

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

**Wastewater Treatment Plant Compliance Inspection Reports
Summary – 3rd and 4th quarter 2019**

March 2020

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



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Division of Watershed Protection Programs

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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 2019. 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	Report Sent to Owner
Pepacton	NY0262854	Yes	No	Yes

Comments

On August 13th and 14th Rural Water smoke tested the collection system throughout the town. They did not find a major source of I & I but did find about 6- 8 clean outs without any caps and replaced them. These were not the results the operators were hoping for.

Inspections

On September 16, 2019 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below: Item: 'A7. Influent Impact on Operations' received a rating of Unsatisfactory with comments: 'They still have I&I issues. Rural Water was there in August and conducted a smoke test on the collection system. They did not find any major leaks. The average flow for the month of September was about 35,000 GPD. The SPDES limit is 62,000 GPD. '.

On December 10, 2019 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below: Item: 'A7. Influent Impact on Operations' received a rating of Unsatisfactory with comments: 'The flow for yesterday was 73,000 gallons and today will be higher. SPDES limit is 62,000 GPD. They still have I&I issues. Rural Water was there in August and conducted a smoke test on the collection system. They did not find any major leaks.'.

SPDES Permit Exceedance(s)

On November 30, 2019 DMR indicated a violation of FLOW EFFL 30 DAY AVG with a sample result of 0.064 MGD exceeding the SPDES limit of 0.062 MGD. This is caused by I&I issues in the collection system. A RNCE was issued and attached.

On December 31, 2019 DMR indicated a violation of BOD5 % RMVD with a sample result of 76 % exceeding the SPDES limit of 85 %. A RNCE was submitted and is attached. The 24 hour composite sample showed a BOD result of <4.0 mg/l but it was obtained on a day with very high flow (0.127 MGD). The high flow caused a reduced % removal result.

On December 31, 2019 DMR indicated a violation of FLOW EFFL 30 DAY AVG with a sample result of 0.08 MGD exceeding the SPDES limit of 0.062 MGD. This is caused by I&I in the collection system.

On December 31, 2019 DMR indicated a violation of BOD5 LBS DAILY MAX with a sample result of 4.2 lbs/d exceeding the SPDES limit of 2.6 lbs/d. A RNCE was submitted and is attached. The 24 hour composite sample showed a BOD result of <4.0 mg/l but it was obtained on a day with very high flow (0.127 MGD). This caused a calculated loading violation which is odd because the % BOD removal was below the required 85%.

Enforcements

None.

Miscellaneous

On July 16, 2019 DEC issued a warning letter related to flow violations during the 2019 monitoring period. They are requiring the facility to implement a flow management plan. The letter is attached in WaLIS.

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Facility: Ashland

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

Comments

None.

Inspections

On July 22, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 21, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On November 13, 2019 RCI staff requested SPDES renewal letter from operator.

On November 13, 2019 RCI staff added SPDES renewal letter.

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Facility: Boiceville

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

Comments

The operators found a total of 86 cleanouts throughout the town that were lifted and disconnected to some degree. They have pushed/hammered them back into place. This has reduced the level of I&I considerably.

Inspections

On July 11, 2019 RCI staff performed a Follow-up Inspection of the facility. The company that calibrates the meters is scheduled to come out ASAP.

The operators switched to one SBR tank but had to switch back because the ammonia level was increasing too high. They did not get to replace the diffusers. They will make another attempt in the future but will increase the MLSS to a higher number prior to attempting it.

On September 10, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 14, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On September 5, 2019 a DEP sample indicated an exceedance of Ammonia with a sample result of 2.89 mg/L, exceeding the SPDES parameter limit of 2.2 mg/L. This facility has problems with meeting its ammonia limits especially when only one SBR is being used.

On November 14, 2019 a DEP sample indicated an exceedance of Turbidity with a sample result of 0.60 NTU's, exceeding the SPDES parameter limit of 0.5. The SBR effluent turbidity was very high (35 NTU's). The operator stated that they added a degreaser to the influent pump station on October 24th and since then the turbidity has spiked causing the effluent turbidity exceedance.

Enforcements

None.

Miscellaneous

On July 16, 2019 RCI staff received an email that all of the meters were calibrated today.

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Facility: Chichester (NYCDEP)

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

Comments

None.

Inspections

On July 29, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 10, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On November 13, 2019 RCI staff requested copy of updated SPDES renewal letter. Letter was received and added to database.

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Facility: Delhi

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

Comments

None.

Inspections

On September 16, 2019 RCI 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: 'Flows still reduced due to collection system repairs. High solids loading, temperature and flow from DOMO causing intermittent issues but new DAF system at DOMO may help but SPDES compliance issues continue, most likely related to industrial loading. Village working with industries to address. Sewer specialties performed I&I amelioration to collection system. Regarding phosphorus loading, plant switching to EPIC 70 from EPIC 58 during times of high phosphorus loading. EPIC 70 more expensive, but does a better job knocking out the phosphorus.

On December 16, 2019 RCI 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: 'Flows still reduced due to collection system repairs. High solids loading, temperature and flow from DOMO causing intermittent issues but new DAF system at DOMO may help but SPDES compliance issues continue, most likely related to industrial loading. Village working with industries to address. Sewer specialties performed I&I amelioration to collection system seasonally. Regarding phosphorus loading, plant switching to EPIC 70 from EPIC 58 during times of high phosphorus loading. EPIC 70 more expensive, but does a better job knocking out the phosphorus. Lines jetted as needed.

SPDES Permit Exceedance(s)

On July 2, 2019 a DEP sample indicated an exceedance of Phosphorus with a sample result of 0.924 mg/L, exceeding the SPDES parameter limit of 0.11 mg/L. An issue at DOMO caused high colloidal discharge that was very difficult to resolve. Operator had contractor come in for jar testing and issue slowly resolved and ended in July.

On July 2, 2019 a DEP sample indicated an exceedance of Settleable Solids with a sample result of 0.2 mg/L, exceeding the SPDES parameter limit of 0.1 mg/L. An issue at DOMO caused high colloidal discharge that was very difficult to resolve. Operator had contractor come in for jar testing and issue slowly resolved and ended in July.

On July 31, 2019 DMR indicated a violation of TEMP with a sample result of 81 Deg F exceeding the SPDES limit of 70 Deg F. High industry feed temperatures plus ambient summer temperatures causing this problem. Operator has few options to rectify.

On July 31, 2019 DMR indicated a violation of TSS 7 DAY AVG with a sample result of 16 mg/l exceeding the SPDES limit of 15 mg/l. All other parameters normal regarding solids. Operator feels that this is a lab error. Contention supported by other DMR data.

On August 14, 2019 a DEP sample indicated an exceedance of Phosphorus with a sample result of 0.329 mg/L, exceeding the SPDES parameter limit of 0.11 mg/L. High industrial feed load causing plant issues, strongly suggest operator increase pressure on industrial feeds to ameliorate.

On August 31, 2019 DMR indicated a violation of TEMP with a sample result of 81 Deg F exceeding the SPDES limit of 70 Deg F. A RNCE was issued and is attached. The operator stated that the influent temperature to the WWTP from the local industrial process plants was high causing the exceedance.

On August 31, 2019 DMR indicated a violation of PHOS 30 DAY AVG with a sample result of 0.18 mg/l exceeding the SPDES limit of 0.11 mg/l. A RNCE was issued and is attached. The operator stated that aeration tank # 2 is used as an EQ tank during periods where local industrial plants have process upsets. They introduced the flow too quickly back into the treatment system

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and the Phosphorous level was too high (19.0 mg/l) causing the exceedance. They are planning to test the EQ for certain parameters and adjust chemical addition and the process to avoid exceedances in future industrial upsets.

On August 31, 2019 DMR indicated a violation of TURBIDITY with a sample result of 72 NTU exceeding the SPDES limit of 5 NTU. A RNCE was issued and is attached. The operator stated that aeration tank # 2 is used as an EQ tank during periods where local industrial plants have process upsets. They introduced the flow too quickly back into the treatment system causing an upset leading to the effluent turbidity exceedance. They are planning to test the EQ for certain parameters and adjust chemical addition and the process to avoid exceedances in the future.

On September 30, 2019 DMR 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. Chronic plant overloading from industries causing chronic plant compliance issues,.

On September 30, 2019 DMR indicated a violation of TEMP with a sample result of 77 Deg F exceeding the SPDES limit of 70 Deg F. Chronic plant overloading from industries causing chronic plant compliance issues,.

On October 23, 2019 a DEP sample indicated an exceedance of Phosphorus with a sample result of 0.116 mg/L, exceeding the SPDES parameter limit of 0.11 mg/L. Chronic plant overloading from industries causing chronic plant compliance issues,.

On October 31, 2019 DMR indicated a violation of TIME TURBIDITY with a sample result of 5514 Minutes exceeding the SPDES limit of 2160 Minutes. High industry loading causing plant process issues, suggest plant operator work with Village code enforcement to ensure sewer use ordinance is followed by industrial users, better pretreatment or equalization.

On October 31, 2019 DMR indicated a violation of TEMP with a sample result of 76 Deg F exceeding the SPDES limit of 70 Deg F. High industry feed temperatures causing this problem.

On November 6, 2019 a DEP sample indicated an exceedance of Settleable Solids with a sample result of 0.3 mg/L, exceeding the SPDES parameter limit of 0.1 mg/L. Plant having process issues, this result not detected by in plant testing however settleable solids can vary through the course of the day.

On November 30, 2019 DMR indicated a violation of TURBIDITY with a sample result of 5.87 NTU exceeding the SPDES limit of 5 NTU. After install new turbidity meter, operator having issues with the meter which led to high reading, but not actual high effluent turbidity per operator.

Enforcements

On December 16, 2019 RCI staff delivered a Verbal Warning regarding chronic SPDES violations related to industrial loading on facility.

Miscellaneous

On November 13, 2019 RCI staff requested SPDES renewal letter.

DEP received notification from DEC regarding changes to the management and potential ownership of the pump station and force main that delivers flow from Saputo and DOMO to the Delhi WWTP.

On December 11, 2019 RCI staff filed an Incident Report of a spill internally. DEP RCI staff received a call from NYSDEC at 2:30 pm regarding a reported spill at the IDA line that feeds process waste from Friesland Campina-DOMO and Saputo foods to the Delhi WWTP. RCI staff responded to the spill site at 3:30 pm and were informed that a leak was detected behind the Saputo facility at 10:30 am and flow to and through the line was cut off at 11:00 am ameliorating the spill. Subsequent excavation revealed a failed joint. The joint was cut out and a repair splice was installed using a band clamp type fernco fitting. Flow was restored to the line at 3:45 pm on 12/11/19 and no leaks were noted. The volume of the discharge appeared to be >500 gallons and a more accurate determination of the discharge volume is forthcoming after we evaluate Delhi WWTP flow data prior to, during and after the leak.

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On December 12, 2019 RCI staff requested the WWTP operator look into flow data from IDA line prior to, during and after the 12/11/19 spill in an effort to determine the approximate volume of the spill.

On December 13, 2019 RCI staff followed up with plant operator to determine if spill amount could be determined via flow data from force main. Data was inconclusive and no definite amount of leakage could be determined.

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Facility: Denver Sewer Corp. (Roxbury Run Village)

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

Comments

None.

Inspections

On September 17, 2019 RCI 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 DEC is in the process of changing the SPDES permit to list the effluent flow as the required reporting location. '

Item: 'D6. Micro Filtration' received a rating of Marginal with comments: 'The compressor was serviced and one new motor was installed and the other was sent out to be repaired or replaced. They have a portable compressor unit connected to the receiving tank as a backup unit. There are still some water leaks in the MF system and the air block supply manifold needs to be replaced. '

On November 26, 2019 RCI 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 DEC is in the process of changing the SPDES permit to list the effluent flow as the required reporting location. '

Item: 'D6. Micro Filtration' received a rating of Marginal with comments: 'One new motor was installed and the other was sent out to be repaired or replaced and they are still waiting for it to be returned. New controls were installed. They have a portable compressor unit connected to the receiving tank as a backup unit. There are still some water leaks in the MF system and the air block supply manifold needs to be replaced. '

SPDES Permit Exceedance(s)

On August 7, 2019 a DEP sample indicated an exceedance of Dissolved Oxygen with a sample result of 5.8mg/L, exceeding the SPDES parameter limit of 7 mg/L.

On September 4, 2019 a DEP sample indicated an exceedance of Dissolved Oxygen with a sample result of 6.4 mg/L, exceeding the SPDES parameter limit of 7 mg/L. There was no known reason for the low DO value obtained.

Enforcements

None.

Miscellaneous

On December 6, 2019 RCI staff concluded an email exchange with DEC regarding change in permit flow measurement from influent to effluent, to match how they currently record flow. Page 4 of permit will be revised. Page 5, which included expansion to 0.100mgd is being removed.

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Facility: Elka Park Association

Basin	SPDES	Inspected	Seasonal	Report Sent to Owner
Soharie	NY0092991	Yes	No	Yes

Comments

None.

Inspections

On July 25, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 8, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On December 4, 2019 a DEP sample indicated an exceedance of NH₃ with a sample result of 12.4 mg/l. exceeding the SPDES parameter limit of 2.2 mg/l. The operator stated that there was no known reason for the exceedance.

Enforcements

None.

Miscellaneous

On December 10, 2019 RCI staff contacted facility re: high NH₃ numbers, waiting for reply.

On December 12, 2019 RCI staff received a response from plant operator who will look into the high NH₃. Operator indicated that he would look into the issue. Subsequent DMR ammonia monitoring showed no ammonia violation. The operator questioned the QA/QC of the NH₃ sample stating that there was no known reason for the exceedance and there was no process upset at the WWTP.

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Facility: Fleischmanns

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

Comments

None.

Inspections

On July 9, 2019 RCI 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 increased with summer residents back in town. Significantly increased rag loading now, pumps struggling with chopping up the rags and sending them down to the WWTP. Pumps need cleaning constantly. Rags must now be dealt with at WWTP which is preferable to lift station overflows. Engineer still working on plan with operator to deal with the rags but seems to be taking an inordinate amount of time.

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. Operator getting quotes for fine screen system.

On October 9, 2019 RCI 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. Rag loading decreased now, pumps dealt with chopping up the rags and sending them down to the WWTP, but struggled and required constant service. Pumps need cleaning constantly in summer. Rags must now be dealt with at WWTP which is preferable to lift station overflows. Engineer still working on plan with operator to deal with the rags.

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. Operator getting quotes for fine screen system.

On November 13, 2019 RCI staff provided technical assistance to the facility. Assistance cancelled, operator called away, to be rescheduled.

SPDES Permit Exceedance(s)

On July 31, 2019 DMR indicated a violation of PH MIN with a sample result of 6.34 SU exceeding the SPDES limit of 6.5 SU. High ammonia loading causing pH issue. Soda ash addition augmented with hydroxide resolved issue. This is typically a result of the additional plant loading caused by increased village summer residents.

On September 30, 2019 DMR indicated a violation of CBOD5 DAILY MAX with a sample result of 5.3 mg/l exceeding the SPDES limit of 5 mg/l. Operator feels sample might have been contaminated since plant was operating well and CBOD issues are atypical at this facility. Subsequent monitoring showed no issues.

Enforcements

None.

Miscellaneous

On November 13, 2019 RCI staff requested updated SPDES renewal letter. Renewal letter received and added to database.

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Facility: Friesland Campina - DOMO (Cooling Water)

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

Comments

None.

Inspections

None.

SPDES Permit Exceedance(s)

On August 31, 2019 DMR indicated a violation of TEMP with a sample result of 72 Deg F exceeding the SPDES limit of 70 Deg F. Short term event, more cooling water added to rectify.

On September 30, 2019 DMR indicated a violation of TEMP with a sample result of 71 Deg F exceeding the SPDES limit of 70 Deg F. Short duration event, heating load reduced and more cooling water added to rectify.

Enforcements

None.

Miscellaneous

On October 4, 2020 a Report of Noncompliance Event was filed with DEC/DEP, for an event(s) occurring on 10/4/19. Temperature excursion above 70 recorded. Temperature load reduced and more cooling water added. Short term event.

On December 11, 2019 RCI staff filed an Incident Report of a spill internally. DEP RCI staff received a call from NYSDEC at 2:30 pm regarding a reported spill at the IDA line that feeds process waste from Friesland Campina-DOMO and Saputo foods to the Delhi WWTP. RCI staff responded to the spill site at 3:30 pm and were informed that a leak was detected behind the Saputo facility at 10:30 am and flow to and through the line was cut off at 11:00 am ameliorating the spill. Subsequent excavation revealed a failed joint. The joint was cut out and a repair splice was installed using a band clamp type fernco fitting. Flow was restored to the line at 3:45 pm on 12/11/19 and no leaks were noted. The volume of the discharge appeared to be >500 gallons and a more accurate determination of the discharge volume is forthcoming after we evaluate Delhi WWTP flow data prior to, during and after the leak.

On December 27, 2019 RCI staff performed a Semi-Annual Inspection. All items inspected were found to be satisfactory.

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Facility: Grahamsville (NYCDEP)

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

Comments

None.

Inspections

On July 24, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 29, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On November 13, 2019 RCI staff added new SPDES permit.

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Facility: Grand Gorge (NYCDEP)

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

Comments

None.

Inspections

On July 8, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 3, 2019 RCI 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: Hanah Country Inn & Golf Resort

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

Comments

None.

Inspections

On September 17, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 26, 2019 RCI 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 2020

Facility: Hobart

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

Comments

None.

Inspections

On September 4, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 23, 2019 RCI 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 2020

Facility: Hunter

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

Comments

None.

Inspections

On September 5, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 18, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On September 30, 2019 DMR indicated a violation of CHLOR CONT TANK DAILY MIN with a sample result of 0.17 mg/l exceeding the SPDES limit of 0.2 mg/l. A RNCE was issued and is attached. The operator failed to keep the chlorine level high enough due to a high level of nitrite. They shut down the forward flow through the plant and recirculated overnight. They resumed forward flow the next morning with an adequate chlorine level.

On October 31, 2019 DMR indicated a violation of BOD5 DAILY MAX with a sample result of 12 mg/l exceeding the SPDES limit of 5 mg/l. The facility has a new reduced chlorine limit (0.03 mg/l). The operator increased the Sodium Thiosulfate feed rate to reduce the effluent chlorine however it also increases the oxygen demand. They reduced the feed rate since.

On October 31, 2019 DMR indicated a violation of CHLOR CONT TANK DAILY MIN with a sample result of 0.17 mg/l exceeding the SPDES limit of 0.2 mg/l. A RNCE was submitted and is attached. The operator failed to notice and keep the residual chlorine level above the .2 mg/l. They increased the dose to correct.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2020

Facility: Kraft Dairy (Cooling Water)

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

Comments

None.

Inspections

None.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On December 27, 2019 RCI staff performed a Semi-Annual Inspection. All items inspected were found to be satisfactory.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2020

Facility: L'man Achai (Camp)

Basin	SPDES	Inspected	Seasonal	Report Sent to Owner
Pepacton	NY0104957	Yes	No	Yes

Comments

None.

Inspections

On August 8, 2019 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'D2. Sand Filters' received a rating of Unsatisfactory with comments: 'Normal operations, one bed partially weeded, second bed not weeded. Significant ponding on bed in use. Proper weeding is necessary to ensure proper sand filter operation. This must be done. This function is the responsibility of the plant owner as per the plant operator. Proper plant functioning depends on proper plant maintenance.

On December 18, 2019 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'D2. Sand Filters' received a rating of Unsatisfactory with comments: 'Normal operations, one bed partially weeded, second bed not weeded. Significant ponding on bed in use. Proper weeding is necessary to ensure proper sand filter operation. This must be done. This function is the responsibility of the plant owner as per the plant operator. Proper plant functioning depends on proper plant maintenance.

SPDES Permit Exceedance(s)

On August 7, 2019 a DEP sample indicated an exceedance of Temperature with a sample result of 71.24 °F, exceeding the SPDES parameter limit of 70 °F.

Enforcements

None.

Miscellaneous

On November 13, 2019 RCI staff requested updated SPDES renewal letter. Letter received and added to database.

NYCDEP WWTP Inspection Program
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Facility: Machne Tashbar (Camp)

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

Comments

None.

Inspections

On 7/16/19 RCI staff performed a Reconnaissance Inspection of the facility and collection system. No problems noted.

On August 7, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On September 12, 2019 RCI staff performed a Reconnaissance Inspection of the facility. No abnormal conditions noted.

On September 30, 2019 RCI staff performed a Reconnaissance Inspection of the facility. No abnormal conditions noted, construction activity.

On October 30, 2019 RCI staff performed a Reconnaissance Inspection of the facility. Noted some old dried solids around tank that could possibly have been caused by overflow, yet no occupancy. Solids may be from tank cleanout too. Will continue to check.

On October 31, 2019 RCI staff performed a Follow-up Inspection of the facility. Heavy rain caused no discernible increase in EQ tank level.

On November 26, 2019 RCI 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
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March 2020

Facility: Margaretville (NYCDEP)

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

Comments

None.

Inspections

On July 30, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 21, 2019 RCI 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 2020

Facility: Mountain View Estates

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

Comments

None.

Inspections

On August 7, 2019 RCI 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: 'SPDES permits, licenses posted. Lighting upgrade planned, many lights out in building and it is hard to see. Building and grounds otherwise ok.'

On October 17, 2019 RCI 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: 'SPDES permits, licenses posted. Lighting upgrade planned, many lights out in building and it is hard to see, could be dangerous, difficult to inspect under low light conditions. Building and grounds otherwise ok.'

SPDES Permit Exceedance(s)

On July 25, 2019 a DEP sample indicated an exceedance of CBOD5 with a sample result of >17.2 mg/L, exceeding the SPDES parameter limit of 5 mg/L. Discussed with operator, plant testing ok. Plant has extremely low effluent flow <500 GPD. This is likely the root cause actually.

On September 12, 2019 a DEP sample indicated an exceedance of Phosphorus with a sample result of 1.9 mg/L, exceeding the SPDES parameter limit of 1 mg/L. Discussed with operator, nothing else anomalous at time, operator samples ok, will watch closely.

On September 30, 2019 DMR indicated a violation of CBOD5 DAILY MAX with a sample result of 15 mg/l exceeding the SPDES limit of 5 mg/l. Process issues at plant due to very low flows, operator considering adding more food to MBR.

On September 30, 2019 DMR indicated a violation of PHOS 30 DAY AVG with a sample result of 1.12 mg/l exceeding the SPDES limit of 1 mg/l. Plant having low flow issues, exceedance discussed.

On October 10, 2019 a DEP sample indicated an exceedance of Phosphorus with a sample result of 1.96 mg/L, exceeding the SPDES parameter limit of 1 mg/L. Discussed with operator, nothing else anomalous at time, operator samples ok, will watch closely.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2020

Facility: Mountainside Farms Inc.

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

Comments

None.

Inspections

On September 17, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 26, 2019 RCI 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 2020

Facility: Oh-Neh-Tah (Camp)

Basin	SPDES	Inspected	Seasonal	Report Sent to Owner
Schoharie	NY0205460	Yes	No	Yes

Comments

None.

Inspections

On September 19, 2019 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below: Item: 'A4. Stand-by Power' received a rating of Unsatisfactory with comments: 'The generator is in the lock-out / tag-out mode. The operator stated that the generator company came out and conducted a service on the unit and they needed to order a part. The purchase order was approved and as soon as the part is on hand they will be back to make the repair and run test run the generator which has not been done in a while. The running hour meter has not changed (186.7 hours). The phase inverter was running. The generator is needed to be operational to run the heating unit during the winter months. It should be repaired and exercised on a regular basis. '.

On November 19, 2019 RCI 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
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Facility: Olive Woods LLC. (Woodstock Percussion)

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

Comments

None.

Inspections

On September 4, 2019 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'E1. U.V. Disinfection' received a rating of Marginal with comments: 'Trojan brand swift units are used. The # 2 unit needs a new sensor and is not being used at the present time. The unit does work but the sensor does not read correctly. They have ordered a new sensor. '
Item: 'E5. Discharge Sign' received a rating of Marginal with comments: 'The discharge sign is down on the ground at the outfall and needs to be put back up. '.

On December 17, 2019 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'E5. Discharge Sign' received a rating of Marginal with comments: 'The discharge sign is down on the ground at the outfall and needs to be put back up. '.

SPDES Permit Exceedance(s)

On October 17, 2019 a DEP sample indicated an exceedance of Ammonia with a sample result of 3.23 mg/L, exceeding the SPDES parameter limit of 2.2 mg/L.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
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March 2020

Facility: Oorah Catskill Retreat

Basin	SPDES	Inspected	Seasonal	Report Sent to Owner
Schoharie	NY0069957	Yes	No	Yes

Comments

None.

Inspections

On August 6, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 26, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On July 31, 2019 DMR indicated a violation of TDS with a sample result of 540 mg/l exceeding the SPDES limit of 500 mg/l. TDS and Nitrate are monitor action level parameters.

On August 31, 2019 DMR indicated a violation of TDS with a sample result of 530 mg/l exceeding the SPDES limit of 500 mg/l. TDS and Nitrate are monitor action level parameters.

On September 30, 2019 DMR indicated a violation of TDS with a sample result of 630 mg/l exceeding the SPDES limit of 500 mg/l. TDS and Nitrate are monitor action level parameters.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
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Facility: Pine Hill (NYCDEP)

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

Comments

None.

Inspections

On September 25, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 10, 2019 RCI 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 2020

Facility: Prattsville

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

Comments

None.

Inspections

On September 19, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 19, 2019 RCI 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
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Facility: Richardson Hill Road Landfill

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

Comments

None.

Inspections

On December 11, 2019 RCI 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
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Facility: Robert W. Harold Campus (BOCES)

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

Comments

None.

Inspections

On September 25, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 11, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On August 14, 2019 a DEP sample indicated an exceedance of pH with a sample result of 5.83 SU, exceeding the SPDES parameter limit of 6.5 SU. Operators monitoring showed no pH exceedance. Exceedances of this type are atypical for this facility, but if it becomes chronic, it will be looked into more closely.

On August 31, 2019 DMR indicated a violation of TURBIDITY with a sample result of 0.71 NTU exceeding the SPDES limit of 0.5 NTU. Turbidity meter having issues.

On September 30, 2019 DMR indicated a violation of TURBIDITY with a sample result of 0.77 NTU exceeding the SPDES limit of 0.5 NTU. Operator having intermittent meter problems.

On November 30, 2019 DMR indicated a violation of TURBIDITY with a sample result of 0.66 NTU exceeding the SPDES limit of 0.5 NTU. Reporting error, no actual exceedance.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
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Facility: Roxbury Lift Station

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

Comments

None.

Inspections

On August 13, 2019 RCI staff performed a Reconnaissance Inspection of the facility. Lead lag pump setup, pump hours = 60961/53583, wet well = 4.7', pumps deragged, generator hours=428.4. Normal lift station operations.

On December 18, 2020 RCI staff performed a Reconnaissance Inspection of the facility. Generator ok, no alarm conditions, heater pump noisy, 437.8 hours. EQ clean and empty, control room neat and orderly. Pumps painted, Hrs=6273/5509. FM totalizer = 46,839,442.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
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Facility: Saputo Foods USA LLC (Cooling Water)

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

Comments

None.

Inspections

None.

SPDES Permit Exceedance(s)

None.

Enforcements

On December 11, 2019 RCI staff delivered a Verbal Warning for untreated process water leak behind the facility. DEP RCI staff received a call from NYSDEC at 2:30 pm regarding a reported spill at the IDA line that feeds process waste from Friesland Campina-DOMO and Saputo foods to the Delhi WWTP. RCI staff responded to the spill site at 3:30 pm and were informed that a leak was detected behind the Saputo facility at 10:30 am and flow to and through the line was cut off at 11:00 am ameliorating the spill. Subsequent excavation revealed a failed joint. The joint was cut out and a repair splice was installed using a band clamp type fernco fitting. Flow was restored to the line at 3:45 pm on 12/11/19 and no leaks were noted. The volume of the discharge appeared to be >500 gallons and a more accurate determination of the discharge volume is forthcoming after we evaluate Delhi WWTP flow data prior to, during and after the leak.

Recently, a trench was dug parallel to the leaking IDA line, 10 feet away from the line. Though it is impossible to confirm, it is still possible that this nearby excavation caused the leak via ground disturbance reducing the compaction of the soils around the line. The soil compaction facilitates a stable backfill that helps keep the joints stable. DEP warned that future excavation should be performed further away from the line and extreme caution should be taken when driving heavy equipment over the IDA line.

Miscellaneous

On December 11, 2019 RCI staff filed an Incident Report of a spill internally. DEP RCI staff received a call from NYSDEC at 2:30 pm regarding a reported spill at the IDA line that feeds process waste from Friesland Campina-DOMO and Saputo foods to the Delhi WWTP. RCI staff responded to the spill site at 3:30 pm and were informed that a leak was detected behind the Saputo facility at 10:30 am and flow to and through the line was cut off at 11:00 am ameliorating the spill. Subsequent excavation revealed a failed joint. The joint was cut out and a repair splice was installed using a band clamp type fernco fitting. Flow was restored to the line at 3:45 pm on 12/11/19 and no leaks were noted. The volume of the discharge appeared to be >500 gallons and a more accurate determination of the discharge volume is forthcoming after we evaluate Delhi WWTP flow data prior to, during and after the leak.

On December 27, 2019 RCI staff performed a Semi-Annual Inspection. All items inspected were found to be satisfactory.

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Facility: Stamford

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

Comments

None.

Inspections

On September 18, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On December 11, 2019 On October 4, 2017 a DEP sample indicated an exceedance of Chlorine - Effluent with a sample result of 0.15 mg/L, exceeding the SPDES parameter limit of 0.1 mg/L.

On December 31, 2019 DMR indicated a violation of CBOD5 % RMVD with a sample result of 83 % exceeding the SPDES limit of 85 %. High inflow and infiltration causing dilution of influent leading to low percent removal, no concentration violation however.

Enforcements

None.

Miscellaneous

On August 6, 2019 RCI staff received the following message from Cedarwood:

On July 8th, we had a major failure of the main drive shaft bearing/housing on the Dual Sand Filter reject clarifier at the Village of Stamford WWTP. This is the clarifier that handles all of the reject water from our sand filters. Unfortunately this is not something that we can repair on our own and required us to get Koester Associates involved as they are the only distributor in the North East for Amwell, the company that makes and sells parts for that clarifier.

The entire main shaft needs to be removed in order to replace the bearing and housing. Attached are two separate quotes for the project. One quote to replace just the bearing/housing that failed and the other to replace the entire main shaft and the bearing/housing on both sides. As you can imagine, there is a significant cost difference between the two quotes, however, due to the fact that the main drive shaft needs to be removed anyway, we thought it best to present a quote for replacement of that and the other bearing/housing since it's been in operation for 17 years at this point and will likely need to be replaced within the next 2-3 years if not now.

Due to the fact that this clarifier handles only reject water from our Dual Sand Filters, the cost burden will fall 100% on the city as per the O & M agreement. As this is a large expense and unbudgeted, we are seeking the City's approval to move forward with whichever repair they see fit. The village has approved the payment for said repair initially and will seek reimbursement on the 2019-2020 reconciliation.

Please let me know which quote meets the city's approval for repair. Please let me know if you have any questions or concerns.

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Facility: Tannersville (NYCDEP)

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

Comments

None.

Inspections

On July 2, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 2, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On November 13, 2019 RCI staff added updated SPDES permit.

NYCDEP WWTP Inspection Program
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Facility: Timber Lake (Camp)

Basin	SPDES	Inspected	Seasonal	Report Sent to Owner
Ashokan	NY0240664	Yes	No	Yes

Comments

None.

Inspections

On July 16, 2019 RCI staff performed a Reconnaissance Inspection of the facility. Pipe to the septic tank and the tank were good with no leaks noted. Effluent over the clarifier looked clear, sand filter had a slight amount of weeds growing. Generator was ok. Effluent at the outfall pipe looked clear. The rest of the facility was locked up and no operators were present.

On July 25, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 15, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On July 18, 2019 a DEP sample indicated an exceedance of Temperature with a sample result of 73.22 °F, exceeding the SPDES parameter limit of 70 °F.

On July 31, 2019 DMR indicated a violation of TEMP with a sample result of 75.3 Deg F exceeding the SPDES limit of 70 Deg F.

On August 8, 2019 a DEP sample indicated an exceedance of Temperature with a sample result of 73.04 °F, exceeding the SPDES parameter limit of 70 °F.

On August 31, 2019 DMR indicated a violation of TEMP with a sample result of 73.6 Deg F exceeding the SPDES limit of 70 Deg F.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
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Facility: Trailside at Hunter LLC (Hunter Highlands)

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

Comments

None.

Inspections

On August 29, 2019 RCI 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: 'HVAC in CBUD building has been inoperative for an extended period and caused freezing conditions which resulted in burst pipes, completely unacceptable. Was evaluated by contractor but still not fixed. Buildings in overall operable condition but original building showing wear, concrete stairs leading into need to be fixed. Lighting fixed. Ventilation fans inoperative, should be fixed to vent oxidative chlorine gas. Noted corrosion on ferrous metal in building due to this. Operator looking into repairs.'
 Item: 'A8. Preventative Maintenance' received a rating of Marginal with comments: 'Some long term deficiencies remain unresolved however many items addressed..'
 Item: 'D8. Turbidity Monitoring' received a rating of Unsatisfactory with comments: 'New meters installed but not calibrated, must be calibrated ASAP. Turbidity meters last calibrated 06/15/16, due 06/2017. This calibration is critical and is still not done. This has been pointed out many times in the past and remains unresolved which is completely unacceptable.'

On November 6, 2019 RCI 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: 'HVAC in CBUD building has been inoperative for an extended period (inoperative since 2018/2019 heating season) and caused freezing conditions which resulted in burst pipes, completely unacceptable. Was evaluated by contractor and needs a complete replacement. Approval to get this work done pending owner approval. Buildings in overall operable condition but original building showing wear, concrete stairs leading into need to be fixed. Lighting fixed. Ventilation fans inoperative, 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: 'Serviced and operational however there is no actual service contract in place that will facilitate scheduled periodic generator service. Battery charger and block heater was in service. New heater, belts, batteries and oil. The running hour meter showed 1037.6 hrs. Unit test operates weekly with no issue however unit is showing its age. This necessitates the need for a service contract. Given the criticality of the backup power system, it is imperative that the generator be maintained in the best possible manner.'
 Item: 'A5. Alarm Systems' received a rating of Unsatisfactory with comments: 'High tank levels, CL2, building temperature, flow, compressors, UPS power supplies alarmed to new SCADA system but SCADA inoperative, however phone line that facilitates call out intermittently inoperative. Needs immediate repair.'
 Item: 'A7. Influent Impact on operations' received a rating of Unsatisfactory with comments: 'Normal flows for off season however operator is having trouble maintain contact with plant owner regarding collection system issues. Collection system maintenance needs to be improved and have designated staff performing this function. Operator having problems contacting facility owner regarding collection system issues.'
 Item: 'A8. Preventative Maintenance' received a rating of Unsatisfactory with comments: 'Long term deficiencies remain unresolved.'
 Item: 'A9. Flow Metering' received a rating of Marginal with comments: 'Inoperative at inspection and one month prior, fixed quickly with new fuse after inspection but this easy fix should have been done sooner. Flow meter calibrated 1/23/19. Working well.'
 Item: 'A10. SCADA and electronics' received a rating of Unsatisfactory with comments: 'Plant being run in batch cycle in hand mode typically so plant is running OK as it is. SCADA system program inaccessible due to operators being locked out of computer system, however it can be accessed via the HMI panel. While it is operational, full access is important. Chemical flow pacing to the sand filters improved which will prevent chemical overdose. One issue I have is that the SCADA system was built on a Windows XP operating system which is no longer supported by Microsoft. I strongly suggest that the SCADA contractor upgrade the computer OS to Windows 10 or Windows 7 at least. Operator working on getting system password but callout functionality unaffected.'

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Item: 'D1. Aeration Tanks' received a rating of Marginal with comments: 'decant pump 2 failing, needs repair/replacement. Otherwise system OK. Tanks 1 and 2 operational and online. Working effectively. Both to be kept online. Occasional ammonia spikes.'

Item: 'D8. Turbidity Monitoring' received a rating of Unsatisfactory with comments: 'New meters installed but not calibrated, must be calibrated ASAP. Proposal for HACH service needs approval from plant owner which has not occurred. Turbidity meters last calibrated 06/15/16, due 06/2017. This calibration is critical and is still not done. This has been pointed out many times in the past and remains unresolved which is completely unacceptable. Reported turbidity to DEC via benchtop meter however SPDES permit.'

On November 27, 2019 RCI staff performed a Compliance Response Inspection of the facility. DEP REP staff notified by DEP Lab staff that effluent pH was measured at 3.09 and dissolved oxygen was measured at 0.17 mg/l, both very low and atypical numbers. DEP REP staff responded to the facility and were informed that a faulty (not fully seated) gate valve allowed approximately 4 gpm for approximately 24 hours to be discharged when it was thought that this 4 gpm flow was being directed back to the lagoon. The faulty valve is located at the effluent of the CBUD filters and facilitates forward flow or recirculation back to the influent EQ lagoon. During the 24 hour 4 gpm discharge, the sodium thiosulfate pump was on and pumping at a rate to treat the entire recirculation flow and not just the 4 gpm. In normal recirculation mode, the thiosulfate pump is off, but in this case was inadvertently left on. The very high dose of sodium thiosulfate resulted in the low pH and low dissolved oxygen. According to the plant flow meter, the total discharge was <200 gallons.

The short term remedy is that the operator will make absolutely sure that the valve in question is fully closed, however he plans to the valve fully rebuilt in the near future to permanently address this issue.

On December 5, 2019 RCI staff performed a Compliance Response Inspection of the facility. On 12/4/19, DEP water quality staff reported anomalous effluent in situ monitoring results of 5.50 for pH and 6.81 mg/l for dissolved oxygen, both atypically low numbers.

Follow up inspection at facility by REP staff revealed that the cause was a sodium thiosulfate overdose. This was brought about by a pump that was deactivated due to heavy snow. The snow load pulled the temporary plug from its outlet. While the forward flow pump was inoperative, sodium thiosulfate pumping remained at its normal pace causing the low DO, low pH situation. After discussing this with the operator, the operator stated that he would situate the conductors in such a way that snow would not affect the pump operation in the future. I also asked that he hard wire the pump to prevent future re-occurrence and he agreed. Finally, there are plans to utilize the effluent CL17 chlorine analyzer to facilitate sodium thiosulfate dosing. If this system were operational today, this would not have occurred, nor would the prior sodium thiosulfate overdose have occurred. The proposed contractor that would perform the connection to the CL17 and the SCADA (TAM) has yet to be paid for prior work as per the plant operator. This being the case, the installation of equipment that would improve system resiliency and improve water quality is delayed due to the plant owner not paying plant operations bills in a timely manner.

SPDES Permit Exceedance(s)

On July 17, 2019 a DEP sample indicated an exceedance of Dissolved Oxygen with a sample result of 6.9 mg/L, exceeding the SPDES parameter limit of 7 mg/L. DEP measurement of 6.9 with limit of 7.0, minimal issue.

On July 17, 2019 a DEP sample indicated an exceedance of pH with a sample result of 6.32 SU, exceeding the SPDES parameter limit of 6.5 SU. Discussed with operator, no issues with his pH measurements but readings can be low in summer. Suggested DEP samplers do concurrent tests with operator when anomalies are found.

On August 14, 2019 a DEP sample indicated an exceedance of Chlorine - Effluent with a sample result of 0.77 mg/L, exceeding the SPDES parameter limit of 0.1 mg/L. Discussed with operator, he was having issues with sodium thiosulfate pumps, pumps serviced and problem resolved per operator.

On September 19, 2019 a DEP sample indicated an exceedance of pH with a sample result of 6.39 SU, exceeding the SPDES parameter limit of 6.5 SU. Discussed at inspection, anomalous result and very close to limit.

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On September 30, 2019 DMR indicated a violation of CBOD5 % RMVD with a sample result of 81.5 % exceeding the SPDES limit of 85 %. Low feed BOD results in low % removal which in this case, is not a water quality issue.

On October 31, 2019 DMR indicated a violation of CBOD5 % RMVD with a sample result of 27.8 % exceeding the SPDES limit of 85 %. Low feed BOD results in low % removal which in this case, is not a water quality issue.

On November 27, 2019 a DEP sample indicated an exceedance of CBOD5 with a sample result of 17.3 mg/L, exceeding the SPDES parameter limit of 5 mg/L.

On November 27, 2019 a DEP sample indicated an exceedance of Dissolved Oxygen with a sample result of 0.2 mg/L, exceeding the SPDES parameter limit of 7 mg/L.

On November 27, 2019 a DEP sample indicated an exceedance of pH with a sample result of 3.09 SU, exceeding the SPDES parameter limit of 6.5 SU.

On November 30, 2019 DMR indicated a violation of CBOD5 LBS DAILY MAX with a sample result of 2.13 lbs/d exceeding the SPDES limit of 1.67 lbs/d. Feed pump issue caused sodium thiosulfate overload which led to high CBOD, pump repaired.

On November 30, 2019 DMR indicated a violation of CBOD5 DAILY MAX with a sample result of 7.2 mg/l exceeding the SPDES limit of 5 mg/l. Feed pump issue caused sodium thiosulfate overload which led to high CBOD, pump repaired.

On December 4, 2019 a DEP sample indicated an exceedance of pH with a sample result of 5.5 SU, exceeding the SPDES parameter limit of 6.5 SU.

On December 4, 2019 a DEP sample indicated an exceedance of Dissolved Oxygen with a sample result of 6.8 mg/L, exceeding the SPDES parameter limit of 7 mg/L.

On December 31, 2019 DMR indicated a violation of NH3 WINTER DAILY MAX with a sample result of 9.5 mg/l exceeding the SPDES limit of 2 mg/l. Plant having issues removing ammonia, operator feels that cold temperatures are inhibiting biological process however winter temperatures are actually above normal. Plants ability to remove ammonia may be limited.

Enforcements

On November 27, 2020 RCI staff delivered a Verbal Warning and instructed operator to not leave pumps on inadvertently that will cause SPDES violations.

On December 5, 2020 RCI staff delivered a Verbal Warning for failing to ensure that electrical equipment is properly energized. The failure in this case led to thiosulfate overdose.

Miscellaneous

On September 17, 2019 the DEC conducted an inspection of the facility.

Attached is engineer's report for Hunter Peaks, which comments on WWTP flows and capability to handle the anticipated increase in flow from this development.

On December 19, 2019 RCI staff emailed DEC requesting to be kept in loop regarding owner's response to their 11/27/19 letter, due 30 days later.

NYCDEP WWTP Inspection Program
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Facility: Ultra Dairy/Morningstar

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

Comments

None.

Inspections

None.

SPDES Permit Exceedance(s)

On August 31, 2019 DMR indicated a violation of PH MIN with a sample result of 6.3 SU exceeding the SPDES limit of 6.5 SU.

On October 31, 2019 DMR indicated a violation of PH MIN with a sample result of 6.3 SU exceeding the SPDES limit of 6.5 SU.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2020

Facility: Walton

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

Comments

None.

Inspections

On September 25, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 11, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On July 31, 2019 DMR indicated a violation of TEMP with a sample result of 79 Deg F exceeding the SPDES limit of 70 Deg F. High ambient summer temperatures likely cause. Operator initiated upstream/downstream monitoring of outfall. Results showed a 1 degree difference.

On July 31, 2019 DMR indicated a violation of TIME TURBIDITY with a sample result of 4601 Minutes exceeding the SPDES limit of 2160 Minutes. Plant in upset condition which operator attributes to main industrial input (Kraft). Problems in clarifiers and settling also. Operator made process control adjustments and contacted Kraft, problem settled down for now.

On August 31, 2019 DMR indicated a violation of TEMP with a sample result of 79 Deg F exceeding the SPDES limit of 70 Deg F. River monitoring showed no deleterious effects.

On September 30, 2019 DMR indicated a violation of TEMP with a sample result of 77 Deg F exceeding the SPDES limit of 70 Deg F. River monitoring showed no deleterious effects.

On October 31, 2019 DMR indicated a violation of TEMP with a sample result of 73 Deg F exceeding the SPDES limit of 70 Deg F. River monitoring showed no deleterious effects.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2020

Facility: Windham

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

Comments

None.

Inspections

On September 19, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 19, 2019 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On July 31, 2019 DMR 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.

On October 3, 2019 a DEP sample indicated an exceedance of Chlorine - Effluent with a sample result of 0.13 mg/L, exceeding the SPDES parameter limit of 0.1 mg/L.

On November 7, 2019 a DEP sample indicated an exceedance of Chlorine - Effluent with a sample result of 0.12 mg/L, exceeding the SPDES parameter limit of 0.1 mg/L.

Enforcements

None.

Miscellaneous

On August 27, 2019 DWQC effluent sample was taken. Results showed a positive detection for Giardia with 2 cyst observed. RCI staff obtained a copy of the turbidity report from the facility and is attached. There were no readings that were above the 0.50 NTU's. The operator stated they were not aware that any abnormalities occurred that day that may have caused a positive detection.

On December 4, 2019 DWQC effluent sample was taken. Results showed a positive detection for Giardia with 1 cyst observed. RCI staff obtained a copy of the turbidity report from the facility and is attached. The turbidity was above 0.50 NTU's. for 3.0 minutes with a maximum value of 0.93 NTU's. There were none above the 5.0 SPDES limit. The operator stated that the higher numbers happened when the generator test ran and transferred power. Run time was 11 to 12 which is when spike occurred and the sample was obtained at 11:55. The instantaneous flow at 11:00 was the highest for the day at 352 GPM. Sand filter # 2 was in service. No other abnormalities occurred that day.

NYCDEP WWTP Inspection Program
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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 9, 2019, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'C1. Settling Tanks (2) ' received a rating of Marginal with comments: 'One tank is off line with broken sludge scraper chain repaired. Operator is reportedly soliciting both tanks drives and chains replacement quotes.'

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. CIP TMP restoration is worse in winter than in summer. Almost 40% of flow is recycled as backwash. Leaking skid piping. Pall membrane units are considered as replacement.'

On October 1, 2019, 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. CIP TMP restoration is worse in winter than in summer. Almost 40% of flow is recycled as backwash. Leaking skid piping. Pall membrane units are considered as replacement.'

On October 31, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 7, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 14, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 21, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 3, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 6, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 16, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 20, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 26, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

The aforementioned reconnaissance inspections completed as part of Croton Falls Lift Station Activation Protocol.

SPDES Permit Exceedance(s)

On July 11, 2019, a DEP laboratory sample indicated an exceedance of Phosphorus with a sample result of 0.326 mg/L, exceeding the SPDES parameter limit of 0.2 mg/L. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process. Given the isolated nature of this reading, no enforcement is necessary.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2020

Facility: Clear Pool Camp

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

Comments

None.

Inspections

On August 14, 2019, 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: 'The building has a lot of yard maintenance equipment (riding mowers, tillers etc.) stored in it. There are lots of garden hoses and other tripping hazards throughout the facility. The area could be cleaned up and organized a litter better with a clear walking path to the treatment components.'

Item: 'E1. Disinfection' received a rating of Marginal with comments: 'UV "B" is not working and is dismantled. This is the only back up unit. It needs a few parts, including a sensor, to make it operational again. The operator will investigate if the parts are still available for the Trojan 8000 unit. UV "A" is showing an intensity of 100% with 2485 running hours.'

On November 21, 2019, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'E1. Disinfection' received a rating of Marginal with comments: 'New lamps, sleeves and sensor was installed on the "A" unit. Showed 100% for the last reading. The "B" unit is still not working however the parts were ordered since the last inspection. The parts will be installed ASAP.'

SPDES Permit Exceedance(s)

On August 1, 2019, a DEP laboratory sample indicated an exceedance of pH with a sample result of 4.35 S.U., below the SPDES parameter minimum of 6.5 S.U. Plant readings show effluent pH results on the date in question in 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.

On September 12, 2019, a DEP laboratory sample indicated an exceedance of pH with a sample result of 4.90 S.U., below the SPDES parameter minimum of 6.5 S.U. Plant readings show effluent pH results on the date in question in 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.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2020

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 July 24, 2019, 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: 'No heat in building. Grass needs to be cut. Roof of primary settling tank building is temporarily patched. Trees within facility security fence should be trimmed/cut down to eliminate debris in microfilter feed well. Main water service for treatment facility has been repaired.'

On October 21, 2019, 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: 'No heat in building. Grass needs to be cut. Roof of primary settling tank building is temporarily patched. Trees within facility security fence should be trimmed/cut down to eliminate debris in microfilter feed well. Main water service for treatment facility has been repaired.'

Item: 'A2. Flow Metering' received a rating of Unsatisfactory with comments: 'Effluent flow meter last calibrated in 2009. Totalizer reading = 60397673. Can't properly read effluent flow. Backwash from effluent tank returns 2-3K gallons back through process.'

Item: 'E1. Disinfection U/V' received a rating of Marginal with comments: 'UV 810 - 1.2 mW/cm2, 16,705 hours. UV 820 - 0.3 mW/cm2, 16,582 hours. UV bank 830 offline due to a blown circuit board. Should replace ASAP. All lamps and sleeves should be replaced.'

On October 31, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 7, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 14, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 21, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 3, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 6, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 16, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 20, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 26, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

The aforementioned reconnaissance inspections completed as part of Croton Falls Lift Station Activation Protocol.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2020

Facility: Kent Manor Condominiums

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

Comments

None.

Inspections

On September 24, 2019, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 31, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 7, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 14, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 21, 2019, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 3, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 6, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 16, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 20, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 26, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

The aforementioned reconnaissance inspections completed as part of Croton Falls Lift Station Activation Protocol.

SPDES Permit Exceedance(s)

On July 2, 2019, a DEP laboratory sample indicated an exceedance of Phosphorus with a sample result of 0.132 mg/L, exceeding the SPDES parameter limit of 0.05 mg/L. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process.

On July 2, 2019, a DEP laboratory sample indicated an exceedance of Chlorine - Effluent with a sample result of <0.80 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.

On October 16, 2019, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 5.20 mg/L, exceeding the SPDES parameter limit of 2.2 mg/L. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the treatment process.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2020

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 24, 2019, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 31, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 7, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 14, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 21, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 24, 2019, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

The aforementioned reconnaissance inspections completed as part of Cross River Lift Station Activation Protocol.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2020

Facility: Mahopac (NYCDEP)

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

Comments

None.

Inspections

On August 13, 2019, 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: 'Concrete from ceiling in Digester pump room is falling from ceiling. This is a safety hazard and should be addressed ASAP.'

Item: 'B5. Disposal of Grit/Screenings' received a rating of Marginal with comments: 'Original grit and grease removal pumps and equipment is broken and obsolete, replacement parts not available, hauling trucks used for removal.'

Item: 'F3. Sludge Dewatering' received a rating of Marginal with comments: 'belt filter press unit is off line.'

On October 29, 2019, 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: 'Concrete from ceiling in Digester pump room is falling from ceiling. This is a safety hazard and should be addressed ASAP.'

Item: 'B5. Disposal of Grit/Screenings' received a rating of Marginal with comments: 'Original grit and grease removal pumps and equipment is broken and obsolete, replacement parts not available, hauling trucks used for removal.'

Item: 'F3. Sludge Dewatering' received a rating of Marginal with comments: 'belt filter press unit is off line.'

On October 31, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 7, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 14, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 21, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 3, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 6, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 16, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 20, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On December 26, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

The aforementioned reconnaissance inspections completed as part of Croton Falls Lift Station Activation Protocol.

SPDES Permit Exceedance(s)

On July 31, 2019, a DMR monitoring result indicated a violation of TEMP with a sample result of 75 °F, exceeding the SPDES limit of 70 °F. A Report of Noncompliance Event was filed with DEC/DEP. The violation was caused by high ambient temperatures. No long term corrective action is planned.

On August 31, 2019, a DMR monitoring result indicated a violation of TEMP with a sample result of 73 °F, exceeding the SPDES limit of 70 °F. A Report of Noncompliance Event was filed with DEC/DEP. The violation was caused by high ambient temperatures. No long term corrective action is planned.

NYCDEP WWTP Inspection Program
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Facility: Mahopac (NYCDEP) (continued)

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 2020

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 18, 2019, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 7, 2019, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 31, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 7, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 14, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 21, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

The aforementioned reconnaissance inspections completed as part of Cross River Lift Station Activation Protocol.

SPDES Permit Exceedance(s)

On July 31, 2019, a DMR monitoring result indicated a violation of NH3 SUMMER DAILY MAX with a sample result of 5.8 mg/l, exceeding the SPDES limit of 2.0 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

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2020

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 9, 2019, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 31, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 7, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 14, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 18, 2019, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 21, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

The aforementioned reconnaissance inspections completed as part of Cross River Lift Station Activation Protocol.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2020

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 2019 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 2020

Facility: Waccabuc Country Club

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

Comments

None.

Inspections

On August 7, 2019, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 31, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 7, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

On November 14, 2019, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 21, 2019, staff performed a Reconnaissance Inspection of the facility. Operation and maintenance appear satisfactory.

The aforementioned reconnaissance inspections completed as part of Cross River Lift Station Activation Protocol.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
March 2020

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 2019 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.