Item: 'D2. Clarifier' received a rating of Marginal with comments: 'The air lift pipe on the first stage clarifier is steel and is rusted out. This aerated the clarifier causing a loss of solids over the effluent weir which was caught on top of the open bed sand filters. The operator is using a portable pump to waste solids from the clarifiers until they schedule the repair. They would need to stop forward flow and empty the clarifiers during this repair.'

Item: 'D4. Open Sand Filters' received a rating of Marginal with comments: 'Sand filter # 1 had 18 inches of sand removed due to the excess solids carry over. Installed new sand, reset /replaced the four distribution pipes and covered them with new crushed stone. This filter bed is in great working condition now but they need to establish new biology. Sand filter #2 will be done after the biology on the Sand filter #1 is established.'

Item: 'D6. Micro Filtration' received a rating of Marginal with comments: 'A schedule 80 PVC elbow is broken on the effluent pipe where it connects to the backwash break tank discharge pipe. The operators made a temporary repair by wrapping a piece of rubber around the pipe and clamping it. The break is on the elbow that is embedded into the concrete floor making the repair complicated. These high pressure units have pipes break on a regular basis especially during the violent backwash mode. The leak is microfiltration effluent and it is being collected by the floor drains which leads to the waste tank. Both units are in service now. These particular units have a problem with reaching the required CIP temperature due to undersized heater elements. This was a manufacturer defect and new elements were installed in the past with no improvement. They have recently reached out to the manufacturer to purchase new heater elements but the manufacturer is not sure if they are available anymore. The operators are still waiting for a final response.'

Item: 'E2. Dechlorination' received a rating of Unsatisfactory with comments: 'There were no dechlorination tablets in place at the time of the inspection; this is the only means of removing chlorine. The dechlorination pumps are back to being controlled by the signal from the MF units, however, the feed line is still clogged from frozen/crystalized chemical, the chemical feed line is buried and has a tendency to clog at low temperatures even with the heat trace.'

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

**Inspections (continued)**

On May 12, 2016, 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: 'An estimate has been received for a new flow meter and chart recorder for the influent building. This location is the least expensive and easiest location to install a new unit. The estimate was about six thousand dollars. The operators are waiting for approval from the Town to order the equipment. The operators have been entering the value for effluent flow on the DMR's which is listed as influent. In lieu of installing an influent flow meter, a 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 DEC considers that the computer tracking is equivalent.'

Item: 'B3. Comminutor' received a rating of Marginal with comments: 'Does not work well and is on stand-by.'

Item: 'D2. Clarifier' received a rating of Marginal with comments: 'The air lift pipe on the first stage clarifier is steel and is rusted out. This aerated the clarifier causing a loss of solids over the effluent weir which was caught on top of the open bed sand filters. The air lift pipe has not been replaced since the last inspection; the operator is using a portable pump to waste solids from the clarifiers. The facility plans on doing this repair during the summer months to avoid any heavy spring rains and I&I.'

Item: 'D4. Open Sand Filters' received a rating of Marginal with comments: 'Sand filter # 1 had 18 inches of sand removed due to the excess solids carry over. Installed new sand, reset /replaced the four distribution pipes and covered them with new crushed stone. This filter bed is in great working condition now but they need to establish new biology. Sand filter #2 will be done after the biology on the Sand filter #1 is established.'

Item: 'D6. Micro Filtration' received a rating of Marginal with comments: 'A schedule 80 PVC elbow is broken on the backwash break tank discharge pipe. The operators made a temporary repair but it did not hold up and the floor in the MF building was covered with backwash water. The break is on the elbow that is embedded into the concrete floor making the repair complicated. After looking closer at the connection it may be easier to repair than originally thought. It is gravity feed at that point. They will try to repair ASAP. Both units are in service now. These particular units have a problem with reaching the required CIP temperature due to undersized heater elements. This was a manufacturer defect and new elements were installed in the past with no improvement. They have recently reached out to the manufacturer to purchase new heater elements but the manufacturer is not sure if they are available anymore. The operators are still waiting for a final response.'

**SPDES Permit Exceedance(s)**

On January 6, 2016, a DEP laboratory sample indicated an exceedance of total residual chlorine with a sample result of 2.6 mg/l, exceeding the SPDES parameter limit of 0.1 mg/l. On January 8, 2016, staff delivered a Verbal Warning for the exceedance. The operator stated the liquid dechlorination system has frozen and clogged, they have switched to the tablet dechlorination system.

On February 1, 2016, a DMR monitoring result indicated a violation of NH3 WINTER DAILY MAX with a sample result of 1.8 mg/l exceeding the SPDES limit of 1.3 mg/l. A report of noncompliance event was filed with DEC/DEP for the February 2016 monitoring period. The air lift pipe in the secondary clarifier broke and caused the solids to carry over and upset the plant cycle. The operator with use a portable pump to waste solids until the air lift pipe can be replaced. All remaining wet chemistry and bacteriological values for the period were in compliance with SPDES parameters. DEP laboratory data indicates full compliance with all SPDES parameters.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Elka Park**

<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 February 4, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 21, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On January 5, 2016, a DEP laboratory sample indicated an exceedance of PH MIN with a sample result of 6.42 S.U., below the SPDES minimum of 6.5 S.U. Given the minimal difference and isolated nature of this reading, it does not qualify as an acute or chronic violation; no enforcement is necessary.

On April 5, 2016, a DEP laboratory sample indicated an exceedance of PH MIN with a sample result of 6.41 S.U., below the SPDES minimum of 6.5 S.U. Given the minimal difference and isolated nature of this reading, it does not qualify as an acute or chronic violation; no enforcement is necessary.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Fleischmanns (V)**

<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 February 11, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 5, 2016, 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: 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 9, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On February 1, 2016, a DMR monitoring result indicated a violation of TEMP with a sample result of 72 degrees, exceeding the SPDES limit of 70 degrees. A Report of Noncompliance Event was filed with DEC/DEP. Chronic temperature issues have been evident since October 2015 due to well issues. New wells are being planned.

On March 1, 2016, a DMR monitoring result indicated a violation of TEMP with a sample result of 74 degrees, exceeding the SPDES limit of 70 degrees. A Report of Noncompliance Event was filed with DEC/DEP. Chronic temperature issues have been evident since October 2015 due to well issues. New wells are being planned.

**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 February 17, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 14, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On April 6, 2016, a DEP laboratory sample indicated an exceedance of NH3 WINTER DAILY MAX with a sample result of 11.1 mg/l exceeding the SPDES limit of 1.1 mg/l. There has not been an ammonia violation at this facility in over 10 years; the operator feels that this reading may be attributable to contaminated sample collection tubing or faulty sampling technique. The sample tubing was replaced and the operator re-trained plant staff on proper sample collection technique.

**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 January 27, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 6, 2016, 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**

<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 January 21, 2016, staff performed a reconnaissance inspection with members of DEP Water Quality Directorate. The purpose of the meeting was to establish a uniform sampling location for the treated effluent. The facility is a sub-surface discharge; the collection point is a drop pipe prior to the subsurface discharge.

On March 16, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 12, 2016, 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 (V)**

<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 January 11, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On Feb 25, 2016, staff performed a Construction Inspection. The Kortright collection system work is underway. Final connections will be made in spring 2016. Auto dialer issues at pump station have been resolved. At the WWTP, aeration tank #2 is complete. All ancillary piping and blowers are installed. Control panels and electrical connectors/VFDs installed and working well. Issues with EQ tank control panel resolved after PLC batteries were replaced. There are several small punch list items outstanding (mostly exterior/landscaping) but, for all intents and purposes, the WWTP is ready to accept the additional South Kortright flow at this point.

On April 16, 2016, 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 (V)**

<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 11, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 15, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On May 1, 2016, a DMR monitoring result indicated a violation of BOD5 DAILY MAX with a sample result of 12.0 mg/l exceeding the SPDES limit of 5.0 mg/l. A report of noncompliance event was filed with DEC/DEP for the May 2016 monitoring period. The operator suspects this was a contaminated sample or an elevated de-chlorination feed that caused a chemical oxygen demand. All remaining wet chemistry and bacteriological values for the period were in compliance with SPDES parameters. DEP laboratory data indicates full compliance with all SPDES parameters.

**Enforcements**

None.

**Miscellaneous**

On January 25, 2016, staff received a result showing a positive Cryptosporidium sample with 1 cyst found. Effluent turbidity readings for the week prior to and following the sample collection were well below the 0.5 NTU limit. There did not appear to be any mechanical or process control abnormalities that could have led to the elevated reading. All remaining wet chemistry and bacteriological values for the period were in compliance with SPDES parameters. DEP laboratory data indicates full compliance with all SPDES parameters.

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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 22, 2016, 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 16, 2016, 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	Yes	Yes

**Comments**

None.

**Inspections**

On June 21, 2016, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:  
Item: 'A1. Bldg, Grounds, Housekeeping' received a rating of Marginal with comments: 'Grounds and building look acceptable. Facility is in good overall condition. Licenses and permits posted. Pre-season system startup underway. Conduit under back porch of building needs to have opening sealed. This has been discussed in the past and is not fixed. The repairs may prevent water from damaging lines in conduit, path to outfall needs clearing.'

**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 March 23, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 2, 2016, 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 28, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 7, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On January 5, 2016, a DEP laboratory sample indicated an exceedance of PHOSPHORUS, TOTAL with a sample result of 1.29 mg/l, exceeding the SPDES parameter limit of 1.0 mg/l.

On February 2, 2016, a DEP laboratory sample indicated an exceedance of PHOSPHORUS, TOTAL with a sample result of 2.46 mg/l, exceeding the SPDES parameter limit of 1.0 mg/l.

Total phosphorus readings, both laboratory and bench testing, were below compliance limits on the aforementioned dates. There did not appear to be any mechanical or process control abnormalities that could have led to the elevated readings. All remaining wet chemistry and bacteriological values for the period were in compliance with SPDES parameters.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Mountainside Farms**

<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 March 8, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 12, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On February 10, 2016, a DEP laboratory sample indicated an exceedance of PHOSPHORUS, TOTAL with a sample result of 2.78 mg/l, exceeding the SPDES parameter limit of 0.5 mg/l and an exceedance of NITRATE DAILY MAX with a sample result of 71.2 mg/l, exceeding the SPDES parameter limit of 20.0 mg/l. On February 7, 2016, the facility had a slug of unknown substance from the Dairy that caused the EQ tank to have a pH of 8.0 S.U.; average influent pH is 7.0 S.U. A sample collected within the EQ tank resulted in a phosphorus reading of 20.0 mg/l. This led to a plant upset, the facility lost most of the biology. The operators made adjustments to neutralize the influent and feed the secondary process to restore biology, plant readings stabilized by February 15<sup>th</sup>. No additional action was taken.

On April 1, 2016, 2015, a DMR monitoring result indicated a violation of FLOW INFL DAILY MAX with a sample result of 0.068 MGD, exceeding the SPDES limit of 0.064 MGD.

On May 1, 2016, 2015, a DMR monitoring result indicated a violation of FLOW INFL DAILY MAX with a sample result of 0.069 MGD, exceeding the SPDES limit of 0.064 MGD.

On June 1, 2016, 2015, a DMR monitoring result indicated a violation of FLOW INFL DAILY MAX with a sample result of 0.070 MGD, exceeding the SPDES limit of 0.064 MGD.

A Report of Noncompliance Event was filed with DEC/DEP for the April, May and June flow violations. The cause was a failure of the check valve at the pump station allowing the force main to drain back to the pump station after each use. The reversed flow caused the meter to record this reading; it is not a valid violation.

**Enforcements**

The facility is currently under a DEC consent order; a full plant modification is complete, as required by the order.

**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>
Soharie	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 June 28, 2016, 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: Olive Woods (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 22, 2016, 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 Generac brand back-up generator had some issues in the past with back-firing. The exhaust gas causes a small explosion in the exhaust manifold which melted and deformed the metal grate. The generator was inspected and tested by the equipment representative and the grate was replaced. The same thing happened and the new grate is now deformed. The representative stated that this particular model has issues and there is no known method of repair. The unit also does not auto-start every time but causes an alarm condition periodically. The operators feel that the unit is not very reliable in the present condition. They are going to get some estimates for replacing the unit. They will need to rent a generator if there is a prolonged power outage. This facility has very low influent flow and would have adequate time to respond.'

On April 19, 2016, staff performed a Follow-up Inspection of the facility. Allstate Generator Company was on site to monitor the operation of the generator since they made the needed repairs to the unit. It was not starting up properly in the auto start mode. It also had issues with back firing during the start-up. They replaced the broken intake manifold, which is thermosetting plastic. The manifold blew apart from the backfiring. The ignition module and some other key parts were replaced and the unit has run for about 10 hours since the repairs with no issues. The new parts actually shut the fuel supply prior to turning off the engine which allows the unit to purge itself of combustible gas which prevents the backfiring during the start-up and shut-down modes.

On May 24, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On April 13, 2016, a DEP laboratory sample indicated an exceedance of CBOD5 with a sample result of 18.6 mg/l, exceeding the SPDES parameter limit of 5.0 mg/l. There was no known reason for the exceedance. There did not appear to be any mechanical or process control abnormalities that could have led to the elevated reading. All remaining wet chemistry and bacteriological values for the period were in compliance with SPDES parameters.

**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 23, 2016, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'B1. Pump Station' received a rating of Unsatisfactory with comments: 'The construction for the interconnection from the pump station to the Party City sub-surface system is still in progress. They made a temporary connection in the new valve pit that joins the WWTP and the subsurface systems. They installed a tee with manual valves, however the required motor operated valves, flow meter and logic controls were not installed. This needs to be done prior to using the subsurface system during the winter season. They need to install handles on the manual valves so the operators can close the valves in case of an emergency. The tee needs to be secured to the concrete side wall to prevent the slip joints from coming apart; the pump forces the wastewater into the tee connection. The drain pipe back to the pump station is capped and needs to be kept open on a regular basis.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On June 7, 2016, staff contacted the operator about clearing a path to the outfall pipe and making the required modifications to obtain samples. They need to dig out below the pipe and make the area safer and more accessible. This was an issue last year, DEP Laboratory staff had trouble getting to the outfall and collecting samples. On June 16, 2016, staff confirmed the path was cleared and effluent pipe was extended with stone bedding below the extension.

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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 18, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 9, 2016, 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: Prattsville (T)**

<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 February 23, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 23, 2016, 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: 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 May 18, 2016, 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 February 23, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 18, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On February 26, 2016, staff was notified of a fuel leak affecting the WWTP. A fuel pump malfunction at the campus resulted in 15-20 gallons of #2 heating oil to enter floor drains and subsequently the WWTP. The plant operator arrested the leak and contained the fuel tainted wastewater to the plant equalization tank. The fuel from this tank was removed by Gary Dyer Inc. of Vestal NY, a certified NYSDEC hazardous material removal and disposal company. Per the WWTP operator (Rick Vogel), no fuel reached the ground or any critical WWTP processes that could be negatively affected by the oil.

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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 February 29, 2016, staff performed a Reconnaissance Inspection of the facility. All items inspected were found to be satisfactory.

On May 6, 2016, 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 Non-Contact 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 9, 2016, 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 (V)**

<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 March 21, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 3, 2016, 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: 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 February 2, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 4, 2016, 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: 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**

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

**Inspections**

On February 8, 2016, staff performed a Reconnaissance Inspection of the facility. The heat is working well and all of the doors and vents are closed and insulated. The block heater on the backup generator was in service and the propane tanks had an adequate amount of fuel. DEP Laboratory staff was present to confirm the sampling location at the outfall pipe. DEP will no longer collect samples from the trough prior to the cascade aeration.

On June 30, 2016, 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: Trailside at Hunter (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 January 5, 2016, staff performed a Reconnaissance Inspection of the facility. All facility operations appear functional and operating normally.

On January 27, 2016, staff performed a Reconnaissance Inspection of the facility. Current plant operators (Delaware Operations) and subsequent plant operators (JCO, Inc.) were onsite. All facility operations appear functional and operating normally. Discussed transition plans and proposed meetings in detail. Plant grounds in good condition.

On February 22, 2016, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'B1. Overflow Lagoon' received a rating of Marginal with comments: 'Lagoon 3/4 full, air was on. Diffusers, supply line and valve need service. Air is only being supplied to part of the lagoon. No odors or septic conditions noted. Operator indicated he would address as soon as weather improves.'

Item: 'B3.Comminutor' received a rating of Marginal with comments: 'The comminutor is working but noisy, should be serviced. New comminutor on order.'

On May 16, 2016, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'B3.Comminutor' received a rating of Marginal with comments: 'The comminutor needs immediate replacement. New comminutor quotes being obtained by operator. Rags/debris trapped by bar screen.'

Item: 'D8. Turbidity Monitoring' received a rating of Marginal with comments: 'Turbidity meters last calibrated 01/26/16, due June 2016. Turbidity meter needs frequent cleaning and service. Meter may also obsolete. Suggest operator have a new meter installed before next calibration is due.'

**SPDES Permit Exceedance(s)**

On March 1, 2016, a DEP laboratory sample indicated an exceedance of CHLORINE RESIDUAL, TOTAL with a sample result of 6.7 mg/l, exceeding the SPDES parameter limit of 0.1 mg/l. The apparent cause was a chlorine pump malfunction associated with a generator test that caused the chlorine pump to run continuously while plant flow was attenuated. This is an atypical condition; however, the operator was instructed to diligently measure plant effluent to ensure compliance.

On March 10, 2016, a DEP laboratory sample indicated an exceedance of CBOD5 with a sample result of 10.6 mg/l, exceeding the SPDES parameter limit of 5.0 mg/l. There did not appear to be any mechanical or process control abnormalities that could have led to the elevated reading. All remaining wet chemistry and bacteriological values for the period were in compliance with SPDES parameters.

On June 15, 2016, a DEP laboratory sample indicated an exceedance of pH MIN with a sample result of 6.0 S.U., below the SPDES minimum of 6.5 S.U. Plant operator logs indicate compliance with pH limitations. Given the isolated nature of this reading, it does not qualify as an acute or chronic violation; no enforcement is necessary.

**Enforcements**

None.

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

**Miscellaneous**

On September 29, 2015, DEP staff, DEP legal, NYC Corporation Counsel, Delaware Operations and the court appointed receiver met to discuss the outstanding invoices related to operation of the plant. Roughly \$75,000 is owed to Slack Chemical, Turnkey Industries and Delaware Operations. DEP Upgrade Program has stopped payment to the owner and will distribute funds to Mr. Kaplan for all eligible expenses. DEP will investigate past reconciliations to determine any lost funds. The group will provide an account of upcoming expenses through the remainder of the year.

On December 31, 2015 DEP received notice that Delaware Operations will continue to operate the facility through January 31, 2016. Facility operations will be handled by JCO, Inc. as of February 1, 2016. The court appointed temporary receiver remained until March 31, 2016. All outstanding invoices have been reconciled; funds are now available.



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**Facility: Walton (V)**

<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 February 23, 2016, 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.'

Item: 'D3. Aeration basins' received a rating of Marginal with comments: 'Plant in upset conditions due to an unknown substance negatively affecting tank biology, settling and subsequent solids removal. Minimal foaming. Tanks were receiving chlorine dose to control filamentous bacteria, but that is now discontinued. Operator adding 25DW enzyme to help restore tank biology. Suggested operator also addresses the source of the problems in addition to treating the plant symptoms.'

Item: 'D7 CBUDSF' received a rating of Marginal with comments: '2 of 5 CBUDSF units impacted due to upset conditions. CBUDS presently ok, but have been in upset conditions on and off of late. Facility has recorded numerous turbidity violations. PLC units working well. First stage sand filters are air-lanced 2x/year, second stage sand filters are air-lanced 1x/year. Minimal chlorine odor, high dose periodically needed to meet high demand. Operator working on plans to replace sand media within 2 trains to see if that can help with solids removal. Chemical dosing has been adjusted to combat solids issues.'

On May 26, 2016, 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: 'Plant upset condition caused by something objectionable entering WWTP collection system per operator. Severe pH swings in feed an additional issue. Suggested operator expands collection system testing to determine exactly what is causing the problems in the CBUD units and clarifiers. Village performing continuous monitoring at Kraft manhole. DEP provided auto samplers for the plant.'

Item: 'B2. Grit Removal' received a rating of Marginal with comments: 'Grit removal is being performed manually until the unit is repaired. Approximately 2 cubic yards/month. Plant should consider consulting with engineer to form a plan to make the grit removal system operational again.'

Item: 'D3. Aeration basins' received a rating of Marginal with comments: 'Plant in upset conditions due to an unknown substance negatively affecting tank biology, settling and subsequent solids removal. Minimal foaming. Tanks are receiving chlorine dose to control filamentous bacteria. Tank biology attenuated with minimal microbial action. Suggested operator also addresses the source of the problems in addition to treating the plant symptoms. Solids removal planned, operator getting quotes.'

Item: 'D4. Secondary Settling basins' received a rating of Unsatisfactory with comments: 'Clarifiers not settling properly due to plant upset conditions. Very high scum and solids buildup in clarifiers. Operator getting quotes.'

Item: 'D5. Settling characteristics' received a rating of Unsatisfactory with comments: 'Clarifiers not settling properly at time of inspection due to plant upset conditions. High solid discharge.'

Item: 'D7 CBUDSF' received a rating of Unsatisfactory with comments: '2 of 5 CBUDSF units and not always meeting permit due to upset conditions. CBUDS presently not performing as designed due to upset conditions. DEP working with plant management to replace sand in two filter trains to see if that helps. PLC units working well. First stage sand filters are air-lanced 2x/year, second stage sand filters are air-lanced 1x/year. Minimal chlorine odor, high dose periodically needed to meet high demand. Chemical dosing has been adjusted to combat solids issues with little result. Surpass and Slack chemical companies have been consulted to deal with chemical/dosage issue.'

Item: 'E2. Effluent Condition' received a rating of Unsatisfactory with comments: 'Chronic turbidity violations due to plant upset conditions.'

Item: 'F5. Odor/Odor control' received a rating of Marginal with comments: 'Significant odor condition near clarifiers likely caused by high scum levels in clarifiers.'

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**Facility: Walton (V) (continued)**

**SPDES Permit Exceedance(s)**

On January 1, 2016, a DMR monitoring result indicated a violation of TIME TURBIDITY with a sample result of 17475 minutes, exceeding the SPDES limit of 2160 minutes.

On February 1, 2016, a DMR monitoring result indicated a violation of TIME TURBIDITY with a sample result of 4486 minutes, exceeding the SPDES limit of 2160 minutes.

On March 1, 2016, a DMR monitoring result indicated a violation of TIME TURBIDITY with a sample result of 32080 minutes, exceeding the SPDES limit of 2160 minutes.

On April 1, 2016, a DMR monitoring result indicated a violation of TIME TURBIDITY with a sample result of 38289 minutes, exceeding the SPDES limit of 2160 minutes.

A Report of Noncompliance Event was filed with DEC/DEP for the aforementioned violations. Plant effluent turbidity, time allowed for turbidity excursion due to significant plant upset conditions affecting sludge settleability and sand filter solids removal capabilities. Return activated sludge pump failure cause high solids in clarifier. Solids carried over to the sand filters blinding them. This caused high effluent turbidity. Filters were air lanced to remove solids and RAS flow was restored using another pump. The coagulant in the clarifier has been changed and new seed sludge has been brought in to help alleviate the problem. The plant operator is working on a solution on various fronts; DEP has approved whatever expenditures are necessary to get the tertiary systems operating as they should.

**Enforcements**

NYSDEC issued an NOV on April 4, 2016. The condition of several treatment units (aeration tanks, grit removal, secondary clarifiers, CBUDSF, chemical usage) and the duration of turbidity violations were cited. Delaware Operations submitted a detailed response to the NOV on April 27, 2016, citing numerous process control adjustments and capital repair/replacement estimates.

The Village conducted testing within the collection system and found toxicity; NYSDEC requested that the Village track down industrial users which may be a potential source. In June 2016, DEC prepared a legal referral but will hold until the results of the Village's inspections of industrial users are completed and determine next steps.

**Miscellaneous**

None.

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**Facility: Windham (T)**

<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 February 23, 2016, 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: 'The operators had grease removed from the Hickory Hill pump station. The Town needs to enforce the sewer use ordinance and check the grease traps at the restaurants throughout the town. They need to verify that they are being pumped out on a regular basis.'

On June 28, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On May 17, 2016, a DEP laboratory sample indicated an exceedance of CHLORINE RESIDUAL, TOTAL with a sample result of 0.22 mg/l, exceeding the SPDES parameter limit of 0.1 mg/l. There did not appear to be any mechanical or process control abnormalities that could have led to the elevated reading. All remaining wet chemistry and bacteriological values for the period were in compliance with SPDES parameters. Given the isolated nature of this reading, no enforcement is necessary.

**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 25, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 25, 2016, 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: 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 29, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 18, 2016, 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 February 12, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 13, 2016, 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: 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 9, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 8, 2016, 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**

None.

**Inspections**

On February 4, 2016, staff performed a Quarterly Inspection of the facility. The school remains closed.

On May 3, 2016, staff performed a Quarterly Inspection of the facility. The school remains closed.

The Lewisboro Elementary School is closed; staff and student population have all been assigned to the Katonah Elementary School. The SPDES permit will remain active and the school district will actively seek tenants for the building, they will not discharge.

**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 January 11, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 14, 2016, 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**

<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 8, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 13, 2016, 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 February 1, 2016, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D3. Rapid Sand Filters' received a rating of Marginal with comments: 'After reconstruction, all filters operating normally.'

On April 28, 2016, 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 2016 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 February 23, 2016, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 16, 2016, 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 2016 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.