

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

**Wastewater Treatment Plant Compliance Inspection Reports
Summary – 3rd and 4th quarter 2021**

March 2022

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



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Division of Watershed Protection Programs

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
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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 2021. 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

None.

Inspections

On August 24, 2021 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: 'The total flow for yesterday was 0.116 MGD. 75 GPM flow at the time of the inspection. They still have I&I issues and some high daily flows but have not exceeded the SPDES permitted flow in a year. The SPDES flow limit is a monthly average. '.

On December 3, 2021 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: 'The total flow for yesterday was 0.042 MGD. 144 GPM flow at the time of the inspection. They still have I&I issues and some high daily flows but have not exceeded the SPDES permitted flow in over a year. The SPDES flow limit is a monthly average.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

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Facility: Ashland

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

Comments

None.

Inspections

On July 28, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 26, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On September 15, 2021 a DEP sample indicated an exceedance of pH with a sample result of 5.95 SU, exceeding the SPDES parameter limit of 6 SU. pH typically runs low after MF startup and then stabilizes.

On October 14, 2021 a DEP sample indicated an exceedance of pH with a sample result of 5.62 SU, exceeding the SPDES parameter limit of 6 SU. pH typically runs low after MF startup and then stabilizes.

On December 31, 2021 DMR indicated a violation of PH MIN with a sample result of 5.4 SU exceeding the SPDES limit of 6 SU. pH typically runs low after MF startup and then stabilizes.

Enforcements

None.

Miscellaneous

None.

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Facility: Boiceville

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

Inspections

On September 9, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 3, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On October 6, 2021 RCI staff took Lamont Engineers to Mountainside Farms for a tour of an MBR system. They are designing an MBR system for the proposed Town of Shokan WWTP.

On October 15, 2021 DEP met with Lamont Engineers to visit the proposed new site of the Town of Shokan WWTP.

The proposed property is two parcels with a total area of six acres. It is located by the entrance to the Grant Avery - Shokan Park on Bostock road.

On October 20, 2021 RCI staff performed a Follow-up Inspection of the facility. Met the new operator at the WWTP. This was a follow up to look at the post aeration tank that is going to be modified and used as the new pump station to interconnect the wastewater from the Town of Boiceville to the proposed new Shokan WWTP. The tank is 5 foot wide by 12 foot long and is 13 feet deep. The loading dock will be modified to hold the new two-stage pumps which by code need to be accessed outside of the building along with the pump station due to combustible gases.

The existing influent pump station will remain and the discharge will go the post air tank or can be diverted to both SBR tanks with diffusers as EQ tanks. The post SBR tank and the two digesters can be used for emergency storage as well.

On December 1, 2021 RCI staff was copied on an email sent to the town supervisor from the chief operator stating:

"We want to inform you that we have observed the Main Pump Station Pumps at Boiceville WWTP pumping at a rate less than they're design output. We plan to have Siewert Equipment troubleshoot this issue. We want Siewert to check the pumps, check valves, and air reliefs for the two pumps. We also plan to have Siewert replace the pump that is pumping the least with a spare that we have at the plant for comparison purposes."

Comments

Siewert company came in on 2/11/22 to check the influent pumps and conducted O&M on the pumps. They cleaned the units, changed the oil and inspected them. They feel both pumps are in good working condition and there is no reason they should be operating at a reduced flow. They reinstalled both pumps. The pit-less adapter on the spare pump needs to be modified to fit correctly.

There is a chance the signal to the chart recorder is not adjusted correctly and is showing an incorrect flow rate. The operators are going to have the calibration company come out and check the signal.

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Facility: Chichester (NYCDEP)

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

Comments

None.

Inspections

On September 14, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 23, 2021 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: Delhi

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

Comments

None.

Inspections

On July 7, 2021 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, sewer specialties was working on system in spring 2021. Village working with industries to address feed issues when they occur. Lines jetted as needed. Plant operators working on utilizing old tankage to capture these intermittent problematic flows. Pre-treatment system at Saputo completed, startup chemical issues being worked out, they are trying a new coagulant specific for dairy waste, operator is optimistic. This is encouraging as Saputo is the main industrial feed issue now.'

Item: 'B1.Bar Screen (Mechanical)' received a rating of Marginal with comments: 'Auger Monster almost dead, plans in place for replacement and muffin monster working well. '.

On November 4, 2021 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, sewer specialties was working on system in spring 2021. Village working with industries to address feed issues when they occur. Lines jetted as needed. Plant operators working on utilizing old tankage to capture these intermittent problematic flows. Pre-treatment system at Saputo completed and working well now after startup issues. High feed temperatures still an issue.'

Item: 'B1.Bar Screen (Mechanical)' received a rating of Marginal with comments: 'Auger Monster almost dead, plans in place for replacement in 2022 and muffin monster working well. '.

SPDES Permit Exceedance(s)

On July 31, 2021 DMR indicated a violation of TEMP with a sample result of 80 Deg F exceeding the SPDES limit of 70 Deg F. High ambient temperatures and high industry feed temperatures causing the problem, operator does not see deleterious effect on receiving water.

On July 31, 2021 DMR indicated a violation of CBOD5 % RMVD with a sample result of 65 % exceeding the SPDES limit of 85 %. Lower than usual feed loading so this is really not a water quality issue.

On July 31, 2021 DMR indicated a violation of TIME TURBIDITY with a sample result of 2167 Minutes exceeding the SPDES limit of 2160 Minutes. operator has been in close contact with Saputo and has been testing Saputo feed. Operator feels Saputo has made substantial improvements in its pre-treatment processes and does not foresee frequent issues in future.

On August 31, 2021 DMR indicated a violation of CBOD5 % RMVD with a sample result of 78 % exceeding the SPDES limit of 85 %. Lower than usual feed loading so this is really not a water quality issue. Also, no CBOD concentration violation.

On August 31, 2021 DMR indicated a violation of TEMP with a sample result of 82 Deg F exceeding the SPDES limit of 70 Deg F. High ambient temperatures and high industry feed temperatures causing the problem, operator does not see deleterious effect on receiving water.

On September 15, 2021 a DEP sample indicated an exceedance of Chlorine - Effluent with a sample result of 0.04 mg/L, exceeding the SPDES parameter limit of 0.032 mg/L. Very minor exceedance of 0.04 mg/l. It is difficult to accurately measure chlorine at such low levels.

On September 15, 2021 a DEP sample indicated an exceedance of Temperature with a sample result of 79.34 °F, exceeding the SPDES parameter limit of 70 °F. Higher than normal ambient temperatures and high temperature industrial feed causing this issue.

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On September 30, 2021 DMR indicated a violation of TEMP with a sample result of 80 Deg F exceeding the SPDES limit of 70 Deg F. Higher than normal ambient temperatures and high temperature industrial feed causing this issue.

On October 19, 2021 a DEP sample indicated an exceedance of Chlorine - Effluent with a sample result of <0.04 mg/L, exceeding the SPDES parameter limit of 0.032 mg/L. Very minor exceedance. It is difficult to accurately measure chlorine at such low levels.

On October 20, 2021 a DEP sample indicated an exceedance of Temperature with a sample result of 72.68 °F, exceeding the SPDES parameter limit of 70 °F. Higher than normal ambient temperatures and high temperature industrial feed causing this issue.

On October 31, 2021 DMR indicated a violation of TEMP with a sample result of 76 Deg F exceeding the SPDES limit of 70 Deg F. Higher than normal ambient temperatures and high temperature industrial feed causing this issue.

On November 23, 2021 a DEP sample indicated an exceedance of Chlorine - Effluent with a sample result of <0.04 mg/l, exceeding the SPDES parameter limit of 0.032 mg/L. Very minor exceedance. It is difficult to accurately measure chlorine at such low levels.

On November 30, 2021 DMR indicated a violation of TEMP with a sample result of 70 Deg F exceeding the SPDES limit of 70 Deg F. Higher than normal ambient temperatures and high temperature industrial feed causing this issue.

On December 8, 2021 a DEP sample indicated an exceedance of Chlorine - Effluent with a sample result of <0.04 mg/L, exceeding the SPDES parameter limit of 0.032 mg/L. Minor violation and chlorine is very difficult to measure at such low levels.

On December 31, 2021 DMR indicated a violation of CBOD5 % RMVD with a sample result of 84.6 % exceeding the SPDES limit of 85 %. Diluted with I&I, feed CBOD low thus low removal rate, not a water quality issue.

Enforcements

On August 31, 2021 DEC issued a Consent Order to Delhi WWTP related to chronic exceedances.

Miscellaneous

On July 7, 2021 RCI staff received a draft copy of DEC issued consent order.

On August 19, 2021 RCI staff contacted operator regarding impending hurricane and status of industrial feeds.

Appears Delhi paid 1st half of 22K fine. This facility still having operational issues following CO.

On December 14, 2021 RCI staff received a plan for industrial flow containment system as required by the DEC Consent Order.

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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

There was a faulty actuator valve on the # 1 MF unit that was causing a false pressure decay test result after the membrane replacements. They rebuilt the unit and recent results are within range. Both units are working well now.

Inspections

On September 16, 2021 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below: Item: 'D6. Micro Filtration' received a rating of Unsatisfactory with comments: 'During the last PM on the microfiltration units the technician conducted pressure decay tests and both units failed. They lost pressure almost immediately. He stated there are too many leaks on all of the modules to make any repairs. He suggested they replace the membranes because they are not providing reliable treatment. They obtained a price quote to replace all of the membranes and seals. The Town approved the purchase as well as the DEP and they are on order. They will be installed ASAP. '.

On October 27, 2021 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below: Item: 'D6. Micro Filtration' received a rating of Unsatisfactory with comments: 'During the last PM on the microfiltration units the technician conducted pressure decay tests and both units failed. They lost pressure almost immediately. He stated there are too many leaks on all of the modules to make any repairs. He suggested they replace the membranes because they are not providing reliable treatment. They obtained a price quote to replace all of the membranes and seals. The Town approved the purchase as well as the DEP and they are on order. They will be installed ASAP. Operators rebuilt the #2 feed pump. '.

On November 30, 2021 RCI staff performed a Follow-up Inspection of the facility. RCI called the facility to get a follow up on the MF membrane replacement. They changed the membranes out and are working on a few other issues with pressure sensors and valves. The pressure decay tests after the replacement were still not adequate.

SPDES Permit Exceedance(s)

On August 31, 2021 DMR indicated a violation of TEMP with a sample result of 71.6 Deg F exceeding the SPDES limit of 70 Deg F.

Enforcements

None.

Miscellaneous

None.

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Facility: Elka Park Association

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

Comments

None.

Inspections

On July 20, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 5, 2021 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: Fleischmanns

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

Comments

None.

Inspections

On July 9, 2021 RCI staff performed a Reconnaissance Inspection of the facility to discuss recent CBOD issue.

On July 27, 2021 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 now in town. Rag loading significantly increased now. Pumps need cleaning constantly. Engineer still working on plan with operator to deal with the rags. Larger feed pumps also being looked at. Lift station on lake street completely filled with rags, operator had it pumped before any significant overflow, suggested operator consider checking these smaller private lift stations in summer.'

On November 4, 2021 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 now in town. Rag loading significantly increased now. Pumps need cleaning constantly. Engineer still working on plan with operator to deal with the rags. Larger feed pumps also being looked at. Lift station on lake street completely filled with rags, operator had it pumped before any significant overflow, suggested operator consider checking these smaller private lift stations in summer.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On July 10, 2021 RCI staff received a letter of NOCA (notice of completed application) for bridge collection system work in village.

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Facility: Friesland Campina - DOMO (Cooling Water)

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

Comments

None.

Inspections

On December 14, 2021 RCI staff performed a Semi-Annual Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

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Facility: Grahamsville (NYCDEP)

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

Comments

None.

Inspections

On August 31, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 2, 2021 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: Grand Gorge (NYCDEP)

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

Comments

None.

Inspections

On September 21, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 23, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On October 5, 2021 a DEP sample indicated an exceedance of Phosphorus with a sample result of 0.249 mg/L, exceeding the SPDES parameter limit of 0.2 mg/L. This parameter is a monthly average per SPDES Permit. Once averaged out with other samples, this was not a permit violation.

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 27, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 27, 2021 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: Hobart

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

Comments

None.

Inspections

On July 6, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 7, 2021 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: Hunter

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

Comments

None.

Inspections

On August 26, 2021 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: 'The influent has many wet wipes which have been binding the impellers of the pumps causing damage. The wet well has three pumps. One pump was totally destroyed and a new one is on order. One of two remaining pumps got bound up with wipes and stopped working just prior to the last hurricane. The operators rented a portable trailer unit to have on hand for the storm.

They had no issues or overflows due to the reduced severity of the storm. They were able to open up the access port and clean out the rags from the clogged pump. It is working fine now. The rental unit was being removed at the time of the inspection.

The operators are very concerned about the future of the pumps and the reliability of the pump station with the present design and the condition of the remaining pumps. They feel there needs to be some modifications made to address the continuous wipe clogging problem.'

On December 8, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None

Enforcements

None.

Miscellaneous

On October 28, 2021 a Report of Noncompliance Event was filed with DEC/DEP, for an event occurring on 10/28/21. Spoke with Hunter WWTP. The location of the manhole that overflowed was the one that is in the old Lift Side parking lot. The lowest manhole on the collection system just prior to the pump station. The low level float was the one that shorted out causing the controls to think the pump station was empty. The controls shut down both pumps to prevent them from burning out. The operators immediately received a high level alarm via dial up call. The manhole overflowed for the time period needed to respond, replace and/or bypass the float and reset the controls. They have a new float being delivered and installed today. Operator will send me an RNCE today. The NY alert form only has power outage – equipment failure as a combined entry, however there was no power outage associated with this incident.

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Facility: Kraft Dairy (Cooling Water)

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

Comments

None.

Inspections

On November 9, 2021 RCI staff performed a Semi-Annual 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 2022

Facility: L'man Achai (Camp)

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

Comments

None.

Inspections

On August 16, 2021 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: 'Orenco valves installed and operational. Normal operations, both beds not fully weeded (1 partial, 1 no weeding at all). Proper weeding is necessary to ensure proper sand filter operation. This must be done annually to ensure that the DEP funded microfilters downstream do not get damaged. This function is the responsibility of the plant owner as per the plant operator. Proper plant functioning depends on proper plant maintenance. Microfilter damage caused by sand filter problems may not be funded by DEP. '

Item: 'D4. Micro filter' received a rating of Marginal with comments: ' Microfilter displays hard to read, probably need replacement. Full service by PALL and a CIP 6/2020. 1 unit down, needs VFD, other parts also on order, PALL will do repairs when all parts are in. '.

On November 9, 2021 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: 'Orenco valves installed and operational. Normal operations, both beds not fully weeded (1 partial, 1 no weeding at all). Proper weeding is necessary to ensure proper sand filter operation. This must be done annually to ensure that the DEP funded microfilters downstream do not get damaged. This function is the responsibility of the plant owner as per the plant operator. Proper plant functioning depends on proper plant maintenance. Microfilter damage caused by sand filter problems may not be funded by DEP. '

Item: 'D4. Micro filter' received a rating of Marginal with comments: ' Microfilter displays hard to read, probably need replacement. Full service by PALL and a CIP 6/2020. 1 unit down, needs VFD, other parts also on order, PALL will do repairs when all parts are in. '.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Machne Tashbar (Camp)

Basin	SPDES	Inspected	Seasonal	Report Sent to Owner
Schoharie	NY0263061	Yes	Yes	Yes

Comments

None.

Inspections

On July 15, 2021 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: 'Main season operating report. Grounds have dumpster, pallets and garbage blocking loading dock. Building acceptable. Facility is in good overall condition. Licenses and permits posted but need to be updated. Plant online for the season and discharging. Facility is supposed checked weekly by Hunter Environmental during off season, however heat did fail over the winter resulting in burst pipes. Strongly suggest call out system be enabled to call out for building low temperature alarm. Freezing can negatively affect the City funded CBUD system so it is critical that the heating system in the building be fully functional. Sump pump in CBUD area spraying when it runs, needs attention.'

Item: 'A4. Stand by power' received a rating of Marginal with comments: 'Unit needs to be serviced (should be done once annually at a minimum) last service date unknown, batteries replaced as needed. 768.8 hours, Unit runs automatically 1x/week. Propane fuel refilled automatically by supplier. No alarm conditions noted. Small leak at heater noted, heaters on.'

Item: 'A10.Laboratory' received a rating of Marginal with comments: 'Some expired reagents noted, operator said he would replace, otherwise acceptable.'

Item: 'C2. SCADA and telemetry' received a rating of Marginal with comments: 'dedicated phone line for alarms working. SCADA system uses a windows XP operating system which is no longer being updated by Microsoft and is vulnerable to attack. Strongly suggest the system be upgraded to Windows 10.'

On September 28, 2021 RCI staff performed a Reconnaissance Inspection of the facility. No issues noted.

On November 23, 2021 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A4. Stand by power' received a rating of Marginal with comments: 'Unit needs to be serviced (should be done once annually at a minimum) last service date unknown, batteries replaced as needed. 786 hours, Unit runs automatically 1x/week. Propane fuel refilled automatically by supplier. No alarm conditions noted. Small leak at heater noted, heaters on.'

Item: 'A10.Laboratory' received a rating of Marginal with comments: 'OK'

Item: 'C2. SCADA and telemetry' received a rating of Marginal with comments: 'dedicated phone line for alarms working. SCADA system uses a windows XP operating system which is no longer being updated by Microsoft and is vulnerable to attack. Strongly suggest the system be upgraded to Windows 10.'

SPDES Permit Exceedance(s)

On August 31, 2021 DMR indicated a violation of TEMP with a sample result of 71.6 Deg F exceeding the SPDES limit of 70 Deg F. High ambient temperatures plus the fact that the entire process train is in an enclosed building exacerbates effluent temperature issues.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Margaretville (NYCDEP)

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

Comments

None.

Inspections

On September 30, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 22, 2021 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
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Mountain View Estates

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

Comments

None.

Inspections

On July 13, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 26, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On September 22, 2021 a DEP sample indicated an exceedance of pH with a sample result of 4.00 SU, exceeding the SPDES parameter limit of 6.5 SU. Spoke to operator and he has no idea how this happened. It is anomalous since there is no history of this type of pH issue here. Follow up pH check showed normal pH and no chemical feed problems were noted at the plant.

On September 22, 2021 a DEP sample indicated an exceedance of Ammonia with a sample result of 8.49 mg/L, exceeding the SPDES parameter limit of 2.2 mg/L. Discussed with operator, seems to be anomalous and possibly related to the odd pH numbers, we'll watch for re-occurrence.

Enforcements

On September 28, 2021 RCI staff delivered a Verbal Warning for a DEP Exceedance occurring on 9/22/21. A pH of 4 was measured and after a lengthy discussion with the operator, no apparent cause of the low pH could be determined. Subsequent plant operator pH readings showed a 6.9 (normal). DEP staff instructed plant operator to keep a closer eye on effluent pH and process after long periods of no discharge.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Mountainside Farms Inc.

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

Inspections

On July 21, 2021 RCI staff performed a Follow-up Inspection of the facility. There was an overflow reported to the DEC in June. The overflow was from the pump station located at the back of the dairy building. The DEC reached out to RCI last week about it.

The summary from my inspection is as follows and the email response to the DEC is attached. The facility needs to get the flow meter calibrated and lower the high-level alarm ASAP. Some future improvements would be to install higher capacity pumps when they need to replace them, get a dial-up alarm and try to run the generator. Maintenance person stated they may be looking into backup power for the dairy, so at that time it would be required to have it for the pump station.

On July 21, 2021 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'B1. Influent Pump Station' received a rating of Marginal with comments: 'The pump station and influent flow meter is located behind the dairy plant and is maintained by the dairy facility not the WWTP operators. The outside of the building has newer siding and the tank itself is in good condition. The components are old but look well maintained.

There is an Equalization Tank attached to the building that feeds into the pump station. The pump station has a high level float switch attached to the bottom of the grate that covers the tank. The problem is that when it registers a high level it is at the top of the tank and there is virtually little to no capacity to hold any more influent. I mentioned they need install a new one or lower the existing one. They do not have a dial-up alarm either it just rings inside the dairy building and they respond. There is 24/7 coverage except one night shift on the weekend which would be an issue except they are not manufacturing on that shift.

The flow meter that they use to report influent flow to the WWTP has not been calibrated in years. There is a large difference in the flow numbers between the influent and effluent of the WWTP. The effluent is always higher than the influent. The SPDES permit requires influent to be reported so the meter needs to be calibrated.

They also feed steam from the boilers to the pump station to keep the FOG in suspension to avoid clogging the force main. They started this a few years ago after some overflows. This works well but also adds to the volume of flow and most likely raises the temperature. Another source of high flow is the catch basins that are located where the trucks are filled with dairy product. They are connected to the pump station in case there is a spill or overflow it will be sent to the WWTP to be treated. The problem is when it rains, storm water is diverted to the WWTP as well.

There are two pumps that run at the same time to keep up with the flow so technically there is no backup unit.

On October 6, 2021 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'B1. Influent Pump Station' received a rating of Marginal with comments: 'The pump station and influent flow meter is located behind the dairy plant and is maintained by the dairy facility not the WWTP operators. The totalizer showed 67,080,604.

The flow meter was recently calibrated on 8/26/21 by Emerson Controls.

The high level float switch is attached to the bottom of the grate that covers the tank and should be lowered to increase the response time to avoid any overflows.

They were feeding steam from the boilers to the pump station to keep the FOG in suspension which prevents the force main from clogging.

Some future improvements would be to install higher capacity pumps when they need to replace them and get a dial-up alarm.

Comments

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

The facility has a request into the DEC for a SPDES modification for flow. From the application, they requested an increase from 51,000 to 64,000 gpd average daily flow and an increase from 64,000 to 78,000 gpd daily maximum.

SPDES Permit Exceedance(s)

On July 31, 2021 DMR indicated a violation of FLOW INFL DAILY AVG with a sample result of 0.056214 MGD exceeding the SPDES limit of 0.051 MGD.

On July 31, 2021 DMR indicated a violation of FLOW INFL DAILY MAX with a sample result of 0.07353 MGD exceeding the SPDES limit of 0.064 MGD.

On August 31, 2021 DMR indicated a violation of FLOW INFL DAILY MAX with a sample result of 0.07323 MGD exceeding the SPDES limit of 0.064 MGD.

On August 31, 2021 DMR indicated a violation of FLOW INFL DAILY AVG with a sample result of 0.054117 MGD exceeding the SPDES limit of 0.051 MGD.

On September 30, 2021 DMR indicated a violation of FLOW INFL DAILY AVG with a sample result of 0.054204 MGD exceeding the SPDES limit of 0.051 MGD.

On September 30, 2021 DMR indicated a violation of FLOW INFL DAILY MAX with a sample result of 0.08347 MGD exceeding the SPDES limit of 0.064 MGD.

On October 31, 2021 DMR indicated a violation of FLOW INFL DAILY AVG with a sample result of 0.053751 MGD exceeding the SPDES limit of 0.051 MGD.

On October 31, 2021 DMR indicated a violation of FLOW INFL DAILY MAX with a sample result of 0.0742 MGD exceeding the SPDES limit of 0.064 MGD.

On November 30, 2021 DMR indicated a violation of FLOW INFL DAILY MAX with a sample result of 0.06787 MGD exceeding the SPDES limit of 0.064 MGD.

Enforcements

On November 3, 2021, DEC issued an NOV to Mountainside Farms Dairy (Dairy Facility) for the pump station overflow that occurred on June 3rd. The owners have until January 30, 2022 to respond to the spill and the condition of the pump station and any repairs and /or modifications needed.

Miscellaneous

On July 14, 2021 RCI staff were notified by DEC of a pump station overflow that happened on June 3rd, 2021. DEP and DEC to inspect and communicate items in need of attention or operational adjustments to prevent future events.

DEP will request alarm float to be lowered, use of an auxiliary tank, and calibration of flow meter in coordination with DEC.

On July 27, 2021 DEP initiated an Enforcement Action for monthly agenda.

On August 5, 2021 RCI staff emailed DEC with summary of recent inspection and issues that need attention, especially calibration of flow meter and lowering of high-level alarm. Other suggesting improvements were also noted.

DEP follow up - MF did follow up. Meters were calibrated. Alarm float still needs to be lowered. Andy chief Operator will keep an eye on discrepancy between two numbers now that meters are calibrated. Big EQ prior to pump station. Take off this list since not wastewater just dairy.

On September 21, 2021 DEP has resolved the Enforcement Action.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
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On October 6, 2021 RCI staff took Lamont Engineers to Mountainside Farms for a tour of an MBR system. They are designing an MBR system for the proposed Shokan WWTP.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Oh-Neh-Tah (Camp)

Basin	SPDES	Inspected	Seasonal	Report Sent to Owner
Schoharie	NY0205460	Yes	Yes	Yes

Comments

None.

Inspections

On August 26, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 24, 2021 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
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Olive Woods LLC. (Woodstock Percussion)

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

Comments

None.

Inspections

On September 30, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 3, 2021 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
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Oorah Catskill Retreat

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

Comments

None.

Inspections

On September 9, 2021 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below: Item: 'B1. Pump Station' received a rating of Unsatisfactory with comments: 'The pump station dial-up alarm does not have a phone connected to it so it will not call out in an emergency. They need to install one ASAP.'

One of the actuators in the valve pit at the pump station is not working. The operator turned the power off to the controller when the valve was closed at the last inspection.

There are two actuators which divert the flow to either the WWTP or the subsurface system. That is either the Winter or Summer mode. They are going to keep the valves as manual only to ensure that the correct system is being used and that there is no malfunction and/or bypass to the other system. '

Item: 'D1. Recirculation Tank' received a rating of Unsatisfactory with comments: 'The # 2 recirculation pump is damaged and they have a new one on order. The new pump cost \$2,600.00 and to replace just the impeller was \$ 2,700.00. There are two pumps, so they do not have redundancy at this point. '.

On October 6, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On July 31, 2021 DMR indicated a violation of TDS with a sample result of 540 mg/l exceeding the SPDES limit of 500 mg/l.

On August 31, 2021 DMR indicated a violation of TDS with a sample result of 540 mg/l exceeding the SPDES limit of 500 mg/l.

Enforcements

None.

Miscellaneous

The TDS violations are better described as sample values above a monitoring action level on the SPDES Permit. The sample values and their frequencies did not trigger Permit required increase in testing.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Pine Hill (NYCDEP)

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

Comments

None.

Inspections

On September 28, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 3, 2021 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
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Prattsville

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

Comments

None.

Inspections

On September 27, 2021 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'B2. Comminutor' received a rating of Marginal with comments: 'Comminutor stopped working and a new one is on order. '.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On October 20, 2021 a Report of Noncompliance Event was filed with DEC/DEP, for an event(s) occurring on 10/20/21. the following was from an email from the Chief Operator.

"The Prattsville Collection System had a blockage this evening. The blockage was discovered tonight when sewage started to leak out of a manhole. We immediately took action by bypassing the blockage (via pumping the overflowed manhole to a downstream manhole). We estimated that 150 gallons of sewage leaked out of the manhole before we were able to respond. A NY Alert message has been submitted through the everbridge website, along with calls to Prattsville's NYCDEP inspector and NYSDEC inspector. Please contact me with any questions you may have about the spill".

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Richardson Hill Road Landfill

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

Comments

None.

Inspections

On December 2, 2021 RCI staff performed a Semi-Annual Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Robert W. Harold Campus (BOCES)

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

Comments

None.

Inspections

On August 23, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 7, 2021 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
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Roxbury Lift Station

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

Comments

None.

Inspections

On August 2, 2021 RCI staff performed a Reconnaissance Inspection of the facility. Generator OK, 488 hrs, serviced 07/2021, EQ tank cleaned and to be tested, pumps OK, 2nd stage, both units to be rebuilt.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Saputo Foods USA LLC (Cooling Water)

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

Comments

None.

Inspections

On December 14, 2021 RCI staff performed a Semi-Annual Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

No updates, all is quiet.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Stamford

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

Comments

None.

Inspections

On July 6, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 14, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On October 31, 2021 DMR indicated a violation of CBOD5 % RMVD with a sample result of 80 % exceeding the SPDES limit of 85 %. Collection system I&I results in very dilute influent making 85% removal impossible. No CBOD concentration violation noted.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Tannersville (NYCDEP)

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

Comments

None.

Inspections

On September 14, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 18, 2021 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
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Timber Lake (Camp)

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

Comments

None.

Inspections

On August 20, 2021 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'D8. Microfiltration' received a rating of Marginal with comments: 'The MF units are old and replacement membranes are not available as well as some of the other parts. These units are high pressure ones and will need to be replaced soon. The operator has looked into converting them to low pressure units and may be able to do it in-house during the off season. He has been in contact with the DEP Capital Replacement group and should continue to present the required specs, cost and timeline for the project.'

A new desk top computer was purchased and is installed last year which runs the SCDA system. New VFD's were installed. The cooling fans in the old VFD's were faulty which was causing the feed pumps to trip. The pumps work fine now. The operator plans to use the existing compressors, feed pumps and the structural framework along with many other parts. The backwash break tank will be used as the CIP feed tank. '

On October 13, 2021 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'D8. Microfiltration' received a rating of Marginal with comments: 'The MF units are old and replacement membranes are not available as well as some of the other parts. These units are high pressure ones and will need to be replaced soon. The operator has looked into converting them to low pressure units and may be able to do it in-house during the off season. He has been in contact with the DEP Capitol Replacement group and should continue to present the required specs, cost and timeline for the project. '

SPDES Permit Exceedance(s)

On August 31, 2021 DMR indicated a violation of TEMP with a sample result of 71.6 Deg F exceeding the SPDES limit of 70 Deg F.

Enforcements

None.

Miscellaneous

On December 8, 2021 RCI staff reviewed the SPDES permit request for modification. The facility wants to extend the permit time period by two months. They are requesting to start one month early (May 1st) and end one month later (November 1st).

The DEP replied to the DEC with the provided NAR report along with a response letter and two data reports. The DEP has no reason to deny the request.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Trailside at Hunter LLC (Hunter Highlands)

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

Comments

DEC is expected to issue a consent order or notice of violation for the long outstanding unsatisfactory inspection items and plant performance. DEP working with DEP to make sure all items are addressed in the enforcement action.

Inspections

On September 16, 2021 RCI staff performed a Reconnaissance Inspection of the facility. Noted that lagoon (which feeds CBUDSF filters) is completely covered with algae. This will negatively affect the filters and likely cause compliance issues. Notified operator.

On September 16, 2021 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: 'HVAC in CBUD building failed and caused a burst pipe on 2/14/21, pipe still not repaired. Buildings in overall operable condition but original building showing wear, concrete stairs leading into CBUD building need to be fixed. Chief operator Ryan New, daily operators Sean Murphy and Edward Delcotto.'

Item: 'A3. Safety' received a rating of Unsatisfactory with comments: 'Eyewash station still needs to be fixed (damaged 02/14/21). Discussed interim safety options and importance of operable eyewash station in chemical storage room. Safety signage in place.'

Item: 'A5. Alarm Systems' received a rating of Unsatisfactory with comments: 'Cold temperature call out system to be installed in CBUD building as part of SCADA upgrade. High tank levels, CL2, building temperature, flow, compressors, UPS power supplies alarmed to existing SCADA system which are controlled via HMI panel only. Discussed data storage through HMI panel. Phone lines and data service not operational due to non-payment of Spectrum bill. This prevents required alarm call out capability and SCADA upgrade.'

Item: 'A7. Influent Impact on operations' received a rating of Marginal with comments: 'Normal flows for off season. Status of collection system maintenance contract and cleaning schedule still unclear. Collection system service is an important component of wastewater system operation.'

Item: 'A10. SCADA and electronics' received a rating of Unsatisfactory with comments: 'Presently, SPDES required storage of turbidity data not being done and apparently has not been operational for an unknown period of time. Turbidity as measured at meter not being correctly displayed on HMI panel. SPDES required time turbidity measurements also unavailable due to this. This is a critical failure. High tank levels, CL2, building temperature, flow, compressors, UPS power supplies alarmed to existing SCADA system which will be controlled via HMI panel only. Phone lines and data service operational. Major SCADA upgrade planned. System must be built on a Windows 10 platform for security purposes. Low temperature alarms and integration of CL17 chorine meter with feedback loop tying in de-chlorination to be part of SCADA upgrade.'

Item: 'A11. Laboratory' received a rating of Marginal with comments: 'CBUD chlorine and effluent turbidity recording issues rectified. Lab stocked with all equipment functional per operator.'

Item: 'B2.Lagoon Pumps' received a rating of Marginal with comments: 'Main pump operational. Backup pump in pit needs repair. These are the main feed pumps for the CBUD units.'

Item: 'D2. Clarifiers' received a rating of Marginal with comments: 'Operational, still some high solids in effluent troughs that need removal, some solids were removed, indicates possible problems with clarifier operation.'

Item: 'D3. Blowers' received a rating of Marginal with comments: '1 blower still needs service (has a leak), but can operate - parts ordered.'

Item: 'D5. Compressor' received a rating of Marginal with comments: 'Air drier off - should be on, 1 side working well and serviced per operator, 1 side inoperable. The compressor is critical to CBUD filter operation. The unit is from the original plant upgrade and probably needs full replacement.'

Item: 'D7. CBUD Sand Filters' received a rating of Marginal with comments: 'System needs attention. 1st stage effluent from operating filter extremely cloudy (worst I've ever seen 25 years) indicating some sort of major malfunction, discussed remedies with operators. Pinch valves replaced with ball valves. Units need to be air lanced 1x/month during ski season to address periodic Giardia hits. At a minimum during non-ski season, first stage air lanced 4x/year, second stage 1-2x/year. Frequent air lancing improves system performance and maximizes pathogen removal which the day to day operators are doing.'

Item: 'D8.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

On December 16, 2021 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: 'HVAC in CBUD building failed and caused a burst pipe on 2/14/21, pipe still not repaired, HVAC operational. Buildings in overall operable condition but original building showing wear, concrete stairs leading into CBUD building need to be fixed. Chief operator Ryan New, daily operators Sean Murphy and Edward Delcotto. Les Coon is new regional manager.'

Item: 'A3. Safety' received a rating of Marginal with comments: 'Eyewash station still needs to be fixed (damaged 02/14/21). Temporary portable unit in place for now. Safety signage in place.'

Item: 'A5. Alarm Systems' received a rating of Unsatisfactory with comments: 'Cold temperature call out system to be installed in CBUD building as part of SCADA upgrade. High tank levels, CL2, building temperature, flow, compressors, UPS power supplies alarmed to existing SCADA system which are controlled via HMI panel only. Discussed data storage through HMI panel. Phone lines and data service not operational due to non-payment of Spectrum bill. This prevents required alarm call out capability and SCADA upgrade. Completely unacceptable.'

Item: 'A7. Influent Impact on operations' received a rating of Marginal with comments: 'Normal flows for winter season. Status of collection system maintenance contract and cleaning schedule still unclear. Collection system service is an important component of wastewater system operation.'

Item: 'A10. SCADA and electronics' received a rating of Unsatisfactory with comments: 'Presently, SPDES required storage of turbidity data not being done and apparently has not been operational for an unknown period of time. Turbidity as measured at meter not being correctly displayed on HMI panel. SPDES required time turbidity measurements also unavailable due to this. This is a critical failure. High tank levels, CL2, building temperature, flow, compressors, UPS power supplies alarmed to existing SCADA system which will be controlled via HMI panel only. Phone lines and data service operational. Major SCADA upgrade planned. System must be built on a Windows 10 platform for security purposes. Low temperature alarms and integration of CL17 chorine meter with feedback loop tying in de-chlorination to be part of SCADA upgrade. Completely unacceptable.'

Item: 'D2. Clarifiers' received a rating of Marginal with comments: 'Operational, still some high solids in effluent troughs that need removal, some solids were removed, indicates possible problems with clarifier operation.'

Item: 'D5. Compressor' received a rating of Marginal with comments: 'Air drier off - should be on, 1 side working well and serviced per operator, 1 side inoperable. The compressor is critical to CBUD filter operation. The unit is from the original plant upgrade and probably needs full replacement. Suggest operators and owner look into a new compressor which will be paid for by DEP since this is an integral component of the CBUD system.'

Item: 'D7. CBUD Sand Filters' received a rating of Unsatisfactory with comments: 'System needs a great deal of attention. 1st stage effluent cloudy, sand blockages need to be removed. Units need to be air lanced 1x/month during ski season to address periodic Giardia hits. At a minimum during non-ski season, first stage air lanced 4x/year, second stage 1-2x/year. Frequent air lancing improves system performance and maximizes pathogen removal which the day to day operators are doing. Unfortunately, it is unknown when the last air lance was done. Completely unacceptable.'

Item: 'D8. Turbidity Monitoring' received a rating of Unsatisfactory with comments: 'Meters calibrated 1/26/21. Influent meter reading 0.7 NTU which is above the 0.5 NTU preferred limit, but possibly within the 5% 0.5 NTU - 5 NTU operational parameters. Since the turbidity data is not being logged continuously, it is impossible to know when this SPDES limit (time turbidity) is be.'

SPDES Permit Exceedance(s)

On July 31, 2021 DMR indicated a violation of FECAL COLIF 30 DAY AVG with a sample result of 520 No/100ml exceeding the SPDES limit of 200 No/100ml. Operator stated that chlorine feed was reduced causing the violation. Operator will watch chlorine feed in the CBUD units more closely and is hoping for a chlorine feedback system in future.

On September 29, 2021 a DEP sample indicated an exceedance of Dissolved Oxygen with a sample result of 6.6 mg/L, exceeding the SPDES parameter limit of 7 mg/L. Minor exceedance, 0.4 mg/l difference.

On September 29, 2021 a DEP sample indicated an exceedance of pH with a sample result of 6.34 SU, exceeding the SPDES parameter limit of 6.5 SU. Not a major issue, 0.06 pH units off.

Enforcements

On September 16, 2021 RCI staff delivered a Verbal Warning regarding severe algae issue in lagoon feeding sand filters. Discussed option to ameliorate with operator.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

Miscellaneous

On July 6, 2021 RCI staff received a copy of application letter and second copy of connection proposal.

On July 2, 2021 RCI staff received a letter indicating that Trailside WWTP would accept flow from Hunter Peaks residential development.

On July 21, 2021 the DEP received a copy of June 2021 DEC's inspection report.

On August 11, 2021 RCI staff contacted plant operator regarding progress with CBUDSF compressors.

On October 29, 2021 RCI staff received a letter (from DEC) issued by EPA regarding significant SPDES non-compliance at the WWTP.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Walton

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

Comments

None.

Inspections

On August 19, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 9, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On July 31, 2021 DMR indicated a violation of TEMP with a sample result of 73 Deg F exceeding the SPDES limit of 70 Deg F. High ambient summer temperatures, river temperature monitoring performed.

On July 31, 2021 DMR indicated a violation of TIME TURBIDITY with a sample result of 8023 Minutes exceeding the SPDES limit of 2160 Minutes. plant running well however plant operator feels Kraft loading was at fault, this is a chronic issue.

On August 31, 2021 DMR indicated a violation of TEMP with a sample result of 75 Deg F exceeding the SPDES limit of 70 Deg F. High ambient summer temperatures, river temperature monitoring performed.

On September 15, 2021 a DEP sample indicated an exceedance of Temperature with a sample result of 73.04 °F, exceeding the SPDES parameter limit of 70 °F. High ambient summer temperatures, river temperature monitoring performed.

On September 30, 2021 DMR indicated a violation of TEMP with a sample result of 82 Deg F exceeding the SPDES limit of 70 Deg F. High ambient post summer temperatures, river temperature monitoring performed.

On October 31, 2021 DMR indicated a violation of TEMP with a sample result of 73 Deg F exceeding the SPDES limit of 70 Deg F. High ambient summer temperatures, river temperature monitoring performed.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Windham

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

Inspections

On September 28, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 17, 2021 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On August 31, 2021 DMR indicated a violation of TSS % RMVD with a sample result of 82 % exceeding the SPDES limit of 85 %.

On August 31, 2021 DMR indicated a violation of BOD5 % RMVD with a sample result of 80 % exceeding the SPDES limit of 85 %.

On October 31, 2021 DMR indicated a violation of BOD5 % RMVD with a sample result of 79 % exceeding the SPDES limit of 85 %.

Comments

DMR % removal exceedances are caused by weak influent values.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
 NYSDOH FAD Deliverable 6.2
 March 2022

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 31, 2021, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A8. Influent Impact on Operation' received a rating of Unsatisfactory with comments: 'Wet weather can almost double flows and cause operational challenges to balance proper nutrient removal at both stages of biological treatment'

Item: 'B3. Grit Removal' received a rating of Marginal with comments: 'cyclone grit concentrator. Unit is rapidly deteriorating; Town of Carmel is considering replacement'

Item: 'B4. Auger & bagger' received a rating of Marginal with comments: 'Auger Monster. Unit is in poor condition; Town of Carmel is considering replacement.'

Item: 'D7 Microfiltration System' received a rating of Unsatisfactory with comments: 'Operator stated that the CMFs are having trouble keeping up with influent flow. Each unit requires chemical CIP several times every day, CIP TMP restoration is worse in winter than in summer. Almost 40% of flow is recycled as backwash. Leaking skid/backwash piping. New pipe has been ordered but membrane units showing signs of failure, cleaning is ineffective. Assessment completed by manufacturer advising membranes are in need of replacement. Pall membrane units are considered as replacement. Cost proposal submitted to town of Carmel.'

On October 19, 2021, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A8. Influent Impact on Operation' received a rating of Unsatisfactory with comments: 'Wet weather can almost double flows and cause operational challenges to balance proper nutrient removal at both stages of biological treatment. Roughly 18% recycle rate back to head of the plant.'

Item: 'B3. Grit Removal' received a rating of Marginal with comments: 'cyclone grit concentrator. Unit is rapidly deteriorating, Town of Carmel is considering replacement.'

Item: 'B4. Auger&bagger' received a rating of Marginal with comments: 'Auger Monster. Unit is in poor condition, Town of Carmel is considering replacement. Needs new PLC, plan to replace.'

Item: 'D7 Microfiltration System' received a rating of Unsatisfactory with comments: 'Operator stated that the CMFs are having trouble keeping up with influent flow. Each unit requires chemical CIP several times every day, CIP TMP restoration is worse in winter than in summer. Almost 40% of flow is recycled as backwash. Leaking skid/backwash piping. New pipe has been ordered but membrane units showing signs of failure, cleaning is ineffective. Assessment completed by manufacturer advising membranes are in need of replacement. Pall membrane units are considered as replacement. Cost proposal submitted to town of Carmel.'

SPDES Permit Exceedance(s)

On September 30, 2021, a DMR monitoring result indicated a violation of DO DAILY MIN with a sample result of 5.31 mg/l, below the SPDES minimum of 7.0 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, turbidity readings 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
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Clear Pool Camp

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

Comments

None.

Inspections

On September 24, 2021, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'E1. Disinfection' received a rating of Marginal with comments: 'The "A" unit showed 100% for the last reading. The "B" unit is still not working.'

On December 10, 2021, 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: 'Yard equipment moved to outdoor cargo container but too much equipment still in building. New LED lighting.'

Item: 'E1. Disinfection' received a rating of Marginal with comments: 'The "A" unit showed 100% for the last reading. The "B" unit is still not working.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

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

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

Comments

None.

Inspections

On September 24, 2021, 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. Roof of primary settling tank building is temporarily patched, needs repair. Trees within facility security fence should be trimmed/cut down to eliminate debris in microfilter feed well.'

Item: 'E1. Disinfection U/V' received a rating of Marginal with comments: 'UV 810 - 6.7 mW/cm2. UV 820 - 7.0 mW/cm2. UV bank 830 offline due to a blown circuit board. Should replace ASAP. All lamps, sleeves and intensity sensors were replaced.'

On December 10, 2021, 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. Roof of primary settling tank building is temporarily patched, needs repair. Trees within facility security fence should be trimmed/cut down to eliminate debris in microfilter feed well.'

Item: 'E1. Disinfection U/V' received a rating of Marginal with comments: 'UV 810 - 6.8 mW/cm2, runtime = 34,822 hours.. UV 820 - 7.1 mW/cm2, runtime = 35,330 hours. UV bank 830 offline due to a blown circuit board. Should replace ASAP. All lamps, sleeves and intensity sensors were replaced.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

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, 2021, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 10, 2021, 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
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Lewisboro Elementary School

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Cross River	NY0036684	Yes	No	Yes

Comments

None.

Inspections

On July 27, 2021, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 24, 2021, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On October 18, 2021, a DEP laboratory sample indicated an exceedance of pH with a sample result of 8.68 S.U., exceeding the SPDES parameter maximum of 8.5 S.U.

On October 18, 2021, a DEP laboratory sample indicated an exceedance of Fecal Coliform with a sample result of E1800 cfu/100mL, exceeding the SPDES parameter limit of 200 cfu/100mL.

On October 20, 2021, a DEP laboratory sample indicated an exceedance of Total Coliform with a sample result of >8000 cfu/100mL, exceeding the SPDES parameter limit of 750 cfu/100mL.

On October 25, 2021, a DEP laboratory sample indicated an exceedance of pH with a sample result of 9.40 S.U., exceeding the SPDES parameter maximum of 8.5 S.U.

On October 25, 2021, a DEP laboratory sample indicated an exceedance of Total Coliform with a sample result of >80000 cfu/100mL, exceeding the SPDES parameter limit of 750 cfu/100mL.

On November 1, 2021, a DEP laboratory sample indicated an exceedance of pH with a sample result of 9.07 S.U., exceeding the SPDES parameter maximum of 8.5 S.U.

Regarding the aforementioned data exceedances, plant monitoring data indicate full compliance with all SPDES parameters. There did not appear to be any mechanical or process control abnormalities that could have led to these readings. All remaining wet chemistry, turbidity readings and bacteriological values for the period demonstrate no upset within the treatment process.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Mahopac (NYCDEP)

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

Comments

None.

Inspections

On July 15, 2021, 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. Due to staff downsizing many tasks have to be performed in overtime. Boilers need replacement. Groundwater leak into skudge pumps room observed.'

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: 'C2. Scum Removal' received a rating of Marginal with comments: 'Scum removal valve controls need replacement. Scum removal done manually.'

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

On November 23, 2021, 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. Due to staff downsizing many tasks have to be performed in overtime. Boilers need replacement. Groundwater leak into skudge pumps room observed.'

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: 'C2. Scum Removal' received a rating of Marginal with comments: 'Scum removal valve controls need replacement. Scum removal done manually.'

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

SPDES Permit Exceedance(s)

On July 31, 2021, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 73 °F, exceeding the SPDES limit of 70 °F. A Report of Noncompliance Event was filed with DEC/DEP for each above mentioned violation. The violation was caused by high ambient temperatures. No long-term corrective action is planned.

On August 31, 2021, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 73 °F, exceeding the SPDES limit of 70 °F. A Report of Noncompliance Event was filed with DEC/DEP for each above mentioned violation. The violation was caused by high ambient temperatures. No long-term corrective action is planned.

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
NYSDOH FAD Deliverable 6.2
March 2022

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 September 21, 2021, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 21, 2021, 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
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Michelle Estates Realty Subdivision

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

Comments

None.

Inspections

On August 10, 2021, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 18, 2021, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On September 30, 2021, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 73 °F, exceeding the SPDES limit of 70 °F. A Report of Noncompliance Event was filed with DEC/DEP. The violation was caused by high ambient temperatures. No long term corrective action is planned.

On October 20, 2021, a DEP laboratory sample indicated an exceedance of Temperature with a sample result of 78.26 °F, exceeding the SPDES parameter limit of 70 °F.

On October 25, 2021, a DEP laboratory sample indicated an exceedance of Temperature with a sample result of 72.32 °F, exceeding the SPDES parameter limit of 70 °F.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

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 2021 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
NYSDOH FAD Deliverable 6.2
March 2022

Facility: Waccabuc Country Club

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

Comments

None.

Inspections

On September 8, 2021, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 2, 2021, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On October 25, 2021, a DEP laboratory sample indicated an exceedance of pH with a sample result of 8.54 S.U., exceeding the SPDES parameter maximum of 8.5 S.U.

On November 1, 2021, a DEP laboratory sample indicated an exceedance of pH with a sample result of 8.52 S.U., exceeding the SPDES parameter maximum of 8.5 S.U.

Regarding the aforementioned data exceedances, plant monitoring data indicate full compliance with all SPDES parameters. There did not appear to be any mechanical or process control abnormalities that could have led to these readings. All remaining wet chemistry, turbidity readings and bacteriological values for the period demonstrate no upset within the treatment process.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
NYSDOH FAD Deliverable 6.2
March 2022

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 2021 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.