

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

**Wastewater Treatment Plant Compliance Inspection Reports
Summary – 1st and 2nd quarter 2020**

September 2020

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



Prepared by: DEP, Bureau of Water Supply
Watershed Protection Programs Directorate

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Introduction

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

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

Inspection Program Goals

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

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

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

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

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Inspection Program Structure

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

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

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

Compliance Inspection Report Content

This report meets the requirements of Filtration Avoidance Determination for the first and second quarter of 2020. 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.

***Commencing in late March thru the end of this reporting period, the vast majority of WWTP inspections were performed remotely, in accordance with public health guidelines for COVID-19, to mitigate exposure and illness.**

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Facility: Andes

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

Comments

The facility has violated the SPDES permitted flow limit for the first five months in this six month FAD reporting period. The DEP has issued a warning letter on May 26th and the DEC issued one as well in July of 2019 after multiple flow violations last year. The Town needs to present a plan of action and start to investigate the sources of I & I. Ultimately they need to make the required repairs to the collection system.

Inspections

On February 4, 2020 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 average flow for December was 72,000 gallons. The SPDES limit is 62,000 GPD. They still have a I&I issues. They are planning on a camera survey of the collection system in the near future. '.

On May 13, 2020 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 average flow reported on the January DMR was 73,000 gallons. The SPDES limit is 62,000 GPD. They still have a I&I issues. They are planning on a camera survey of the collection system in the near future. '.

SPDES Permit Exceedance(s)

On January 31, 2020 DMR indicated a violation of FLOW EFFL 30 DAY AVG with a sample result of 0.073 MGD exceeding the SPDES limit of 0.062 MGD.

On February 29, 2020 DMR indicated a violation of TSS % RMVD with a sample result of 83 % exceeding the SPDES limit of 85 %.

On February 29, 2020 DMR indicated a violation of BOD5 % RMVD with a sample result of 83 % exceeding the SPDES limit of 85 %.

On February 29, 2020 DMR indicated a violation of FLOW EFFL 30 DAY AVG with a sample result of 0.076 MGD exceeding the SPDES limit of 0.062 MGD.

On March 31, 2020 DMR indicated a violation of FLOW EFFL 30 DAY AVG with a sample result of 0.072 MGD exceeding the SPDES limit of 0.062 MGD.

On April 30, 2020 DMR indicated a violation of FLOW EFFL 30 DAY AVG with a sample result of 0.077 MGD exceeding the SPDES limit of 0.062 MGD.

On May 31, 2020 DMR indicated a violation of FLOW EFFL 30 DAY AVG with a sample result of 0.071 MGD exceeding the SPDES limit of 0.062 MGD.

Enforcements

On May 26, 2020 RCI staff issued a Warning Letter to Supervisor Gladstone for DMR flow exceedances at the Andes WWTP. The letter states that the Town is prohibited from allowing any sewer connections or sewer extensions until May 2021. That time frame may extend if further flow violations occur.

Miscellaneous

On January 23, 2020 DEP received a copy of DEC's facility inspection report.

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Facility: Ashland

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

Comments

None.

Inspections

On February 20, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 17, 2020 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: Boiceville

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

Comments

The operator has been using only one SBR basin since 6/16/20 and it is working well. The operators have done a great job reducing the I & I and making process changes, this has enabled them to finally operate using one SBR basin with success. They have continued to operate with one basin for the entire third quarter of this year.

Inspections

On January 9, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 17, 2020 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: Chichester (NYCDEP)

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

Comments

None.

Inspections

On February 6, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 28, 2020 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 March 25, 2020 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. High phosphorus loading also from domestic flow, looking into source. '.

On May 29, 2020 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. High phosphorus loading also from domestic flow, looking into source. Collection system rehab planned this summer by sewer specialties.'
Item: 'D3. Blowers' received a rating of Marginal with comments: '3 of 3 operational. Check valves serviced. New unit #2 working well. Blower #3 and 5 dead, new unit on hand and to be replaced in spring.'

SPDES Permit Exceedance(s)

On January 31, 2020 DMR indicated a violation of CBOD5 % RMVD with a sample result of 83.3 % exceeding the SPDES limit of 85 %. Low feed CBOD, not a WQ or process issue, no CBOD concentration violation.

On January 31, 2020 DMR indicated a violation of TIME TURBIDITY with a sample result of 15309 Minutes exceeding the SPDES limit of 2160 Minutes. PAC overdosing, rectified with adjustment.

On March 31, 2020 DMR indicated a violation of PHOS 30 DAY AVG with a sample result of 0.44 mg/l exceeding the SPDES limit of 0.11 mg/l. High phosphorus loading into facility from domestic and industrial sources. Operator trying to identify source. Chemical adjustments made.

On April 30, 2020 DMR indicated a violation of CBOD5 % RMVD with a sample result of 80 % exceeding the SPDES limit of 85 %. Due to low feed CBOD, not an issue.

On April 30, 2020 DMR indicated a violation of PHOS 30 DAY AVG with a sample result of 0.19 mg/l exceeding the SPDES limit of 0.11 mg/l. Problem self-ameliorated yet operator feels problem was with DOMO. DOMO adjusted its PAC injection point at around time levels went down so maybe a connection.

On May 31, 2020 DMR indicated a violation of TEMP with a sample result of 72 Deg F exceeding the SPDES limit of 70 Deg F. High industrial feed temperatures causing this problem, operator working on doing more regulation of the industries.

On May 31, 2020 DMR indicated a violation of TURBIDITY with a sample result of 10.01 NTU exceeding the SPDES limit of 5 NTU. SCADA issue, no high turbidity effluent actually released.

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On May 31, 2020 DMR indicated a violation of CBOD5 % RMVD with a sample result of 84 % exceeding the SPDES limit of 85 %. Due to low feed CBOD, not an issue.

On June 30, 2020 DMR indicated a violation of TEMP with a sample result of 80 Deg F exceeding the SPDES limit of 70 Deg F.

On June 30, 2020 DMR indicated a violation of PHOS 30 DAY AVG with a sample result of 0.119 mg/l exceeding the SPDES limit of 0.11 mg/l.

Enforcements

None.

Miscellaneous

On January 9, 2020 WECC meeting agenda/minutes attached.

On February 11, 2020 RCI staff received copies of letters from the USEPA to the Facility with a Request for Information (RFI). EPA requires the information to better understand the compliance status of two industrial users, namely Freisland Campina and Saputo as it relates to Delhi's discharges.

On March 3, 2020 RCI staff filed an Incident Report. At 2pm, REP staff received a call from Lionel Dudley, the facilities manager at Saputo Foods that he was informed of a breach in the IDA pipeline the feeds process waste from Friesland Campina-DOMO and Saputo Foods to the Delhi WWTP. The flow into the pipeline was stopped at approximately 2:45 pm. Contractors will be onsite today to evaluate the extent of the damage and to expedite repairs. Per Lionel, the spill went directly into the West Branch Delaware River.

On June 25, 2020 RCI staff contacted plant operator regarding a reported spill on 6/25/20. Grease and rags created a blockage at a manhole adjacent to the Mirabito Oil Co. terminal. No o flow made it to the adjacent storm drain and the overflow was small. Operator felt that liquid on ground may not have been from spill, but instead from work being done at Mirabito. Line was jetted and cleared with full flow thereafter.

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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 February 20, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 28, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On May 26, 2020 RCI staff reached out to Mike Jonker of LVDV operations to remind him to send out the data for the Roxbury Run WWTP for a remote inspection. We spoke last week and planned it for Tuesday, the day after Memorial Day.

He stated that he was tied up for the day due to a problem at the Roxbury Town Hall Building. The town workers were digging up a buried fuel oil tank that was empty and being decommissioned. They damaged the water supply pipe and the building sewer lateral as well. The location of both were not in the location they thought and had on their records.

Due to the fact that they immediately shut the water supply to the building there was no sewer use at that time and no spill occurred. They made the repairs that were needed. All of the problems were on Town property.

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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 January 13, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 27, 2020 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 January 22, 2020 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. Expired milk being added to increase BOD load to aeration tanks.'

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 January 27, 2020 RCI staff performed a Follow-up Inspection of the facility regarding a recent pathogen detection. The sampling occurred after a recent air lancing. Sample was collected from a Clearwell that may have contained a small volume of backwash and was not representative of the normal plant discharge.

On April 16, 2020 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: 'A1 pumps at main site lift station to service both pumps. 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. Expired milk being added to increase BOD load to aeration tanks.'

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.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

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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 May 21, 2020 RCI staff performed a Semi-Annual Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On February 29, 2020 DMR indicated a violation of TEMP with a sample result of 71 Deg F exceeding the SPDES limit of 70 Deg F. 5 minute excursion, more cooling water added to rectify.

Enforcements

None.

Miscellaneous

On March 3, 2020 RCI staff filed an Incident Report. At 2pm, REP staff received a call from Lionel Dudley, the facilities manager at Saputo Foods that he was informed of a breach in the IDA pipeline the feeds process waste from Friesland Campina-DOMO and Saputo Foods to the Delhi WWTP. The flow into the pipeline was stopped at approximately 2:45 pm. Contractors will be onsite today to evaluate the extent of the damage and to expedite repairs. Per Lionel, the spill went directly into the West Branch Delaware River.

On April 23, 2020 RCI staff received temp NOV issued by DEC.

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Facility: Grahamsville (NYCDEP)

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

Comments

None.

Inspections

On March 25, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 24, 2020 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 January 8, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 16, 2020 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 February 20, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 9, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On June 10, 2020 RCI staff received an email in response to the question about the air supply blowers. The 3 HP blower needs a starter relay which is on order and should be delivered this week. There is a 1 HP one that is being used.

On June 16, 2020 RCI staff received an email from the caretaker in reference to my question about the blower status and I also requested the most recent septic tank pump out receipts.

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Facility: Hobart

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

Comments

None.

Inspections

On February 26, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 12, 2020 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 February 25, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 1, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On January 28, 2020 a DWQC effluent sample was taken. Results showed a positive detection with 1 cyst of Giardia present.

A turbidity report for the facility was obtained for that day and the maximum value was 0.19 NTU's. There was no known reason for the positive detection.

On January 31, 2020 the DEP received a copy of DEC's facility inspection report.

On February 6, 2020 RCI staff was contacted by the DEP lab in reference to a sample obtained today at the Hunter WWTP. The 24 hour composite sample showed a result of 100 mg/l for residual chlorine. The sampler obtained a grab sample at the same time and had a result of 0.01 mg/l and he resampled with a result of 0.02 mg/l.

No staff was present at the time so the sampler reached out to his supervisor Bob Howe by phone. Bob contacted Josh at the Windham WWTP and ultimately Todd, the Hunter operator.

This is most likely an error caused by chlorine contamination from the cleaning process of the sample jar. The sample will be discarded and a resample will be conducted next week.

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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 May 20, 2020 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: L'man Achai (Camp)

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

Comments

None.

Inspections

On June 4, 2020 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 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. Operator indicated that plant owner has been notified of this. '

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 6/2019. New compressor on hand.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On May 28, 2020 RCI staff sent email requesting turbidity meter calibration be done before plant start up.

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Facility: Machne Tashbar (Camp)

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

Comments

None.

Inspections

On June 17, 2020 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A2. Potable water supply inspection' received a rating of Marginal with comments: 'Backflow preventer inspected 5/30/19. Overdue for inspection. Must be done ASAP.'

Item: 'A11. Turbidity Monitoring ' received a rating of Marginal with comments: 'Meter last calibrated by plant staff on 6/8/19, needs calibration by outside vendor for 2020 season. This must be done ASAP.'

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)

None.

Enforcements

None.

Miscellaneous

On May 28, 2020 RCI staff sent email requesting turbidity meter calibration be done before plant start up.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
September 2020

Facility: Margaretville (NYCDEP)

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

Comments

None.

Inspections

On March 2, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 28, 2020 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
September 2020

Facility: Mountain View Estates

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

Comments

None.

Inspections

On March 26, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 6, 2020 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
September 2020

Facility: Mountainside Farms Inc.

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

Comments

None.

Inspections

On February 20, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 13, 2020 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
September 2020

Facility: Oh-Neh-Tah (Camp)

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

Comments

None.

Inspections

On January 30, 2020 RCI staff performed a Reconnaissance Inspection of the facility. Heat was on in the building and the back-up generator has been exercised and the running hour meter showed 193.5 hrs. All looks good inside and out.

On June 11, 2020 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A3. Potable Water Supply Prot.' received a rating of Marginal with comments: ' The back flow preventer was in service and was last inspected on 11/28/18 and was due 11/19 and is past due for inspection. '

Item: 'A7. SPDES Permit' received a rating of Unsatisfactory with comments: 'The facility has an expired permit on site (expired on 4/30/18). The DEP has reached out to the operator to obtain a copy of the new permit but has not been provided with one yet. Please send a copy of the current permit to the operator, to post in the facility, and to the DEP as well. '

Item: 'E5. Receiving Water Condition' received a rating of Marginal with comments: 'Sign is in place but the weeds are very high around it. A tree has fallen across the front of it as well. '.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
September 2020

Facility: Olive Woods LLC. (Woodstock Percussion)

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

Comments

None.

Inspections

On February 3, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 27, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On January 22, 2020 RCI staff received a call from Kevin the building and grounds supervisor. He stated that he repaired the discharge notification sign at the outfall pipe by the stream. The sign will be checked and the marginal rating will be changed on the next inspection report.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
September 2020

Facility: Oorah Catskill Retreat

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

Comments

None.

Inspections

On June 25, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On February 27, 2020 RCI staff verified with the operator that the system is still in winter mode and the heat has been on in the building and the backup generator is being exercised. All is good at the facility. There will be a new operator there for this coming season.

On May 29, 2020 RCI staff reached out to the operator to check the status of the WWTP start-up prior to the camp season.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
September 2020

Facility: Pine Hill (NYCDEP)

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

Comments

None.

Inspections

On February 27, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 4, 2020 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
September 2020

Facility: Prattsville

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

Comments

None.

Inspections

On February 27, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 20, 2020 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
September 2020

Facility: Richardson Hill Road Landfill

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

Comments

None.

Inspections

On May 20, 2020 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
EPA FAD Deliverable 6.2
September 2020

Facility: Robert W. Harold Campus (BOCES)

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

Comments

None.

Inspections

On March 25, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 3, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On January 31, 2020 DMR indicated a violation of TURBIDITY with a sample result of 0.66 NTU exceeding the SPDES limit of 0.5 NTU. Not a violation, 0.66 NTU did not exceed 5% time limit.

On February 29, 2020 DMR indicated a violation of TURBIDITY with a sample result of 0.89 NTU exceeding the SPDES limit of 0.5 NTU. Not a violation, 0.89 did not exceed 5% time limit. Instantaneous max is 5 NTU.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
September 2020

Facility: Roxbury Lift Station

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

Comments

None.

Inspections

On January 27, 2020 RCI staff performed a Reconnaissance Inspection of the facility. Generator at 440.3 hours, no alarms, heaters on, pump hours at 63359/55589, wet well at 3.4 feet, 78 psi in force main, pumps look good, serviced as needed.

On May 6, 2020 RCI staff performed a Reconnaissance Inspection of the facility. Generator OK at 446.8 hrs., building and grounds OK, EQ tank OK, pump hours 6491/5686, wet well at 4.2', 70 psi in line, pumps look good, no leaks, wet well OK.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
September 2020

Facility: Saputo Foods USA LLC (Cooling Water)

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

Comments

None.

Inspections

On March 4, 2020 RCI staff performed a Reconnaissance Inspection of the facility. DEP staff (Greg Squires and Steven Boek) met with DCIDA at the location of the pipeline leak the day prior. Temporary fix was in place and will be permanently fixed next day. It was unclear based on site conditions if the process wastewater directly reached the stream or not. Quantity of estimated spill has not been computed yet.

On May 19, 2020 RCI staff performed a Semi-Annual Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On March 3, 2020 RCI staff filed an Incident Report. At 2pm, REP received a call from Lionel Dudley, the facilities manager at Saputo Foods that he was informed of a breach in the IDA pipeline the feeds process waste from Friesland Campina-DOMO and Saputo Foods to the Delhi WWTP. The flow into the pipeline was stopped at approximately 2:45 pm. Contractors will be onsite today to evaluate the extent of the damage and to expedite repairs. Per Lionel, the spill went directly into the West Branch Delaware River.

On March 4, 2020 RCI staff received a summary of the 3/3/20 pipeline burst and temporary repair incident from the DCIDA.

On March 6, 2020 RCI staff reached out to DEC regarding total spill estimate. They had not received a total spill volume either. DEP's communications with IDA staff had previously indicated it would be very difficult to ascertain discharge volume. DEC noted they have some ideas on how to regulate the IDA pipeline, and will get to that over the summer after inspections are done.

On March 6, 2020 RCI staff reached out to the DCIDA regarding status of pipeline repair. They responded with some details of the permanent repair, which is completed as of 12:40pm on 3/5/20. DEP awaits pictures of permanent repair from DCIDA. Pictures were received and added to database.

On June 25, 2020 RCI staff forwarded communications regarding the facility onsite sanitary waste treatment system

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
September 2020

Facility: Stamford

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

Comments

None.

Inspections

On March 26, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 13, 2020 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
September 2020

Facility: Tannersville (NYCDEP)

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

Comments

None.

Inspections

On January 6, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 13, 2020 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
September 2020

Facility: Timber Lake (Camp)

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

Comments

None.

Inspections

On June 23, 2020 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D8. Microfiltration' received a rating of Unsatisfactory with comments: 'Unit #1 has a bad PLC and it needs to be replaced. The PC that runs SCADA in windows 7 is starting to fault and will need to be replaced soon as well. The operator stated that both micro-filter feed pumps need to be replaced. They have been tripping out the last couple of years. The recent service showed that the air dryer on compressor #2 needs to be replaced. The operator is suggesting to rebuild / replace one unit this year and the other one next year. '.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On May 29, 2020 RCI staff spoke with the operator to check the status of the WWTP prior to the camp season.

He is working on a MF control panel that lost the program from a dead battery. Control Company will fix on Monday remotely.

A couple of actuator valves need to be repaired or replaced on the MF units.

Generator Company will service Generator on Monday.

Compressors were serviced this Monday.

They need to replace a MF feed pump.

They need a new desktop computer the one they have is a windows 7. There is no more support for that version of windows. They obtained a quote for \$3,500.00 and they can transfer the program them self. They can run the way they are until the new computer comes in.

NYCDEP WWTP Inspection Program
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September 2020

Facility: Trailside at Hunter LLC (Hunter Highlands)

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

Comments

None.

Inspections

On January 8, 2020 RCI staff performed a Reconnaissance Inspection of the facility. Discussed lack of permanent heat in CBUD building.

On January 13, 2020 RCI staff performed a Reconnaissance Inspection of the facility. No overflows noted.

On January 15, 2020 RCI staff performed a Follow-up Inspection of the facility. Assisted DEP sampling with collection of composite sample.

On February 19, 2020 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 is inoperative. Needs immediate repair.'

Item: 'A6. Odor/Odor Control' received a rating of Unsatisfactory with comments: 'Odor from portable heater in BUD building unacceptable.'

Item: 'A7. Influent Impact on operations' received a rating of Unsatisfactory with comments: 'Normal flows for ski season. 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 still 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: '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.'

Item: 'A11. Laboratory' received a rating of Marginal with comments: 'Bench top pH meter inoperative. Operator using a portable pH pen for measurement and reporting. A bench top meter made for lab use is preferable.'

Item: 'D1. Aeration Tanks' received a rating of Unsatisfactory with comments: 'One aeration tank blower failed leaving only one available blower with no backup. If the one functional blower fails, all secondary process will be inactive leading to CBUD system overload and likely SPDES violations. Decant pump 2 failing, needs repair/replacement. Noted reduced aeration, diffusers should be checked. Tanks 1 and 2 operational and online. NH3 violations becoming chronic and indicate a lack of nitrification in the aeration tanks.'

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Item: 'D3. Blowers' received a rating of Unsatisfactory with comments: 'One aeration tank blower failed leaving only one available blower with no backup.'

On June 25, 2020 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. DEP in receipt of quote for new system from Bottini Fuel, no work done as of yet.'

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 is inoperative. Needs immediate repair.'

Item: 'A6. Odor/Odor Control' received a rating of Unsatisfactory with comments: 'Odor from portable heater in BUD building unacceptable. Proposed HVAC system would eliminate this problem.'

Item: 'A7. Influent Impact on operations' received a rating of Marginal with comments: 'Normal flows for off season. Collection system maintenance needs to be improved and have designated staff performing this function. Proposed contract with TAM for collection system however DEP not in receipt of signed contract.'

Item: 'A8. Preventative Maintenance' received a rating of Unsatisfactory with comments: 'Long term deficiencies remain unresolved.'

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.'

Item: 'B2.Lagoon Pumps' received a rating of Marginal with comments: 'Main pump operational but is detached. Backup not available, suggested operator obtain backup pump. To be serviced by TAM'

Item: 'D1. Aeration Tanks' received a rating of Marginal with comments: 'One aeration tank blower that had failed is fixed. Decant pump repaired. Noted reduced aeration, diffusers should be checked. Tanks 1 and 2 operational and online. NH3 violations chronic and indicate a lack of nitrification in the aeration tanks. A full engineering report requested by DEC will answer some questions re: problems with winter ammonia removal.'

Item: 'D3. Blowers' received a rating of Unsatisfactory with comments: 'One aeration tank blower failed leaving only one available blower with no backup. If the one functional blower fails, all secondary process will be inactive leading to CBUD system overload and likely SPDES violations.'

Item: 'D7. CBUD Sand Filters' received a rating of Unsatisfactory with comments: 'One feed pump has failed leaving only one operational pump with no spare. System working well, but if the single critical operational pump fails, the tertiary filtration system will not operate thus the unsatisfactory rating. Pinch valves not fully opening reducing throughput through the system. Should be replaced. 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.'

SPDES Permit Exceedance(s)

On January 31, 2020 DMR indicated a violation of CBOD5 DAILY MAX with a sample result of 11 mg/l exceeding the SPDES limit of 5 mg/l. Cold winter temperatures causing secondary process issues at facility. Operator adding enzymes and attempting to cover tanks with insulation. Cold, exposed tanks are the issue.

On January 31, 2020 DMR indicated a violation of CBOD5 LBS DAILY MAX with a sample result of 2.62 lbs/d exceeding the SPDES limit of 1.67 lbs/d. Plant nitrification inhibited by cold temperatures. Operator adding enzymes and covers to tanks to help. Cold winter temperatures causing secondary process issues at facility. Operator adding enzymes and attempting to cover tanks with insulation. Cold, exposed tanks are the issue.

On January 31, 2020 DMR indicated a violation of NH3 WINTER DAILY MAX with a sample result of 17 mg/l exceeding the SPDES limit of 2 mg/l. Cold winter temperatures causing secondary process issues at facility. Operator adding enzymes and attempting to cover tanks with insulation. Cold, exposed tanks are the issue.

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On February 29, 2020 DMR indicated a violation of NH₃ WINTER DAILY MAX with a sample result of 22 mg/l exceeding the SPDES limit of 2 mg/l. Cold winter temperatures causing secondary process issues at facility. Operator adding enzymes and attempting to cover tanks with insulation. Cold, exposed tanks are the issue.

Enforcements

On May 21, 2020 RCI staff issued a Warning Letter for a DEP Exceedance occurring on: 1/15/20, 2/19/20 and 3/19/20.

On June 24, 2020 RCI staff issued a Warning Letter for a DEP Exceedance resent after letter returned due to incorrect address, re-sent to new address provided by owner.

Miscellaneous

On January 8, 2020 RCI staff requested information regarding needed HVAC repairs in CBUD building

Ryan – I stopped by trailside WWTP today and spoke to the operator (Ryan New) re: the heating system status. He mentioned that there were a couple of quotes from Paraco and Bottini for the heating system repairs. Have these been sent to the plant owner (Gerard Rem) for approval? Any update would be appreciated.

I see that the building has a portable heater (salamander type) in operation. I also noted that the back door of the building needs to be open about 4" to allow a hose to go through the back door. Having the door open like this results in significant heat loss and given the tenuous heating situation in the building, is there any way to re-route that hose so the door can be firmly shut? So far this has been a mild winter, but there is no guarantee that it is going to stay this way. Potential frigid conditions + the ajar back door may lead to freezing conditions that can damage infrastructure in the CBUD building.

Please advise.

PL.

On January 9, 2020 RCI staff received reply re: HVAC inquiry:

In regards to the HVAC system... Gerard has everything he needs to make the decision regarding the heating system. I have sent multiple emails asking for updates and have had no reply. Ryan Rysinger is also teaching out to him to get the situation resolved ASAP.

On January 10, 2020 RCI staff received an email from NYC Law office, discussing possible plan to communicate with DEC and orchestrate a field visit with owner, impressing upon him the repercussions of failing to comply with WWTP operations responsibly including DEP funding and payments to vendors.

On January 13, 2020 RCI staff received reply regarding planned 1/15/20 sampling

Should be all set - the plant should be running.

On January 30, 2020 at the Quarterly Regs Meeting, it was decided DEP Legal will follow-up with DEC to set up meeting with owner.

On February 14, 2020 DEP received email from NYC Law suggesting that DEP REP staff were supposed to set up meeting with owner and DEC.

On March 11, 2020 DEP spoke with DEC regarding timeframes required for owner to comply with under DEC's impending NOV.

On March 25, 2020 RCI staff received a copy of DEC issued NOV.

On April 21, 2020 RCI staff received facility update from operator:

Hey Paul, Thought you would like to know about some progress regarding hunter highlands wwtp:

We have been passing ammonia since 3/25. We have been using a proper bench top pH meter. TAM has been paid and some projects have been getting attention: aeration blower 1 is up and running, compressors have been serviced, sand filter feed pump 2 wire replaced but not installed yet, comminuter removed. Next on the list: pulling aeration diffusers and replacing air valves, and replacing worn sand filter pinch valves with gate valves.

NYCDEP WWTP Inspection Program
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On May 7, 2020 RCI staff received TAM collection system contract.

On May 7, 2020 RCI staff received response from DEC re: WWTP ammonia issues (NOV update).

On May 15, 2020 RCI staff in conjunction with DEP have been working on a warning letter, final to be added to database when finalized.

On May 15, 2020 RCI staff received collection system contract and O&M plan from DEC.

On June 22, 2020 RCI staff copied on email to DEC re DEC NOV:

From: GR Rem <hpcc.comm@gmail.com>

Sent: Monday, June 22, 2020 1:54 PM

To: Mitchell, Rebecca X (DEC) <Rebecca.Mitchell@dec.ny.gov>; LaFiandra, Paul <LaFiandraP@dep.nyc.gov>; Ryan Rysinger <ryanrysinger@jcoinc.org>

Subject: Notice of Violation and Action Plan

Dear Becky

My understanding of the outstanding issues that need to be addressed are

Phone line for Alarm

Solution:

I have requested Spectrum, which provides our internet service at the plant, to install and activate a phone line for the alarm system by July 1, 2020.

I will coordinate with Ryan Rysinger in regard to the installation date and will confirm this week for installation at the first available date. In any event, I will procure a definite installation date and provide it to you this week.

Generator Service maintenance.

Solution:

We have a quote from Power Generator Service for a maintenance agreement.

I am signing this and will email tomorrow with service to start July 1, 2020.

Furnace replacement

Solution:

Please see the attached quote from Bottini Fuel which will be executed and effective as of July 1, 2020.

Ammonia Levels

Solution:

My understanding is the solution requires a shed to be built over the tanks. We have a quote from Tam. Ryan is seeking other quotes from qualified contractors.

We commit to selecting a contractor by July 31, 2020, with work to be completed by October 31, 2020.

Certificates of Compliance will be sent to you this week.

Very truly yours,

Gerard Rem

HPCC

On June 22, 2020 RCI staff received reply from owner regarding DEC NOV.

On June 22, 2020 RCI staff received new contact info from owner:

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Facility: Walton

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

Comments

None.

Inspections

On March 26, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 23, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On June 30, 2020 DMR indicated a violation of TEMP with a sample result of 73 Deg F exceeding the SPDES limit of 70 Deg F. Outfall River monitoring showed no deleterious effect to stream (West Branch Delaware).

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
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Facility: Windham

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

Comments

None.

Inspections

On January 30, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 16, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On April 30, 2020 DMR indicated a violation of BOD5 % RMVD with a sample result of 67 % exceeding the SPDES limit of 85 %.

On May 31, 2020 DMR indicated a violation of BOD5 % RMVD with a sample result of 67 % exceeding the SPDES limit of 85 %. Caused by high flows for the first week of the month and diluted influent concentrations. The effluent values were normal. There was no plant upsets to report. RNCE is attached.

Enforcements

None.

Miscellaneous

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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

Remote inspections were performed, in accordance with public health guidelines for COVID-19, to mitigate exposure and illness.

Inspections

On January 7, 2020, 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: '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 several times 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. Cost proposal submitted to town of Carmel.'

On June 30, 2020, 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 rusty, Town of Carmel is considering replacement'

Item: 'B4. Auger & bagger' received a rating of Marginal with comments: 'Auger Monster. Unit is rusty, Town of Carmel is considering replacement.'

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 several times 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. Cost proposal submitted to town of Carmel.'

SPDES Permit Exceedance(s)

On March 31, 2020, a DMR monitoring result indicated a violation of TSS DAILY MAX with a sample result of 14 mg/l, exceeding the SPDES limit of 10 mg/l. A Report of Noncompliance Event was filed with DEC/DEP. There did not appear to be any mechanical or process control abnormalities with tertiary treatment 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
September 2020

Facility: Clear Pool Camp

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

Comments

Remote inspections were performed, in accordance with public health guidelines for COVID-19, to mitigate exposure and illness.

Inspections

On March 12, 2020, 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 April 30, 2020, 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.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
September 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

Remote inspections were performed, in accordance with public health guidelines for COVID-19, to mitigate exposure and illness.

Inspections

On January 30, 2020, 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. 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. 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 - 1.3 mW/cm2, 18,497 hours. UV 820 - 2.1 mW/cm2, 19,005 hours. UV bank 830 offline due to a blown circuit board. Should replace ASAP. All lamps and sleeves should be replaced. Need new panel.'

On April 30, 2020, 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. 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. Remote inspection due to COVID-19 guidelines.'

Item: 'A2. Flow Metering' received a rating of Unsatisfactory with comments: 'Effluent flow meter last calibrated in 2009, being scheduled. 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 - 10.2 mW/cm2. UV 820 - 7.2 mW/cm2. 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
EPA FAD Deliverable 6.2
September 2020

Facility: Kent Manor Condominiums

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

Comments

Remote inspections were performed, in accordance with public health guidelines for COVID-19, to mitigate exposure and illness.

Inspections

On March 12, 2020, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 30, 2020, 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
September 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.

Remote inspections were performed, in accordance with public health guidelines for COVID-19, to mitigate exposure and illness.

Inspections

On March 3, 2020, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 30, 2020, 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
September 2020

Facility: Mahopac (NYCDEP)

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

Comments

Remote inspections were performed, in accordance with public health guidelines for COVID-19, to mitigate exposure and illness.

Inspections

On February 20, 2020, 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 June 30, 2020, 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: 'Remote inspection due to COVID-19 guidelines. 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 June 30, 2020, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 72 °F, exceeding the SPDES limit of 70 °F. A Report of Noncompliance Event was filed with DEC/DEP. The violation was caused by high 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
EPA FAD Deliverable 6.2
September 2020

Facility: Meadows at Cross River Condominiums

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

Comments

Remote inspections were performed, in accordance with public health guidelines for COVID-19, to mitigate exposure and illness.

Inspections

On January 3, 2020, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 30, 2020, 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
September 2020

Facility: Michelle Estates Realty Subdivision

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

Comments

Remote inspections were performed, in accordance with public health guidelines for COVID-19, to mitigate exposure and illness.

Inspections

On February 10, 2020, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 30, 2020, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On February 28, 2020, staff received a call from the plant supervisor regarding a small overflow from the EQ tank. The facility experienced a brief power loss; the EQ pumps did not automatically restart. Influent feed backed up and began to spill. The operator restored service immediately. An estimated 200 gallons spilled onto the plant grounds, it did not reach a watercourse and did not impact water quality.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
September 2020

Facility: North Castle and Harrison Pump Stations

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

Comments

Remote inspections were performed, in accordance with public health guidelines for COVID-19, to mitigate exposure and illness.

Inspections

DEP conducted reconnaissance inspections throughout the first and second quarter of 2020 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
September 2020

Facility: Waccabuc Country Club

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

Comments

Remote inspections were performed, in accordance with public health guidelines for COVID-19, to mitigate exposure and illness.

Inspections

On February 6, 2020, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 30, 2020, 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
September 2020

Facility: West Lake Sewer Extension

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

Comments

Remote inspections were performed, in accordance with public health guidelines for COVID-19, to mitigate exposure and illness.

Inspections

Staff performed inspections of the West Lake Trunk Sewer throughout the first and second quarter of 2020 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.