

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

**Wastewater Treatment Plant Compliance Inspection Reports
Summary – 3rd and 4th quarter 2018**

March 2019

*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 third and fourth 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

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Pepacton	NY0262854	Yes	No	Yes

Comments

None.

Inspections

On September 19, 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: 'Plant still has I&I issues and have not taken any corrective action since the last inspection. The Town is looking for the funds to investigate and repair the collection system. The average flow for the month was about 40,000 GPD.'

On December 12, 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: 'Plant still has I&I issues and have not taken any corrective action since the last inspection. The Town is looking for the funds to investigate and repair the collection system. The average flow for the month was about 59,000 GPD. The SPDES limit is 62,000 GPD.'

SPDES Permit Exceedance(s)

None

Enforcements

None.

Miscellaneous

None.

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Facility: Ashland

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Schoharie	NY0263214	Yes	No	Yes

Comments

None.

Inspections

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

On October 18, 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

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Ashokan	NY0274038	Yes	No	Yes

Comments

The plant operators have been diligent with I&I investigation and been able to make a real impact with minimal cost to the Town. Due to extensive rainfall this year, operations staff have conducted I&I investigations during the normal work schedule. On September 25th, plant staff targeted a known section of the collection system for excessive flow; locating and repairing twelve cleanouts that were disconnected from the tees. The PVC piping has slip-on fittings with rubber seals; the frost heaved the vertical pipes due to the fact that these connections are in a very wet area. The operators were able to use blocks of wood and hammer the pipes back into place. The actual reduced influent flow to the plant is unknown, but it had the potential to be substantial in that wet zone. On October 11th, plant staff investigated the area by the old Trail Motel that was decommissioned. They discovered and repaired a broken tee and an open ended pipe in an area that, periodically, has accumulated surface water.

Inspections

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

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

SPDES Permit Exceedance(s)

On July 12, 2018, a DEP laboratory sample indicated an exceedance of Temperature with a sample result of 72.14 °F, exceeding the SPDES parameter limit of 70 °F.

On August 15, 2018, a DEP laboratory sample indicated an exceedance of Temperature with a sample result of 73.04 °F, exceeding the SPDES parameter limit of 70 °F.

On September 12, 2018, a DEP laboratory sample indicated an exceedance of Temperature with a sample result of 72.32 °F, exceeding the SPDES parameter limit of 70 °F.

On October 10, 2018, a DEP laboratory sample indicated an exceedance of Temperature with a sample result of 71.06 °F, exceeding the SPDES parameter limit of 70 °F.

Enforcements

None.

Miscellaneous

None.

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Facility: Chichester (NYCDEP)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Ashokan	NY0233943	Yes	No	Yes

Comments

None.

Inspections

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

On October 15, 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

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Cannonsville	NY0020265	Yes	No	Yes

Comments

None.

Inspections

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

On November 19, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D5. Chemical Addition' received a rating of Marginal with comments: 'EPIC 58 added for phosphorus removal. Thorough recordkeeping. PAC and CL2 pumps having issues following SCADA instruction. Turnkey coming in to replace and set up new Grundfos pumps.'

Item: 'D6. CBUDSF' received a rating of Marginal with comments: 'Turbidity violations with high loading and pump issues. Working well, no issues, well maintained and operated. Units being air-lanced to address issues and is helping. Tank covers deteriorating, suggest they are replaced.'

SPDES Permit Exceedance(s)

On July 31, 2018, a DMR monitoring result indicated a violation of PHOS 30 DAY AVG with a sample result of 0.13 mg/l, exceeding the SPDES limit of 0.11 mg/l. A Report of Noncompliance Event was filed with DEC/DEP. The violation was caused by high loading from industrial activity and septage. The operator increased chemical (PAC) dose, phosphorus levels came into compliance. 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 July 31, 2018, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 82 °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 and high ambient temperatures. No long term corrective action is planned.

On August 31, 2018, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 80 °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 and high ambient temperatures. Upstream/downstream river monitoring indicated that effluent was of acceptable temperature. No long term corrective action is planned.

On August 31, 2018, a DMR monitoring result indicated a violation of TURBIDITY with a sample result of 6.69 NTU, exceeding the SPDES limit of 5.0 NTU. A Report of Noncompliance Event was filed with DEC/DEP. The violation was caused by industrial activity and 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 September 30, 2018, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 76 °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 and high ambient temperatures. No long term corrective action is planned.

On October 24, 2018, a DEP laboratory sample indicated an exceedance of Phosphorus with a sample result of 0.173 mg/l, exceeding the SPDES parameter limit of 0.11 mg/l.

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Facility: Delhi (continued)

SPDES Permit Exceedance(s)

On October 31, 2018, a DMR monitoring result indicated a violation of TOTAL PHOSPHORUS 30 DAY AVG with a sample result of 0.26 mg/l, exceeding the SPDES limit of 0.11 mg/l. A Report of Noncompliance Event was filed with DEC/DEP. The violation was caused by high loading from industrial activity and septage. The operator increased chemical (PAC) dose, phosphorus levels came down into compliance. 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 October 31, 2018, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 76 °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 and high ambient temperatures. No long term corrective action is planned.

On November 30, 2018, a DMR monitoring result indicated a violation of TIME TURBIDITY with a sample result of 7,155 Minutes, exceeding the SPDES limit of 2,160 Minutes, along with, a violation of TURBIDITY with a sample result of 8.31 NTU, exceeding the SPDES limit of 5.0 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 these readings. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process. Given the isolated nature of these readings, no enforcement is necessary.

Enforcements

None.

Miscellaneous

None.

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Facility: Denver Sewer Corp. (Roxbury Run Village)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Pepacton	NY0099562	Yes	No	Yes

Comments

None.

Inspections

On September 25, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A9. Flow Metering' received a rating of Unsatisfactory 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 December 7, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A9. Flow Metering' received a rating of Unsatisfactory 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 August 1, 2018, a DEP laboratory sample indicated an exceedance of Chlorine - Effluent with a sample result of 0.36 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 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

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Schoharie	NY0092991	Yes	No	Yes

Comments

None.

Inspections

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

On October 18, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On August 1, 2018, a DEP laboratory sample indicated an exceedance of Fecal Coliform with a sample result of 460 cfu/100mL, exceeding the SPDES parameter limit of 400 cfu/100mL. The UV bulb sleeves were serviced and no subsequent DEP or DMR violations were noted.

On December 31, 2018, a DMR monitoring result indicated a violation of NH3 WINTER DAILY MAX with a sample result of 4.7 mg/l, exceeding the SPDES limit of 2.2 mg/l. A Report of Noncompliance Event was 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.

Enforcements

None.

Miscellaneous

None.

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Facility: Fleischmanns

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Pepacton	NY0261521	Yes	No	Yes

Comments

None.

Inspections

On August 7, 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 increased with summer residents back in town. Significantly reduced rag loading to pumps, new pumps did a good job passing rags and debris downstream. Rags must now be dealt with at WWTP, preferable to lift station overflows. Engineer still working on plan with operator to deal with the rags but seems to be taking an inordinate amount of time. Normal flow and CBOD loading.'

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. Operator getting quotes for fine screen system.'

On October 4, 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 with summer residents out of town. Significantly reduced rag loading, new pumps did a good job passing rags and debris downstream. Rags must now be dealt with at WWTP, preferable to lift station overflows. Engineer still working on plan with operator to deal with the rags but seems to be taking an inordinate amount of time. Normal flow and CBOD loading.'

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. Operator getting quotes for fine screen system.'

SPDES Permit Exceedance(s)

On July 31, 2018, a DMR monitoring result indicated a violation of pH MIN with a sample result of 6.4 S.U., exceeding the SPDES limit of 6.5 S.U. A Report of Noncompliance Event was filed with DEC/DEP. High flows caused the pH issue. The operator adjusted caustic feed, compliance restored. Given the isolated nature of this reading, no enforcement is necessary.

On July 31, 2018, a DMR monitoring result indicated a violation of CHLOR EFFL RESID DAILY MAX with a sample result of 0.11 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.

On August 31, 2018, a DMR monitoring result indicated a violation of TIME TURBIDITY with a sample result of 11,816 Minutes, exceeding the SPDES limit of 2,160 Minutes. A Report of Noncompliance Event was filed with DEC/DEP. There did not appear to be any mechanical or process control abnormalities that could have led to these readings. 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 December 31, 2018, a DMR monitoring result indicated a violation of CHLOR EFFL RESID DAILY MAX with a sample result of 0.43 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.

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Facility: Fleischmanns (continued)

Enforcements

None.

Miscellaneous

None.

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Facility: Friesland Campina - DOMO (Cooling Water)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Cannonsville	NY0262838	Yes	No	Yes

Comments

None.

Inspections

On December 20, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On July 31, 2018, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 96 °F, exceeding the SPDES limit of 70 °F. A Report of Noncompliance Event was filed with DEC/DEP. The violation was caused by a faulty sensor; it was replaced.

On September 30, 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.

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)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Rondout	NY0026549	Yes	No	Yes

Comments

None.

Inspections

On September 17, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 7, 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)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Schoharie	NY0026565	Yes	No	Yes

Comments

None.

Inspections

On July 18, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 29, 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

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Pepacton	NY0249777	Yes	No	Yes

Comments

None.

Inspections

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

On December 7, 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

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Cannonsville	NY0029254	Yes	No	Yes

Comments

None.

Inspections

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

On November 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: Hunter

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Schoharie	NY0241075	Yes	No	Yes

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 timing and 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. In addition, the water plant operator never notifies the WWTP operator prior to backwash mode, even though they know it creates an overflow condition at the WWTP during periods of high flow. The chief operator is going to draft a letter and send it to the Town, DEC and DEP in an effort to make some physical or operational changes at the water plant to eliminate the problem. The Town has not been responsive in the past; an overflow of backwash water at the drinking water plant is less consequential than overloading the wastewater collection system and subsequent sewage discharge.

Inspections

On July 25, 2018, staff performed a Reconnaissance Inspection of the Town of Hunter collection system after heavy rainfall (~6 inches) over a period of two days. No overflows noted at the Liftside and Colonel Chair pump stations; portable pumps were set up at both locations. An overflow did occur just prior to our inspection; there was no evidence of any sewage/debris in the area. The manhole was covered with mud, no ponding water anywhere. The backwash from the water treatment plant along with rainfall induced I&I caused the overflow. The portable pump was put into service to eliminate the overflow. The overflow lasted about 70 minutes with an estimated volume of 2,100 gallons. A Report of Noncompliance Event was filed with DEC/DEP.

On August 6, 2018, staff responded to a wastewater spill at the Liftside pump station. A power surge during a late afternoon lightning storm on August 3rd resulted in a station shut down; auxiliary power did not come on. Approximately 1,800 gallons of untreated wastewater overflowed and spilled into a swale adjacent to the pump station. No solids were seen on the ground and it does not appear that the flow entered into the nearby Schoharie Creek. Although the overflow was untreated wastewater, it was diluted due to the heavy rainfall that day. The operator reset the pumps and generator within 30 minutes of notification. The operator contacted the pump vendor about protective devices that can be used to prevent the pumps from tripping during power surges. A Report of Noncompliance Event was filed with DEC/DEP.

On September 18, 2018, staff performed a Reconnaissance Inspection of the facility collection system during remnants of tropical storm Florence. No overflows or other delerious conditions noted.

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

On November 20, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On September 13, 2018, a DEP laboratory sample indicated an exceedance of Chlorine - Effluent with a sample result of 0.26 mg/L, exceeding the SPDES parameter limit of 0.24 mg/L. Staff contacted the plant operator regarding the above mentioned chlorine exceedances, plant readings were below the SPDES maximum. There were no plant abnormalities that could have led to the low pH conditions.

On November 1, 2018, a DEP laboratory sample indicated an exceedance of Chlorine - Effluent with a sample result of 0.52 mg/L, exceeding the SPDES parameter limit of 0.24 mg/L. There was a faulty CL17 chlorine meter; the unit adjusts sodium thiosulfate feed rates based on the chlorine residual readings. This meter was replaced; there have been no issues since.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Hunter (continued)

SPDES Permit Exceedance(s)

On December 31, 2018 DMR indicated a violation of CHLOR EFFL RESID DAILY MAX with a sample result of 0.58 mg/l exceeding the SPDES limit of 0.2 mg/l. A Report of Noncompliance Event was filed with DEC/DEP. There did not appear to be any mechanical abnormalities with the metering/chemical feed equipment. 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

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.

Cedarwood engineering, on behalf of the Village of Hunter, submitted a report to the DEC/DEP on January 11, 2019. New high capacity pumps installed at the Liftside pump station. Standby, gas-powered trash pumps are available as backup. The high level alarm for the water treatment plant was reprogrammed to prevent backwash pumps from continually sending water to the backwash surge tank, causing the tank to overflow and discharge into the sewage collection system. Additional I&I investigation will be performed to assess the structural integrity of the wastewater collection system.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Kraft Dairy (Cooling Water)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Cannonsville	NY0008494	Yes	No	Yes

Comments

None.

Inspections

On December 3, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On August 1, 2018, a DMR monitoring result indicated a violation of BOD5 DAILY MAX with a sample result of 5.2 mg/l, exceeding the SPDES limit of 5.0 mg/l. A Report of Noncompliance Event was filed with DEC/DEP. The system operator feels that a sampling error occurred; the sample collection line is old and was replaced. There did not appear to be any mechanical or process control abnormalities that could have led to these readings. Given the isolated nature of these readings, no enforcement is necessary.

On November 1, 2018, a DMR monitoring result indicated a violation of BOD5 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 was filed with DEC/DEP. The system operator feels that a sampling error occurred; the sample collection line is old and was replaced. There did not appear to be any mechanical or process control abnormalities that could have led to these readings. Given the isolated nature of these readings, no enforcement is necessary.

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.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: L'man Achai (Camp)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Pepacton	NY0104957	Yes	Yes	Yes

Comments

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

Inspections

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

Item: 'B2. Turbidity Monitoring' received a rating of Marginal with comments: 'Meters calibrated by Aqualogics on 07/05/2017. Cleaned but not calibrated for 2018. Meters must be calibrated at least once annually.'

Item: 'D2. Sand Filters' received a rating of Unsatisfactory with comments: 'Normal operations, both beds need to be weeded. Problem is severe and causing ponding at surface. Beds need raking. Orenco valves ready.'

On December 3, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'B2. Turbidity Monitoring' received a rating of Unsatisfactory with comments: 'Meters calibrated by Aqualogics on 07/05/2017. Cleaned but not calibrated for 2018. Meters must be calibrated at least once annually.'

Item: 'D2. Sand Filters' received a rating of Unsatisfactory with comments: 'Normal operations, both beds need to be weeded. Problem is severe and causing ponding at surface. Beds need raking, must be done prior to start of 2019 camp season. Orenco valves ready.'

Item: 'D4. Micro filter' received a rating of Unsatisfactory with comments: 'Microfilter displays cannot be read and need service or replacement. Suggest a full maintenance service by PALL corp.'

SPDES Permit Exceedance(s)

On July 1, 2018, a DMR monitoring result indicated a violation of FLOW EFFL 30 DAY AVG with a sample result of 0.0087 MGD, exceeding the SPDES limit of 0.008 MGD. A Report of Noncompliance Event was filed with DEC/DEP.

On July 18, 2018, a DEP laboratory sample indicated an exceedance of Temperature with a sample result of 72.5 °F, exceeding the SPDES parameter limit of 70 °F.

On August 1, 2018, a DEP laboratory sample indicated an exceedance of Temperature with a sample result of 70.88 °F, exceeding the SPDES parameter limit of 70 °F.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Machne Tashbar (Camp)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Soharie	NY0263061	Yes	No	Yes

Comments

None.

Inspections

On July 31, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 27, 2018, staff performed a Reconnaissance Inspection of the facility. No overflows noted.

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

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Margaretville (NYCDEP)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Pepacton	NY0026531	Yes	No	Yes

Comments

None.

Inspections

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

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

SPDES Permit Exceedance(s)

On August 31, 2018, a DMR monitoring result indicated a violation of FLOW INFL 30 DAY AVG with a sample result of 0.43 MGD, exceeding the SPDES limit of 0.4 MGD. A Report of Noncompliance Event was filed with DEC/DEP. There did not appear to be any mechanical or process control abnormalities that could have led to these readings. 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.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Mountain View Estates

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Schoharie	NY0263052	Yes	No	Yes

Comments

None.

Inspections

On July 31, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

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

SPDES Permit Exceedance(s)

On July 25, 2018, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 5.73 mg/L, exceeding the SPDES parameter limit of 1.5 mg/L. 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.

On July 25, 2018, a DEP laboratory sample indicated an exceedance of pH with a sample result of 5.42 S.U., below the SPDES parameter minimum of 6.5 S.U. 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.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Mountainside Farms Inc.

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Pepacton	NY0084590	Yes	No	Yes

Comments

None.

Inspections

On September 25, 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. The operators stated that the facility has increased the level of preventative maintenance of the pump station and there has been no recent problems.'

On December 7, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Oh-Neh-Tah (Camp)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
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 September 6, 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. The phase inverter was running.'

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

Item: 'A3. Potable Water Supply Prot.' received a rating of Marginal with comments: 'The back flow preventer was in service but needs to be tested. It is scheduled to be done this month.'

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. The phase inverter was running.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Olive Woods LLC. (Woodstock Percussion)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Ashokan	NY0098281	Yes	No	Yes

Comments

None.

Inspections

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

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

SPDES Permit Exceedance(s)

On July 25, 2018, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 2.96 mg/L, exceeding the SPDES parameter limit of 1.1 mg/L. Low flows into the facility make it difficult to maintain an adequate biological process in the recirculating sand filters. Effluent flow range from 800-2400 GPD and discharge occurs 2-3 days per week. 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 August 15, 2018, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 2.77 mg/L, exceeding the SPDES parameter limit of 1.1 mg/L. Low flows into the facility make it difficult to maintain an adequate biological process in the recirculating sand filters. Effluent flow range from 800-2400 GPD and discharge occurs 2-3 days per week. 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 December 31, 2018, a DMR monitoring result indicated a violation of NH3 WINTER DAILY MAX with a sample result of 2.57 mg/l, exceeding the SPDES limit of 2.2 mg/l. A Report of Noncompliance Event was filed with DEC/DEP. Low flows into the facility make it difficult to maintain an adequate biological process in the recirculating sand filters. Effluent flow range from 800-2400 GPD and discharge occurs 2-3 days per week. 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.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Oorah Catskill Retreat

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Schoharie	NY0069957	Yes	Yes	Yes

Comments

None.

Inspections

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

Item: 'B1. Pump Station' received a rating of Marginal with comments: 'The contractor who installed the panel returned and replaced the high level alarm float which was full with water and damaged. The panel is working properly now and the high level alarm works only when that high level is reached. When that float turns on, it activates both pumps at the same time. The pumps are not alternating as a lead/lag system. The pump station control is fully operational now for the summer mode requirements. The audio alarm was disconnected. The operator reconnected it at the time of the inspection. The dial up alarm system is not operational because there is no phone line at the pump station. It is mandatory to have a dial up alarm to prevent any overflows at the pump station. A phone line must be installed. The winter mode operation still needs to be inspected and approved as per the approved plans by the DEP. Running hour meter #1 and # 2 showed 5693.31 and 4868.14 hours respectively.'

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: 'E2. Post Aeration Tank' received a rating of Marginal with comments: 'Blower #1 is out of service. There is no power to the VFD. There is no back up blower at this point. They had an equipment representative come out and check the unit. The VFD was removed and is being replaced or repaired ASAP.'

On December 4, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

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.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Pine Hill (NYCDEP)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Ashokan	NY0026557	Yes	No	Yes

Comments

None.

Inspections

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

Item: 'C1. Clarifiers' received a rating of Marginal with comments: 'The brush system that cleans the weir on the #1 clarifier got caught on the ring baffle and both the brush arm and ring baffle were damaged. The unit is off line now, repairs need to be made.'

On December 19, 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.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Prattsville

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Schoharie	NY0263028	Yes	No	Yes

Comments

None.

Inspections

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

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

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Richardson Hill Road Landfill

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Cannonsville	NY0413008	Yes	No	Yes

Comments

None.

Inspections

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

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Robert W. Harold Campus (BOCES)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Cannonsville	NY0097446	Yes	No	Yes

Comments

None.

Inspections

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

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

SPDES Permit Exceedance(s)

On July 18, 2018, a DEP laboratory sample indicated an exceedance of Temperature with a sample result of 74.12 °F, exceeding the SPDES parameter limit of 70 °F.

On July 31, 2018, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 74 °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 high ambient temperatures.

On August 15, 2018, a DEP laboratory sample indicated an exceedance of Temperature with a sample result of 76.28 °F, exceeding the SPDES parameter limit of 70 °F.

On August 31, 2018, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 76 °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 high ambient temperatures.

On September 19, 2018, a DEP laboratory sample indicated an exceedance of Temperature with a sample result of 74.66 °F, exceeding the SPDES parameter limit of 70 °F.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Roxbury Lift Station

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Pepacton	RC0000008	Yes	No	No

Comments

None.

Inspections

On September 10, 2018, staff performed a Reconnaissance Inspection of the facility. All items inspected were found to be satisfactory.

On November 26, 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.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Saputo Foods USA LLC (Cooling Water)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Cannonsville	NY0068292	Yes	No	Yes

Comments

None.

Inspections

On December 20, 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.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Stamford

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Cannonsville	NY0021555	Yes	No	Yes

Comments

None.

Inspections

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

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

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Tannersville (NYCDEP)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Schoharie	NY0026573	Yes	No	Yes

Comments

None.

Inspections

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

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

SPDES Permit Exceedance(s)

On August 31, 2018, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 70.5 °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 high ambient temperatures.

Enforcements

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

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Timber Lake (Camp)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Ashokan	NY0240664	Yes	Yes	Yes

Comments

None.

Inspections

On August 3, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

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

SPDES Permit Exceedance(s)

On July 12, 2018, a DEP laboratory sample indicated an exceedance of Temperature with a sample result of 72.5 °F, exceeding the SPDES parameter limit of 70 °F.

On August 15, 2018, a DEP laboratory sample indicated an exceedance of Temperature with a sample result of 72.86 °F, exceeding the SPDES parameter limit of 70 °F.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Trailside at Hunter LLC (Hunter Highlands)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Schoharie	NY0061131	Yes	No	Yes

Comments

None.

Inspections

On September 12, 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: '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. Spare compressor available'

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.'

On November 28, 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. Some lighting still needs to be fixed. Ventilation fans inoperable, should be fixed to vent oxidative chlorine gas. Noted corrosion on ferrous metal in building due to this. Operator looking into repairs.'

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. '

SPDES Permit Exceedance(s)

On November 30, 2018, a DMR monitoring result indicated a violation of CBOD5 DAILY MAX with a sample result of 11.0 mg/l, exceeding the SPDES limit of 5.0 mg/l. A Report of Noncompliance Event was 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.

Enforcements

None.

Miscellaneous

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

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Walton

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Cannonsville	NY0027154	Yes	No	Yes

Comments

None.

Inspections

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

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 December 3, 2018, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

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 July 31, 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.

On August 31, 2018 DMR monitoring result indicated a violation of FLOW INFL 30 DAY AVG with a sample result of 1.752 MGD, exceeding the SPDES limit of 1.6 MGD. A Report of Noncompliance Event was filed with DEC/DEP. I&I continues to be an issue. Operator has asked the Village of Walton engineer to investigate.

On August 31, 2018 DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 77 °F, exceeding the SPDES limit of 70 °F. A Report of Noncompliance Event was filed with DEC/DEP.

On September 30, 2018 DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 76 °F, exceeding the SPDES limit of 70 °F. A Report of Noncompliance Event was filed with DEC/DEP.

On October 31, 2018 DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 73 °F, exceeding the SPDES limit of 70 °F. A Report of Noncompliance Event was filed with DEC/DEP.

Upstream/downstream river monitoring was completed in response to all of the above mentioned temperature violations. Readings 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.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Windham

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Schoharie	NY0262935	Yes	No	Yes

Comments

None.

Inspections

On September 6, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

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

SPDES Permit Exceedance(s)

On August 2, 2018, a DEP laboratory sample indicated an exceedance of Chlorine - Effluent with a sample result of 0.28 mg/L, exceeding the SPDES parameter limit of 0.1 mg/L. The problem was tracked to a damaged sodium thiosulfate injection pump. The pump was repaired.

On November 30, 2018, a DMR monitoring result indicated a violation of CHLOR CONT TANK DAILY MIN with a sample result of 0.15 mg/l, below the SPDES parameter minimum of 0.2 mg/l.

On November 30, 2018, a DMR monitoring result indicated a violation of PH MIN with a sample result of 5.85 S.U., below the SPDES parameter minimum of 6.0 S.U.

A Report of Noncompliance Event was filed with DEC/DEP for the above mentioned violations during the November 2018 monitoring period. The PAC feed line to the secondary clarifier leaked into the CBUD influent trough. The PAC tank is located inside the building over the CBUD units. This caused an overdose of polymer to the CBUD, resulting in a reduction in pH and chlorine.

On December 6, 2018, a DEP laboratory sample indicated an exceedance of Chlorine - Effluent with a sample result of 0.17 mg/L, exceeding the SPDES parameter limit of 0.1 mg/L. Plant readings show effluent chlorine results on the date in question in compliance. There were no plant abnormalities that could have led to the chlorine exceedance.

Enforcements

None

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Carmel Sewer District #2

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Croton Falls	NY0031356	Yes	No	Yes

Comments

None.

Inspections

On July 17, 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 October 23, 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 October 26, 2018, staff performed a Reconnaissance Inspection of the facility. Operations and maintenance appeared satisfactory.

On November 2, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

SPDES Permit Exceedance(s)

None

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Clear Pool Camp

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
West Branch	NY0098621	Yes	No	Yes

Comments

None.

Inspections

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

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

SPDES Permit Exceedance(s)

On August 2, 2018, a DEP laboratory sample indicated an exceedance of pH with a sample result of 5.31 S.U., below the SPDES parameter minimum of 6.5 S.U.

On August 7, 2018, a DEP laboratory sample indicated an exceedance of pH with a sample result of 5.13 S.U., below the SPDES parameter minimum of 6.5 S.U.

On October 3, 2018, a DEP laboratory sample indicated an exceedance of pH with a sample result of 6.22 S.U., below the SPDES parameter minimum of 6.5 S.U.

Staff contacted the plant operator regarding the above mentioned pH exceedances. Plant readings show pH results on the dates in question between 7.8 – 8.0 S.U. There were no plant abnormalities that could have led to the low pH conditions.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

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

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Croton Falls	NY0165719	Yes	No	Yes

Comments

None.

Inspections

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

Item: 'A1. Building/Grounds/Housekeeping' received a rating of Marginal with comments: 'Grass needs to be cut. Trees along driveway need to be cut back. '.

On October 26, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 2, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

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

Item: 'A1. Building/Grounds/Housekeeping' received a rating of Marginal with comments: 'Hole in roof of primary settling tank building. Should be repaired ASAP. Main water service for treatment facility is leaking and causing icing on driveway. Should be repaired ASAP.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Kent Manor Condominiums

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Croton Falls	NY0207322	Yes	No	Yes

Comments

None.

Inspections

On September 6, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 26, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 2, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

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

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Lewisboro Elementary School

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
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 September 20, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

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

On September 28, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On October 4, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On October 11, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On October 18, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On October 25, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 2, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

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

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Mahopac (NYCDEP)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Croton Falls	NY0026590	Yes	No	Yes

Comments

None.

Inspections

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

On October 30, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 2, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 7, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On July 31, 2018, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 73 °F, exceeding the SPDES limit of 70 °F.

On August 31, 2018, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 74 °F, exceeding the SPDES limit of 70 °F.

On September 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 for each occurrence. Upstream/downstream river monitoring indicated that effluent was of acceptable temperature. High ambient summer temperatures likely contributing to high effluent temperatures.

Enforcements

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

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Meadows at Cross River Condominiums

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Cross River	NY0099520	Yes	No	Yes

Comments

None.

Inspections

On July 3, 2018, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On September 21, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On September 28, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

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

On October 4, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On October 11, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On October 18, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On October 25, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 2, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Michelle Estates Realty Subdivision

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Cross River	NY0214841	Yes	No	Yes

Comments

None.

Inspections

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

On September 28, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On October 4, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On October 11, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On October 18, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On October 25, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 2, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

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

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: North Castle and Harrison Pump Stations

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Kensico	RC0000002	Yes	No	No

Comments

None.

Inspections

DEP conducted reconnaissance inspections throughout the third and fourth 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.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: Waccabuc Country Club

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Cross River	NY0105708	Yes	No	Yes

Comments

None.

Inspections

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

On September 20, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On September 28, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On October 4, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On October 11, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On October 18, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On October 25, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 2, 2018, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

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

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2019

Facility: West Lake Sewer Extension

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Kensico	RC0000001	Yes	No	No

Comments

None.

Inspections

Staff performed inspections of the West Lake Trunk Sewer throughout the third and fourth 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.