

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

**Wastewater Treatment Plant Compliance Inspection Reports  
Summary – 3<sup>rd</sup> and 4<sup>th</sup> Quarter 2020**

**March 2021**

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



Prepared by: Bureau of Water Supply  
Watershed Protection Programs Directorate

NYCDEP WWTP Inspection Program  
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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 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 March 2020 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 not violated their SPDES permitted flow limit since May of 2020. They still have high daily flows due to I & I and there was overflow of the influent pump station on 12/25/20.

**Inspections**

On August 3, 2020 RCI staff reached out to the operator during and after Hurricane Isaias to see how the WWTP operated and if there was any issues.

The operator at Andes stated: "Flow increased from 40,000 to 75,000 GPD after about 2 inches of rain. They did not lose power at the WWTP either. All was well there."

On August 12, 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: 'They still have I&I issues. They are planning on a camera survey of the collection system in the near future. '.

On August 17, 2020 RCI staff performed a Follow-up Inspection of the facility.

Reached out to Andes WWTP and Delaware operations to get an update if the town has made any plans to investigate and/or repair I & I issues with the collection system. He responded that he is still waiting for the town to make a decision.

On October 28, 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 total flow for yesterday was 0.027 MGD. 20 GPM flow at the time of the inspection. They still have I&I issues. They are planning on a camera survey of the collection system in the near future. '.

**SPDES Permit Exceedance(s)**

On August 31, 2020 DMR indicated a violation of BOD5 LBS DAILY MAX with a sample result of 3.7 lbs/d exceeding the SPDES limit of 2.6 lbs/d.

**Enforcements**

On December 26, 2020 RCI staff delivered a Verbal Warning for the I & I issues and the overflow on 12/25 caused by heavy rain and snow melt.

**Miscellaneous**

On July 21, 2020 RCI staff reached out to the operator to verify if he was aware that the Town received the letter for flow exceedances.

I just reached out to the operator, he was never notified directly by the Town but was aware from my previous call that the letter was going out. He knows that Delaware Operations had a meeting with the Town supervisor about it and figured that the letter was sent out. I reminded him about the restriction for any new connections.

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On August 31, 2020 a Report of Noncompliance Event was filed with DEC/DEP, for an event occurring on August 5th for an exceedance of BOD lbs. - loading with a value of 3.7 lbs./day. High flows caused by I&I on the day the BOD sample was obtained was .112 MGD. The % BOD removal was 86%.

On December 25, 2020 a Report of Noncompliance Event was filed with DEC/DEP, for an event occurring on 12/25/20. A rain storm (4 to 5 inches) and snow melt caused an overflow at the WWTP influent pump station.

Andes WWTP – Overflow at the influent pump station located on the WWTP property.

Started at 08:58 on the 25th and ended 12:45 on the 26th.

The operator reported the overflow to be “80,000 to 100,000 gallons for the entire time of overflow and that estimation may be high. The overflow from the pump station goes to storm drains that go to the pond (we dye tested it to verify) and the overflow from the pond to the creek was not reached, the level in the pond probably rose around 4 ft.”

Flow through the WWTP was .132 MGD on the 25th, .131 MGD on the 26th and .120 MGD gallons on the 27th.

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**Facility: Ashland**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Schoharie	NY0263214	Yes	No	Yes

**Comments**

None.

**Inspections**

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

On October 30, 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**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Ashokan	NY0274038	Yes	No	Yes

**Comments**

None.

**Inspections**

On August 3, 2020 RCI staff reached out to the operator during and after Hurricane Isaias to see how the WWTP operated and if there was any issues.

The operator responded with: "Flow doubled from 0.013mgd to 0.026mgd but considering the 3.25" of rain and the I&I impacts in the past I feel that we did very well."

"Definitely! We are still on single basin operation as well since June 16th and did not have to initiate wet weather operation."

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

On August 26, 2020 RCI staff performed a Follow-up Inspection of the facility. The operator reached out to RCI Staff to discuss a proposed addition of ammonia in the SBR tank to prepare for the school year in an effort to continue to operate with one SBR tank. They recently added D.O. probes and now operate based on D.O. levels. They were able to empty the tank and replace mounting hardware, piping and diffusers. It turned out that about 20 % of the diffusers were eliminated by the previous operator. This is the first time they have been able to operate with one SBR basin. This is good news considering the fact that the DEP may build a separate new plant for Shokan and not combine the flow from Boiceville and Shokan. Henry Lamont wants to monitor the operation of one SBR and addition of ammonia as a pilot study and is reaching out to the DEC prior to the addition of a new chemical at the plant.

On October 9, 2020 RCI staff performed an on-site follow-up Inspection of the facility. They completed the repairs/replacement of the diffusers and anchors on the empty SBR basin and ran a clean water test. The diffusers worked well with good air distribution. They were supplementing with ammonia in the SBR's preparing for the opening of the school. The school was open on a limited basis until next week which it will open for more students and longer hours. Bennet is scheduled to open some classes full-time.

The I&I is still good with only 24,000 GPD total flow after 2.5 inches of rain at the end of September. They made some more repairs on some cleanouts throughout town (under 10).

On November 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.

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**Facility: Chichester (NYCDEP)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Ashokan	NY0233943	Yes	No	Yes

**Comments**

None.

**Inspections**

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

On October 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.

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**Facility: Delhi**

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

**Comments**

None.

**Inspections**

On September 10, 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 delayed due to Covid 19.'  
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. Operator trying to get service staff in to diagnose issue with #3.'

On December 7, 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 and Saputo causing intermittent issues. Village working with industries to address. 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. Saputo having pretreatment issues that is causing plant non-compliance. Plant operators working on utilizing old tankage to capture these intermittent problematic flows. '

**SPDES Permit Exceedance(s)**

On July 31, 2020 DMR indicated a violation of PHOS 30 DAY AVG with a sample result of 0.16 mg/l exceeding the SPDES limit of 0.11 mg/l. High phosphorus loading from industries is the issue. They are working on pre-treatment upgrades to ameliorate. Fines issued by WWTP and Village of Delhi.

On July 31, 2020 DMR indicated a violation of TEMP with a sample result of 83 Deg F exceeding the SPDES limit of 70 Deg F. High industry feed temps the issue.

On August 31, 2020 DMR indicated a violation of TEMP with a sample result of 82 Deg F exceeding the SPDES limit of 70 Deg F. High industry feed temps and high ambient temps are the issue. Fines have been levied.

On August 31, 2020 DMR indicated a violation of TIME TURBIDITY with a sample result of 13305 Minutes exceeding the SPDES limit of 2160 Minutes. The issue here was the feed from Saputo. They were contacted and backed off on loading. They have been fined and Village is in consultation with EPA regarding action plan.

On September 30, 2020 DMR indicated a violation of TEMP with a sample result of 80 Deg F exceeding the SPDES limit of 70 Deg F. High industry feed temps and high ambient temps are the issue. Plant operator working on getting dischargers to reduce their temps.

On October 31, 2020 DMR indicated a violation of TEMP with a sample result of 75 Deg F exceeding the SPDES limit of 70 Deg F. High industry feed temps the issue, plant operator in discussion, fines levied.

On October 31, 2020 DMR indicated a violation of PHOS 30 DAY AVG with a sample result of 0.975 mg/l exceeding the SPDES limit of 0.11 mg/l. High loading from industries the cause, fines levied. Operator working with CARUS, coagulant supplier to see if alternate chemicals/application regimes can ameliorate the phosphorus issue.

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On November 30, 2020 DMR indicated a violation of TIME TURBIDITY with a sample result of 11667 Minutes exceeding the SPDES limit of 2160 Minutes. Saputo loading colloidal solids to WWTP the issue. They reduced loading when asked to do so. Operator hoping pre-treatment will work.

On November 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. High phosphorus loading from industries. Pre-treatment upgrades at both plants should help. Experiment with alternate coagulant not a success.

On November 30, 2020 DMR indicated a violation of TEMP with a sample result of 72 Deg F exceeding the SPDES limit of 70 Deg F. High temperature feed from the industries is the problem.

On December 31, 2020 DMR indicated a violation of PHOS 30 DAY AVG with a sample result of 0.14 mg/l exceeding the SPDES limit of 0.11 mg/l. High phosphorus loading from industries the cause, plant working with industries to lower the load.

On December 31, 2020 DMR indicated a violation of TIME TURBIDITY with a sample result of 8840 Minutes exceeding the SPDES limit of 2160 Minutes. High loading from industries the cause. Operator has made chemical dose adjustments to help ameliorate.

**Enforcements**

On December 15, 2020 RCI staff delivered a Verbal Warning for multiple temperature violations in the past few months.

**Miscellaneous**

On October 29, 2020 WECC meeting minutes: DEC stated facility's response to March 2020 NOV was satisfactory. DEC also reported challenges with Central Office regarding SPDES permit. DEP/DEC both acknowledged that Delhi may be able to meet permit but much depends on industrial users and their compliance with Delhi's influent agreements. DEC could not access DMR data, however DEP shared that there were four TP violations from March through August. DEC believes there are more since then. Therefore this facility will remain on agenda for next WECC.

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

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Pepacton	NY0099562	Yes	No	Yes

**Comments**

None.

**Inspections**

On August 27, 2020 RCI staff performed a Follow-up Inspection of the facility.

LVDV reached out to RCI Staff to discuss the budget report for Denver Sewer that he submitted to address the options for the replacement of the MF units. I told him I was involved with providing background operational information about the status of the present units. I also mentioned I was providing technical assistance to make the appropriate decision and that we leaning toward replacing the units with new ones and not the low pressure conversion option.

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

On December 11, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On July 31, 2020 DMR indicated a violation of TEMP with a sample result of 71.6 Deg F exceeding the SPDES limit of 70 Deg F.

On August 31, 2020 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 July 22, 2020 RCI staff received an email from Lamont engineers in reference to the failing old MF units.

On July 22, 2020 Lamont Engineers submitted a O & M report with three options for Capital replacement work needed in the near future on the MF units. The existing high pressure units are old and parts / membranes are no longer available.

The options are convert the existing units to low pressure, replace them with new low pressure units or convert the facility to an MBR process with a package MBR plant.

The report is attached.

On August 7, 2020 RCI staff attended an internal meeting with RUP group to review the proposal for capital replacement for the WWTP.

Reviewed the proposal sent from LVDV for the Denver Sewer WWTP. The options are to convert the existing units to low pressure, replace them with new low pressure units or convert the facility to an MBR process with a package MBR plant.

The proposal for the low pressure conversion was from 2009. It is too old and the cost back then was \$90,000 plus added electric, plumbing and chemical feed system work from other contractors. All the components need to be in top working condition prior to conversion. It also uses the old PLC, desktop computer, feed pumps, compressors, pneumatic control panel etc. In my opinion this option should not be considered for Denver Sewer but may be a viable option for Timberlake after the repairs that are scheduled for this season. The running time for the units at Timberlake is a fraction of Denver Sewer which is a plus.

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The manufacturer should be contacted to see if conversion is even an option at this time.

On November 23, 2020 RCI staff reached out to operator to let him know that the August 2020 DMR for showed an exceedance for temperature with a value of 71.6 degrees. Temperature exceedances happen periodically and there is no way to control it.

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**Facility: Elka Park Association**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Schoharie	NY0092991	Yes	No	Yes

**Comments**

None.

**Inspections**

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

On October 21, 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.

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On July 9, 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 increased with summer residents back in town. Rag loading significantly increased now, pumps deal with chopping up the rags and sending them down to the WWTP, but struggle and required constant service. Pumps need cleaning constantly in summer (11x in 1 week). Operator working diligently keeping lift station pumps operable thus preventing overflows. 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 no longer 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 October 28, 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 no longer in town. Rag loading significantly decreased now. Pumps no longer need cleaning constantly. Engineer still working on plan with operator to deal with the rags. Larger feed pumps also being looked at. Expired milk (6 gpd) being added to increase BOD load to aeration tanks.'

Item: 'B2. Influent channel' received a rating of Marginal with comments: 'OK, looks good. 25#/day soda ash being added.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

- Issued verbal warning and told operator he should preemptively jet problematic lines if possible. He noted that these blockages tend to accrue rapidly and it is very difficult to identify exactly which connection is delivering the wipes to the collection system since several laterals typically connect to a main sewer line between manholes thus targeting a specific entry point nearly impossible.

**Miscellaneous**

On July 20, 2020 RCI staff notified of spill in Fleischmann's WWTP collection system, operator took following action:

- Operator onsite 12:00 am after reported overflow at last manhole on Wagner Ave before lift station
- Overflow consisted of untreated wastewater, minimal solids which were held back by the manhole cover
- Operator called for jetter service which took a few hours due to late time
- Line cleared by 5am
- Blockage consisted of mainly sanitary wipes, a chronic issue every summer causing pump issues and periodic blockages
- No other remedial action taken.

On July 30, 2020 RCI staff received info re: new hookup.

On August 3, 2020 a Report of Noncompliance Event was filed with DEC/DEP, for an event(s) occurring on: 7/29/20, untreated wastewater spill, 10K gallons.

-Operator noted reduced flow to plant at 8 am 7/29/20 and then checked main lift station to see if that was issue, it was not. He then checked entire collection system and detected backup behind manhole in woods on stream bank next to Vly Creek at 10 am.



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- Operator called in jetter contractor (who was on another job at the time), jetter arrived 12:30 pm, set up and had line cleared by 1:30 pm. Blockage consisted essentially of sanitary wipes and grease. Additional lines adjacent to backup also cleared.
- The solids were held back by the manhole cover however approximately 55K gallons untreated wastewater was discharged to the uphill stream bank next to Vly Creek, an East Branch Delaware River tributary.
- The area adjacent to the spill was limed on 7/29/20 and again on 7/30/20. Public access to the spill area minimal since spill area is in a remote location.
- Issued verbal warning and told operator he should preemptively jet problematic lines if possible. He noted that these blockages tend to accrue rapidly and it is very difficult to identify exactly which connection is delivering the wipes to the collection system since several laterals typically connect to a main sewer line between manholes thus targeting a specific entry point nearly impossible.
- The operator has been in constant contact with the mayor and we also discussed code enforcement options.

On September 2, 2020 RCI staff were copied on DEP communication with village Paul,

DEP is waiting on the following items in order to complete its review and approval of the above subject project. 1. It is our understanding that on July 29, 2020 the Village of Fleischmanns requested that you submit a plan detail to address the capture and removal of sanitary rags that are generated from the property. That plan detail (proposed trash basket manhole) should be included within your revised plan submittal to DEP. 2. Please provide DEP with a copy of the Village of Fleischmanns sanitary sewer connection permit approval. Also, it should be noted that the new Library/Synagogue building foundation was constructed over the sanitary sewer force main from the existing facility pump station. Please provide information as to the proper operation of the pump station as the force main may have been damaged during construction. Any questions regarding the above please contact me by email as I am currently working remotely from home.

Thank you,  
Joe.

On October 16, 2020 RCI staff received revised response plan from village re: DEC NOV.

On October 20, 2020 DEP initiated an Enforcement Action.

On October 29, 2020 WECC meeting minutes: DEC reported that October 15, 2020 sanitary sewer maintenance and inspection report was received. DEC forwarded to DEP today. DEP and DEC will discuss report contents in upcoming weeks for follow-up with facility if necessary. At first glance report appears very generic. Overall concern is that the flushable wipes are not being addressed directly. Additionally, DEP reported that operator recently stated that they acquired a pump and hose so they are capable of pumping from manhole to manhole in event of another clog/overflow.

During monthly enforcement meeting it was determined to remove this project from next meeting, as DEC NOV was satisfied.

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**Facility: Friesland Campina - DOMO (Cooling Water)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0262838	Yes	No	Yes

**Comments**

None.

**Inspections**

On October 23, 2020 RCI staff performed a Semi-Annual Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On July 31, 2020 DMR indicated a violation of TEMP with a sample result of 72.9 Deg F exceeding the SPDES limit of 70 Deg F. Outfall upstream and downstream temperature monitoring showed no deleterious stream impact from temperature exceedance.

On August 31, 2020 DMR indicated a violation of TEMP with a sample result of 71 Deg F exceeding the SPDES limit of 70 Deg F. Outfall upstream and downstream temperature monitoring showed no deleterious stream impact from temperature exceedance.

On September 30, 2020 DMR indicated a violation of TEMP with a sample result of 70.6 Deg F exceeding the SPDES limit of 70 Deg F. Outfall upstream and downstream temperature monitoring showed no deleterious stream impact from temperature exceedance.

On November 30, 2020 DMR indicated a violation of PHOS DAILY MAX with a sample result of 0.205 mg/l exceeding the SPDES limit of 0.1 mg/l. There were no issues noted at plant or other problem parameters. Cooling water re-tested as a precaution.

**Enforcements**

None.

**Miscellaneous**

On October 29, 2020 WECC meeting minutes: Three temperature violations between February and August 2020. DEC didn't have access to their data to review during the meeting. Keep on for next WECC.

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**Facility: Grahamsville (NYCDEP)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Rondout	NY0026549	Yes	No	Yes

**Comments**

None.

**Inspections**

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

On December 9, 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)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Schoharie	NY0026565	Yes	No	Yes

**Comments**

None.

**Inspections**

On September 22, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 10, 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**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Pepacton	NY0249777	Yes	No	Yes

**Comments**

None.

**Inspections**

On September 23, 2020 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:  
Item: 'A7. Stand-By Power' received a rating of Marginal with comments: 'The generator fault light was on. The running hour meter showed 265.3 hours with 13.5 volts on the battery charger. Block heater was in service. The propane tank was 75% full. '.

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

**SPDES Permit Exceedance(s)**

On August 31, 2020 DMR indicated a violation of PH MIN with a sample result of 6.4 SU exceeding the SPDES limit of 6.5 SU.

**Enforcements**

None.

**Miscellaneous**

On August 5, 2020 a Report of Noncompliance Event was filed with DEC/DEP for an event occurring on 8/5/20. The pH was 6.4 which was below the SPDES limit of 6.5. The main operator was on vacation and the assistant did not add enough soda ash to the EQ tank. They adjusted the amount and tested it again and it was 6.6. RNCE is attached.

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**Facility: Hobart**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0029254	Yes	No	Yes

**Comments**

None.

**Inspections**

On July 17, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 19, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On August 31, 2020 DMR indicated a violation of CBOD5 % RMVD with a sample result of 80 % exceeding the SPDES limit of 85 %. Low BOD loading to facility was the cause, there was no BOD concentration violation however.

**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 18, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 20, 2020 RCI staff performed a Follow-up Inspection of the facility.

The operator stated the following in reference to the pump station overflow on September 8th:

We found the battery backup had a short in the battery side. For some reason half the unit shorted out. It's since been replaced and working as it should. An analog auto dialer is installed and working for influent pump station alarms. Turnkey is going to connect the SCADA computer/PLC to it in the future for additional alarm coverage should there be a fault with one of them.

On November 5, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 29, 2020 RCI staff performed a Follow-up Inspection of the influent pump station that overflowed on the 25th.

There was no evidence of contamination or continued overflow.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On August 3, 2020 RCI staff reached out to the operator during and after Hurricane Isaias to see how the WWTP operated and if there was any issues.

The Operator at Hunter Stated: "Influent flow was 231,000 GPD and they had 3.5 inches of rain. They did not lose power and all was well at the WWTP. They had the EQ tanks empty prior to the start of the storm. The Lift Side pump station did not have any issues keeping up with the flow either. The pumps were replaced a couple of years ago with high capacity ones.

.

On September 8, 2020 a Report of Noncompliance Event was filed with DEC/DEP, for an overflow that occurred yesterday into today. A malfunction with the PLC caused everything to shut down and the influent pump station to overflow. A bad battery backup system was found to be the cause of no dial up alarm and no restart of the equipment. RNCE is attached.

On December 25, 2020 a Report of Noncompliance Event was filed with DEC/DEP, for an event occurring on 12/25. A rain storm (4 to 5 inches) and snow melt caused an overflow at the WWTP influent pump station.

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**Facility: Kraft Dairy (Cooling Water)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0008494	Yes	No	Yes

**Comments**

None.

**Inspections**

On October 22, 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)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Pepacton	NY0104957	Yes	Yes	Yes

**Comments**

None.

**Inspections**

On August 31, 2020 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D2. Sand Filters' received a rating of Marginal with comments: 'Normal operations, one bed fully weeded, second bed not fully weeded. 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. '

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.'

On October 29, 2020 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D2. Sand Filters' received a rating of Marginal with comments: 'Orenco valves removed and stored indoors. Offline for the season. Normal operations, one bed fully weeded, second bed not fully weeded. 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. '

Item: 'D4. Micro filter' received a rating of Marginal with comments: 'Offline for the season. Microfilter displays hard to read, probably need replacement. Full service by PALL and a CIP 6/2020. New compressor on hand.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On July 6, 2020 RCI staff contacted plant operator regarding camp occupancy. There are no campers there yet however some staff is onsite. Plant tankage pumped out, microfilters serviced, and sand filter beds weeded per operator. Plant should be ready to operate.

On July 13, 2020 RCI staff were notified that plant is operating and discharging.

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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 July 6, 2020 RCI staff performed a Reconnaissance Inspection of the facility. There is no occupancy at the Camp now however it is apparent that some work is being done. No plant discharge or overflows noted.

On August 21, 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, needed calibration by outside vendor for 2020 season which was apparently not done. This should be done before the operating season, but given contractor service limitations due to coronavirus, it is understandable how calibration could be difficult.'

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.'

Item: 'E3. UV disinfection' received a rating of Unsatisfactory with comments: 'UV system not on even though plant was discharging. Although there is chlorine disinfection achieved in the CBUD filters, the UV system should also be functioning and it was not.'

On October 6, 2020 RCI staff performed a Reconnaissance Inspection of the facility. No overflows or occupancy noted.

On October 21, 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. Was inspected in 2020 per operator, however no inspection tag on device, operator to follow up.'

Item: 'A11. Turbidity Monitoring' received a rating of Unsatisfactory with comments: 'Meter last calibrated by plant staff on 6/8/19, needed calibration by outside vendor for 2020 season which was apparently not done. This should be done before the operating season, but given contractor service limitations due to coronavirus, it is understandable how calibration could be difficult. This was never done in 2020 and must be done spring 2021.'

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.'

Item: 'E3. UV disinfection' received a rating of Unsatisfactory with comments: 'UV system not on even though plant was discharging. Although there is chlorine disinfection achieved in the CBUD filters, the UV system should also be functioning and it was not. System to be rebuilt in spring/summer per operator.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

On September 11, 2020 RCI staff delivered a Verbal Warning re: UV system being down. This issue will probably not result in a SPDES violation as the WWTP has two separate disinfection systems, the UV system (which was intermittently operative this year per operator) and the chlorination system integral with the sand filter. The operator has indicated that the UV system will be rebuilt before next season operation.

On November 4, 2020 RCI staff delivered a Verbal Warning regarding no current calibration of turbidity meters, requested that it be done prior to startup of 2021 season.

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**Miscellaneous**

On July 6, 2020 RCI staff received email from operator indicating that plant is not yet discharging due to no camp occupancy.

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**Facility: Margaretville (NYCDEP)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Pepacton	NY0026531	Yes	No	Yes

**Comments**

None.

**Inspections**

On September 22, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 8, 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: Mountain View Estates**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Schoharie	NY0263052	Yes	No	Yes

**Comments**

None.

**Inspections**

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

On October 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.

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**Facility: Mountainside Farms Inc.**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Pepacton	NY0084590	Yes	No	Yes

**Comments**

None.

**Inspections**

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

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

**SPDES Permit Exceedance(s)**

On November 30, 2020 DMR indicated a violation of PHOS DAILY AVG with a sample result of 0.633 mg/l exceeding the SPDES limit of 0.5 mg/l.

A RNCE was filed and the operator stated that the date of exceedance was on November 4th and was caused by the dairy facility having their process boilers cleaned with phosphoric acid which they believe caused the elevated level of phosphorous. The operators increased the dosage of PAC to correct.

They reached out to the Dairy plant and requested to be notified in advance when they send anything new or send an increase of any waste to the WWTP.

On December 31, 2020 DMR indicated a violation of PHOS DAILY AVG with a sample result of 0.527 mg/l exceeding the SPDES limit of 0.5 mg/l.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Oh-Neh-Tah (Camp)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Schoharie	NY0205460	Yes	Yes	Yes

**Comments**

None.

**Inspections**

On September 14, 2020 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:  
Item: 'E5. Outfall Pipe' 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. '.

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

On December 29, 2020 RCI staff performed a Follow-up Inspection of the facility. The log book was checked and signed. The facility has not been used in years and is in recirculation mode. The operator goes on a regular basis to operate the equipment. The heat was on and photos were taken.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Olive Woods LLC. (Woodstock Percussion)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Ashokan	NY0098281	Yes	No	Yes

**Comments**

None.

**Inspections**

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

On October 9, 2020 RCI staff performed a Follow-up Inspection of the facility. Verified some of the calibration dates of the turbidity meter and back flow preventer.

The residual turbidity showed 0.044 NTU's. Outfall sign is in place & grass was cut on the sand filters.

MF skids had some issues in the last week. On 10/5 skid "A" tripped due to low air pressure even though the air was fine. Skid "B" tripped due to a UPS failure. Both were reset by the operator and can also be run on-hand in emergencies.

On November 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: Oorah Catskill Retreat**

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

**Comments**

None.

**Inspections**

On July 17, 2020 RCI staff performed a remote Reconnaissance Inspection of the facility. In the previous inspection the operator was asked to notify the DEP when the facility is discharging. The operator reached out to the DEP today and I requested some operational data.

The flow for the previous day was 5,424 gallons. MF unit "B" was in service with a TMP pressure of 4.7 psi and an effluent turbidity of 0.023 NTU's. The UV units showed 6.7, 8.0 & 11.7 mw/cm2.

On August 25, 2020 RCI staff performed a Follow-up Inspection of the facility. Obtained an update for Oorah WWTP from the operator, the owners requested a year round SPDES permit. We talked about the TDS and nitrates that are always an issue. Those parameters are monitoring and action levels not limits but still are a concern for the operator.

I was also informed that Oorah had a fire and the entire kitchen/cafeteria building burned down to the ground.

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

The facility is installing a double with trailer above the other two trailers on the entrance road to the WWTP. They are connecting the wastewater to the other influent pipe from the two existing trailers. They obtained a separate power supply to it.

On September 23, 2020 RCI staff performed a Follow-up Inspection of the facility.

Pump Running hour meters showed 66062.6 and 59049.4 hrs. The system is in summer mode.

The pump station generator showed 554.9 hrs. with 13.7 volts on charger. The main generator showed 4554.9 hrs.

The UV showed 14.0, 14.0 & 10.0 mW/cm2 with 7093, 7686 & 8216 running hours respectively.

Effluent turbidity was 0.021 NTU's. Meter was calibrated on 10/24/19. Flow meter was calibrated on 10/24/19 as well.

On October 22, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On September 30, 2020 DMR indicated a violation of TDS with a sample result of 560 mg/l exceeding the SPDES limit of 500 mg/l.

**Enforcements**

None.

**Miscellaneous**

On July 15, 2020 RCI staff received an email from DEC. Camp Oorah WWTP submitted a SPDES Permit Modification Application. They are requesting to change their permit from seasonal to year round. I reviewed the application that was forwarded to the DEC and researched the past five years of DEP and DMR data. I sent data reports to the DEC. The facility did not have any chronic violations of their SPDES parameters. Just two pH and one NH3 exceedance.

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They do have two action level and monitoring parameters that are listed. TDS and Nitrate limits are 500 mg/l and 10 mg/l respectively. There are exceedances of those parameters on almost every DMR that is submitted. DEC is aware of all this info now.

I reached out to DEP's RUP program manager by email to inform him about the added O&M cost that will be associated with the new permit if approved by the DEC.

The DEP and DMR data shows the facility is in compliance. The following is part of my response:

"I have attached a DEP lab sample report and the DMR report for the last 5 years, from our database, for your records. They did not have any chronic violations of their SPDES parameters. Just a couple of pH and one NH3 exceedance.

I do have a question about two action level and monitoring parameters that are listed. TDS and Nitrate limits are 500 mg/l and 10 mg/l respectively. There are exceedances of those parameters on almost every DMR that is submitted. There are no action explanations listed on the permit either. I just wanted to point that out. Is there any follow up procedure required from the operator after an exceedance?"

The facility had two previous permit modifications which were both for flow increases. In 2009 they were increased to 14,000 GPD and in 2011 they were increased to 25,000 GPD. As I remember, to meet the second flow increase the DEP added one rapid sand filter, one MF unit and one UV unit. The facility only made modifications to the valves supplying the recirculating sand filters. They switched the setup from being able to pump to 3 primary sand filter beds and having 3 reserve beds. The modifications enabled them to pump to each of the 6 beds separately and they labeled only one as the reserve bed. They had a leak in the liner of bed #3 and did repair it at that time, however the replacement sand was not correct and it clogged and the bed started to pond water. They finally changed the sand again prior to last season and it works fine now. The DEP forced them to complete the repairs prior to approving the construction of the 12 new bunk houses. The new units give them the ability to greatly increase the number of guests they can accommodate, however the reported flow for last season is still well below the limit.

Sorry about the long email but I just wanted to remind everyone of the history and how we are operating at this point.

Thanks.

On September 23, 2020 RCI staff attended a meeting.

Met with Lamont Engineers, facility representative and Andy Fisher at Oorah on 9/23/20 to walk the proposed site of the new Kitchen / Dormitory building. The old building burned to the ground and the debris is scheduled to be removed prior to the winter.

The details of the permanent storm water system was discussed as well as the connection to the existing WWTP collection system. I suggested to install another grease trap at the building to avoid clogging the line to the existing trap which is about 150 yards away. The grease would solidify in the pipes especially because they have the winter mode of operation where flow goes to a subsurface system. They may get a yearly permit approval in the future as well. Looked at some new preliminary design drawings. Photos were taken. .

On November 23, 2020 RCI staff reached out to operator to inform him about the September DMR that was submitted with a violation for TDS with a value of 560 mg/l. The SPDES limit is 500. They exceed this parameter on a regular basis, it is believed that the potable water source may have a high value. .

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**Facility: Pine Hill (NYCDEP)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Ashokan	NY0026557	Yes	No	Yes

**Comments**

None.

**Inspections**

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

On December 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: Prattsville**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Schoharie	NY0263028	Yes	No	Yes

**Comments**

None.

**Inspections**

On August 19, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On August 25, 2020 RCI staff contacted the operator to follow up on the inspection conducted last week. Obtained an update on the VFD's and the SBR control screen that were determined to not be functioning properly during the inspection. They received three new VFD's and installed them since then. The new SBR control panel screen is on site and will be replaced ASAP. They are still able to run the SBR's from the SCADA computer or in manual mode.

On November 30, 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: Richardson Hill Road Landfill**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0413008	Yes	No	Yes

**Comments**

None.

**Inspections**

On October 15, 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 July 3, 2020 RCI staff received data report.

On August 20, 2020 RCI staff received WET testing report.

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**Facility: Robert W. Harold Campus (BOCES)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0097446	Yes	No	Yes

**Comments**

None.

**Inspections**

On July 15, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 4, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On August 31, 2020 DMR indicated a violation of TURBIDITY with a sample result of 1.8 NTU exceeding the SPDES limit of 0.5 NTU. Not a violation, WaLIS SPDES limit adjusted up to 5.0, operator allowed 0.5 to 5.0 NTU for up to 2160 minutes/month.

**Enforcements**

None.

**Miscellaneous**

On July 28, 2020 RCI staff received info re: SCADA upgrade from operator, fwd. to DEP RUP Program.

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**Facility: Roxbury Lift Station**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Pepacton	RC0000008	Yes	No	No

**Comments**

None.

**Inspections**

On July 30, 2020 RCI staff performed a Reconnaissance Inspection of the facility. Generators have no alarms and are operational, 453 hours, 75% propane. EQ tank clean and ready for operation. Building and grounds well maintained. wet well at 2.7 feet, normal grease. Pumps fully operational, clean, 66065/57801 hours. 65 psi in force main, no leaks.

On October 29, 2020 RCI staff performed a Reconnaissance Inspection of the facility. No overflows noted in collection system Generator at 460.8 HRS, running at inspection, sounded good, no alarms. Pumps in good condition, 6735/5894 hrs. Average I&I, normal Q=25K/day, 2" rain =appx 35K/day. Backflow preventer inspected 3/4/20. Building and grounds OK. EQ tank clean and ready for use.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Saputo Foods USA LLC (Cooling Water)**

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

**Comments**

None.

**Inspections**

On October 16, 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 December 12, 2020, a failed joint in the 6" line conveying process waste from Saputo Foods and Friesland Campina-DOMO to the Village of Delhi WWTP occurred approximately 500' downstream from the Saputo dairy plant. This failure led to the discharge of approximately 12,000 gallons of partially treated process waste from Saputo Foods (dairy process waste) and Friesland Campina - DOMO (protein powder process waste). The flow emptied to a field but never reached and watershed watercourse. The owner of the pipeline, the Delaware County Industrial Development Agency notified DEC via the NY Alert system.

On 12/12/2020 at approximately 2 pm, Saputo was notified by the owner of the field of the leak. Saputo immediately ceased putting flow into the line and requested that Friesland Campina - DOMO do the same which they did. Saputo staff then requested that a contractor repair the damaged line. Line repairs were complete by 8pm on 12/12/2020 and flow was re-introduced to the line with no leaks. A more permanent line repair is planned for the immediate future at which point the line will be backfilled.

On 12/12/2020 at approximately 3:30 am, Saputo management was notified by overnight plant staff of the leak. Saputo managers immediately ceased putting flow into the line and requested that Friesland Campina - DOMO do the same which they did. Saputo staff then requested that a contractor repair the damaged line. Line repairs were complete by 6:30 am on 12/15/2020 and flow was re-introduced to the line with no leaks. A more permanent line repair is planned for the immediate future at which point the line will be backfilled.



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**Facility: Stamford**

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

**Comments**

None.

**Inspections**

On July 22, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

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

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On August 3, 2020 a Report of Noncompliance Event was filed with DEC/DEP, for an event(s) occurring on: 8/1/20. pH issue due to belt press, ameliorated.

On September 21, 2020 RCI staff notified of WWTP proposal to test a new coagulant  
Good Morning,

I have been in contact with our representative from SLACK Chemicals, about possibly doing a trial run of CarusULNR at our facility. This is a rare earth derived coagulant that is designed to remove phosphorus at extremely low levels. Attached you will find a letter outlining the details of the coagulant and trial as well as the information sheet from Carus and appropriate WTC forms for your approval. As stated in the letter, we believe that the addition of CarusUNLR will significantly reduce not only the amount of chemical added to our tertiary treatment sand filters but our sludge generation and chemical costs as a whole.

We are seeking your approval to move forward with this trial in an effort to determine the proper dosage, demonstrate overall cost savings and increase in efficiency of our process. Please do not hesitate to reach out with any questions or concerns.

Thanks.

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**Facility: Tannersville (NYCDEP)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Schoharie	NY0026573	Yes	No	Yes

**Comments**

None.

**Inspections**

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

On December 9, 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: Timber Lake (Camp)**

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

**Comments**

None.

**Inspections**

On July 9, 2020 RCI staff performed a Reconnaissance Inspection of the facility. All is well except for MF unit # 2 which needs a new PLC. Both units need feed pumps and one compressor needs a new drier. The desktop PC needs to be replaced as well. Photos were taken and are attached. .

On July 23, 2020 RCI staff performed a remote Follow-up Inspection of the facility. Obtained data from the operator now that they are discharging.

Flow was 3 GPM

The MF influent turbidity was 0.104 NTU's

The MF effluent turbidity was 0.089 NTU's

The MF TMP was 0.33 psi

Hours since the last CIP was 398 hrs.

The effluent UV was 100 %.

On September 10, 2020 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 operator has done a great job in pushing forward with many repairs and upgrades in a relatively short period of time. Since the last inspection he replaced the PLC for MF unit #1. A new desk top computer and program was purchased and is installed which runs the SCDA system. New VFD's are on order and should be on hand next week. They will be installed ASAP. The cooling fans in the old VFD's were faulty which was causing the feed pumps to trip. A new air dryer is on hand and will be installed next week. By the end of this season both units should be in good working condition. This is great news for the next camp season. '.

On October 23, 2020 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: 'A new desk top computer was purchased and is installed which runs the SCDA system. New VFD's were shipped but they were incorrect, they were 3 phase and the old units were single phase and had a built in phase inverter. The operator sent them back and is waiting for new ones to be shipped out. They will be installed over the winter. The cooling fans in the old VFD's were faulty which was causing the feed pumps to trip. The new air dryer for the compressor was installed. By next season both units should be in good working condition. '.

**SPDES Permit Exceedance(s)**

On August 31, 2020 DMR indicated a violation of TEMP with a sample result of 73.3 Deg F exceeding the SPDES limit of 70 Deg F.

**Enforcements**

None.

**Miscellaneous**

Timberlake provided quotes for repairs and low pressure MF conversion. Proposal is attached.

Timberlake operator provided quote for MF unit low pressure conversion.

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On July 8, 2020 RCI staff resolved the issues with the needed repairs and replacements for the MF units. Mike Meyers and staff agreed with my recommendations to make repairs to the following parts:

The facility is ordering and replacing the PLC for unit # 1, the outdated desktop computer to run both units, both MF feed pumps and a drier for one compressor. This will enable the operator to continue to use these units for this season and potentially a couple of more seasons. Some module membranes have leaks that can be pinned. The feed pumps, compressors and desktop computer will be kept and used for any new units and/ or low pressure conversion in the future. The PLC will be the only thing that may not be useable in the new applications. This was the fastest and least expensive way to stay operational while planning a change out/modification of the MF units in the very near future. Due to the age of the units, replacement membranes are not available anymore.

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

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

**Comments**

None.

**Inspections**

On August 21, 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. Price quote is in place and installation tentatively scheduled for 10/2020. Buildings in overall operable condition but original building showing wear, concrete stairs leading into need to be fixed. Lighting fixed. Ventilation fans now operable. Noted corrosion on ferrous metal in building due to this.'

Item: 'A4. Stand-By Power' received a rating of Marginal with comments: 'Service contract in place, motor deficiencies noted, need plan to address. Battery charger and block heater was in service. The running hour meter showed 1068 hrs. Unit test operates weekly with no issue however unit is showing its age. Given the criticality of the backup power system, it is imperative that the generator be maintained in the best possible manner.'

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 inoperable. Needs immediate repair.'

Item: 'A7. Influent Impact on operations' received a rating of Marginal with comments: 'Normal flows for off season. Collection system maintenance contract in place however cleaning schedule still unclear.'

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. Operator working on getting system password but callout functionality unaffected. No phone or data service, scheduled work not done.'

Item: 'E1. Disinfection' received a rating of Marginal with comments: 'System is not flow or concentration paced. Operable CL 17 analyzer would help fix this. Chlorine is being used and the concentration in the CBUDS normally 2-10 mg/l per operator.'

On November 16, 2020 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A5. Alarm Systems' received a rating of Marginal with comments: 'High tank levels, CL2, building temperature, flow, compressors, UPS power supplies alarmed to new SCADA system which will be controlled via HMI panel only. Discussed data storage through HMI panel. Phone lines and data service operational. Some minor work still outstanding.'

Item: 'A7. Influent Impact on operations' received a rating of Marginal with comments: 'Normal flows for off season. Collection system maintenance contract in place however cleaning schedule still unclear.'

Item: 'A10. SCADA and electronics' received a rating of Marginal with comments: 'Plant being run in batch cycle in hand mode typically so plant is running OK as it is. High tank levels, CL2, building temperature, flow, compressors, UPS power supplies alarmed to new SCADA system which will be controlled via HMI panel only. Discussed data storage through HMI panel. Phone lines and data service operational. Some minor work still outstanding.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

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On October 20, 2020 RCI staff delivered a Verbal Warning regarding lack of communication pertaining to NOV action items. Chief operator promised response by COB 10/20/20.

**Miscellaneous**

On July 6, 2020 RCI staff were copied on a communication to DEC from facility owner regarding the NOV compliance.

On July 27, 2020 RCI staff exchanged email communications with DEC. DEP informed DEC that their draft letter to owner regarding NOV items appears to cover all issues. DEC stated they would try to issue letter this week.

On July 27, 2020 RCI staff received email from DEC, containing an EPA letter addressing significant noncompliance with the facility. Specifically related to BOD and NH3. Owner is required to respond and DEC will forward the response to DEP once received.

On July 28, 2020 RCI staff received DEC's letter to owner regarding status of NOV issues that must be resolved immediately. Letter received via email.

On August 19, 2020 RCI staff were copied on email from DEC too facility owner requesting clarification on some outstanding issues.

On September 15, 2020 the DEP received a copy of DEC's facility inspection report.

On October 20, 2020 RCI staff requested update on outstanding NOV action items.

On October 20, 2020 DEP initiated an Enforcement Action.

On October 29, 2020 WECC meeting minutes; DEP reported that DEP/DEC joint inspection scheduled for 11/9/20 to check on items committed to be completed by facility, as required by DEC's NOV. These include SCADA, phone, high speed data access, HVAC, and aeration tank covers (DEC). DEP/NYC Law inquired/suggested perhaps this is the time for compliance conference/consent order based on history of owner. DEC will prepare draft referral to DEC attorney, under the assumption that items are not going to be completed by required timeframes, and the upcoming joint inspection will give first hand confirmation what remains outstanding.

Many unsatisfactory items have been or are in process of being resolved. Largest item that needs attention is covers over aeration basins. No DEP action necessary other than to keep in touch with operator on progress.

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**Facility: Walton**

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

**Comments**

None.

**Inspections**

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

On December 7, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On July 31, 2020 DMR indicated a violation of TEMP with a sample result of 78 Deg F exceeding the SPDES limit of 70 Deg F. Outfall river monitoring showed no deleterious effect to stream (West Branch Delaware).

On August 31, 2020 DMR indicated a violation of TEMP with a sample result of 77 Deg F exceeding the SPDES limit of 70 Deg F. Outfall river monitoring showed no deleterious effect to stream (West Branch Delaware).

On September 30, 2020 DMR indicated a violation of TEMP with a sample result of 75 Deg F exceeding the SPDES limit of 70 Deg F. Outfall river monitoring showed no deleterious effect to stream (West Branch Delaware).

On October 31, 2020 DMR indicated a violation of TEMP with a sample result of 72 Deg F exceeding the SPDES limit of 70 Deg F. Outfall river monitoring showed no deleterious effect to stream (West Branch Delaware).

On November 30, 2020 DMR indicated a violation of TIME TURBIDITY with a sample result of 2217 Minutes exceeding the SPDES limit of 2160 Minutes. Operator feels that Kraft was the cause and has requested notification of recently used chemicals at the Kraft plant. WWTP operators made adjustments where possible, system typically slow to respond, but it eventually worked.

On November 30, 2020 DMR indicated a violation of PH MIN with a sample result of 6.4 SU exceeding the SPDES limit of 6.5 SU. This was due to a short term cleaning issue at Kraft, quickly resolved.

On December 31, 2020 DMR indicated a violation of PH MIN with a sample result of 6.4 SU exceeding the SPDES limit of 6.5 SU. This was a very minor pH excursion of 0.1 pH units. Plant has been recent issues with Kraft and rapidly made process control adjustments to deal with this, no subsequent issues.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Windham**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal</b>	<b>Report Sent to Owner</b>
Schoharie	NY0262935	Yes	No	Yes

**Comments**

None.

**Inspections**

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

On December 1, 2020 RCI staff performed a Follow-up to the question if they have an I&I issue at the facility. I spoke with the operator from Windham WWTP on Tuesday the day after the 4 inches of rain. I wanted to verify the I&I. He said the flow for the previous day was not bad (.325 MGD.).

On December 7, 2020 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 29, 2020 RCI staff performed a Follow-up Inspection of the Hensonville pump station that overflowed on the 25th.

There was no evidence of contamination or continued overflow.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On September 17, 2020 RCI staff emailed the operators and informed them that the Crystal Pond Pump Station flow meter is not recording any flow to the WWTP.

On November 25, 2020 RCI staff reached out to Josh Vital to ask him about the DMR % removal exceedances that were reported for April and May 2020. The DOH asked the question if the facility has I & I issues due to the fact that the RNCE explained the influent was weak resulting in a low % removals. The DEP is awaiting a response from him.

On December 25, 2020 a Report of Noncompliance Event was filed with DEC/DEP, for an event occurring on 12/25. A rain storm (4 to 5 inches) and snow melt caused an overflow at the WWTP influent pump station.

Windham WWTP – Overflow at the manhole closest to the Hensonville pump station.

Started at 03:45 on the 25th and ended 10:45 on the 25th.

The operator reported the overflow to be 20 to 50 GPM estimated.

Flow through the WWTP was .40 MGD on the 24th and 1.2 MGD on the 25th.



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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 July 31, 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/backwash piping. New pipe has been ordered but membrane units showing signs of failure, cleaning is ineffective. Pall membrane units are considered as replacement. Cost proposal submitted to town of Carmel.'

On October 31, 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 rapidly deteriorating, 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/backwash piping. New pipe has been ordered but membrane units showing signs of failure, cleaning is ineffective. Pall membrane units are considered as replacement. Cost proposal submitted to town of Carmel.'

**SPDES Permit Exceedance(s)**

None

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Clear Pool Camp**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
West Branch	NY0098621	Yes	No	Yes

**Comments**

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

**Inspections**

On September 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.'

On December 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.

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

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Croton Falls	NY0165719	Yes	No	Yes

**Comments**

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

**Inspections**

On September 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, needs repair. Trees within facility security fence should be trimmed/cut down to eliminate debris in microfilter feed well. Remote inspection due to COVID-19 guidelines.'

Item: 'A2. Flow Metering' received a rating of Marginal with comments: 'Final effluent reading includes RSF BW reject and EQ flow meter, replaced August 2020.'

Item: 'E1. Disinfection U/V' received a rating of Marginal with comments: 'UV 810 - 7.6 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.'

On December 31, 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, needs repair. Trees within facility security fence should be trimmed/cut down to eliminate debris in microfilter feed well. Remote inspection due to COVID-19 guidelines.'

Item: 'A2. Flow Metering' received a rating of Marginal with comments: 'Final effluent reading includes RSF BW reject and EQ flow meter, replaced August 2020. ACS retained for calibration and influent flow meter repairs.'

Item: 'E1. Disinfection U/V' received a rating of Marginal with comments: '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.

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**Facility: Kent Manor Condominiums**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Croton Falls	NY0207322	Yes	No	Yes

**Comments**

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

**Inspections**

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

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

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Lewisboro Elementary School**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cross River	NY0036684	Yes	No	Yes

**Comments**

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 September 30, 2020, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A5. Stand-by Power' received a rating of Marginal with comments: 'Inoperable, using portable. Generator used liquid propane, converting to vapor, inoperable.'

On November 30, 2020, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A5. Stand-by Power' received a rating of Marginal with comments: 'Inoperable, using portable. Generator used liquid propane, converting to vapor, inoperable.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**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 September 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 sludge 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 December 31, 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 sludge pumps room observed. Facility upgrade going to design stage.'

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, 2020, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 78 °F, exceeding the SPDES limit of 70 °F.

On August 31, 2020, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 77 °F, exceeding the SPDES limit of 70 °F.

On September 30, 2020, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 74 °F, exceeding the SPDES limit of 70 °F.

A Report of Noncompliance Event was filed with DEC/DEP 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.

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**Facility: Meadows at Cross River Condominiums**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cross River	NY0099520	Yes	No	Yes

**Comments**

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

**Inspections**

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

On December 31, 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  
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March 2021

**Facility: Michelle Estates Realty Subdivision**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cross River	NY0214841	Yes	No	Yes

**Comments**

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

**Inspections**

On July 31, 2020, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 31, 2020, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.



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**Facility: North Castle and Harrison Pump Stations**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Kensico	RC0000002	Yes	No	No

**Comments**

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 third and fourth 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.

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**Facility: Waccabuc Country Club**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cross River	NY0105708	Yes	No	Yes

**Comments**

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

**Inspections**

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

On November 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  
March 2021

**Facility: West Lake Sewer Extension**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Kensico	RC0000001	Yes	No	No

**Comments**

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 third and fourth quarter of 2020 in conjunction with regularly scheduled stormwater 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.