

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

**Wastewater Treatment Plant Compliance Inspection Reports
Summary – 1st and 2nd quarter 2015**

August 2015

*Prepared in accordance with Section 6.2 of the NYSDOH
Revised 2007 Filtration Avoidance Determination*



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Introduction

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

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

Inspection Program Goals

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

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

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

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

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Inspection Program Structure

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

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

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

Compliance Inspection Report Content

This report meets the requirements of Filtration Avoidance Determination for the first and second quarter of 2015. Included in the Deliverable are the Compliance Inspection summaries for each facility in the Catskill/Delaware and Croton Watershed that was inspected. Each Compliance Inspection summary contains the following: 1) Facility name and SPDES Permit Number, 2) General Comments, 3) Inspection dates and findings, 4) SPDES permit exceedances/violations, 5) Enforcement actions by DEP, and 6) Miscellaneous items.

There are also industrial facilities or groundwater remediation systems that are either no longer discharging to surface waters, or are groundwater remediation sites, which are closed in accordance with the NYSDEC. These sites continue to be monitored via the national Permit Compliance System (PCS System). These facilities have surface water discharge permits; however they are not inspected routinely nor reported on because of the lack of activity. In the event that any discharge is reported, or observed during DEP informal site visits, regular inspections will be initiated at such facilities.

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Facility: Andes (T) WWTP

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

Comments

None.

Inspections

On March 24, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 2, 2015, 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: Ashland

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

Comments

None.

Inspections

On March 4, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 20, 2015, 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 (v) WWTP

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

Comments

The facility employs a sequential batch reactor (SBR), a dual-tank, flow through process that integrates sedimentation, aeration, decant and sludge thickening all within one process. The facility experienced difficulty during the settling stage of the process; solids loss led to violations of the SPDES permit limitations for ammonia. The DEP worked closely with the facility operator to troubleshoot the physical and operational parameters that led to this condition. We identified several possible causes for poor settling, including organic overload, flow and interval sequence, temperature, dissolved oxygen concentrations or inadequate reactor capacity. The Town commissioned Phil Smith, formerly NYSDEC Facility Operations Assistance Section, to analyze data and identify the potential cause of the solids loss. The operator inspected the collection system to identify and mitigate sources of infiltration and inflow (I&I). The plant performed microscopic analysis of the aerobic bacteria and conducted a sampling profile, including TKN and Nitrate testing, during each SBR cycle to establish proper timing and a suitable solids inventory to optimize nitrification. Data was submitted for all operating seasons; Mr. Smith produced a written recommendation for long term optimization of the SBR. The facility has hired a new chief operator; he has been more proactive with process control. The plant self-monitoring data and DEP laboratory data indicates full compliance with all SPDES parameters since the last recorded ammonia violation in April 2015.

Inspections

On January 20, 2015, staff performed a Reconnaissance Inspection of the facility. The facility experiences settling and foam issues during the cold winter months. Adjustments should be made to the process to minimize solids loss.

On March 18, 2015, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A7. Influent Impact on Operations' received a rating of Marginal with comments: 'The facility is having I & I issues during heavy rain events. The Onteora H.S. will submit flow readings monthly.'

Item: 'D1. SBR's' received a rating of Marginal with comments: 'Both SBR's are in service. There is a foam issue and solids are not settling well. The operators have not yet received a report or any results from the consultant that was hired to investigate the poor settling at the facility.'

Item: 'F4. Plate & Frame Press' received a rating of Marginal with comments: 'They are waiting for Andritz to come and run the press unit. The operator is struggling to achieve the percent solids concentration required for discharge to landfill. The operators were informed that Andritz would not come out until the balance of the sand filter repairs is paid.'

Item: 'F5. Sludge Disposal' received a rating of Unsatisfactory with comments: 'The landfill has refused to take the solids from the facility anymore because the last few shipments they received were too wet. The roll-off container / hauler company stated that they can only put two press runs in the container before having to haul it due to the added weight from the water.'

On April 9, 2015, staff performed a Follow-up Inspection of the facility. The operations consultant, Phil Smith, was on location to get the last data needed to prepare the final report about the settling issues. The facility will contact an alternate chemical supplier to conduct jar testing to resolve settling issues. A conference will be scheduled once the report is submitted.

On May 7, 2015, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A7. Influent Impact on Operations' received a rating of Marginal with comments: 'The facility is having I & I issues during heavy rain events. A recent Ammonia exceedance on March 11th (7.05 mg/l) was determined to be caused by high flows for a three day period on March 10th, 11th and 12th with flows of 42,000, 59,000 and 53,000 GPD respectively. The influent temperature was very low also (8 degrees C). The added flow and low temperatures reduced the MLSS by dilution and reduced the retention time in the SBR tanks. The Town should contact home owners and businesses that may be using sump pumps during snow melts and heavy rain events. The operators are starting to investigate possible I & I sources by inspecting the collection system during rain events and overnight when baseline flows are at a minimum to establish a rainfall induced I&I flow.'

Item: 'D1. SBR's' received a rating of Marginal with comments: 'Both SBR's are in service. There is a foam issue and the units and the operators have been adding foam busters to reduce the level in the tanks. It has been determined that it is not caused by Nocardia but most likely from fat, oil and grease (FOG). The Town should enforce grease trap pump outs at commercial buildings. The units are still settling slow and the operators have been adding seed sludge and supplemental nitrification bacteria.'

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Facility: Boiceville (v) WWTP (continued)

They have been increased the MLSS with a target of 1800 mg/l. An ammonia exceedance on April 8th (10.1 mg/l) was due to the MLSS being too low in the SBR tanks. They are reducing the amount of poly-aluminum chloride (PAC) and relocated the injection point to the SBR influent pipe for improved mixing. Phil Smith has issued an updated corrective action plan for the facility.'

Item: 'F4. Plate & Frame Press' received a rating of Marginal with comments: 'They are waiting for Andritz to come and run the press unit. The operator has struggled to achieve the percent solids concentration required for discharge to landfill; they have gotten some better results lately. The operators were informed that Andritz would not come out until the balance of the sand filter repairs is paid. The Town is still waiting for the FEMA money for the repairs.'

Item: 'F5. Sludge Disposal' received a rating of Unsatisfactory with comments: 'They are now hauling liquid sludge. The landfill has refused to take dewatered solids from the facility because the last few shipments they received were too wet. The roll off container/hauler company stated that they can only put two press runs in the container before having to haul it due to the added weight from the water. The facility has a full container on site now. Hauling liquid sludge is an acceptable practice.'

SPDES Permit Exceedance(s)

On January 1, 2015, a DMR monitoring result indicated a violation of PHOS 30 DAY AVG with a sample result of 3.0 mg/l, exceeding the SPDES limit of 0.5 mg/l. A report of noncompliance event was filed with DEC/DEP. The operator made a chemical feed adjustment.

On March 1, 2015, a DMR monitoring result indicated a violation of NH3 WINTER DAILY MAX with a sample result of 9.0 mg/l, exceeding the SPDES limit of 2.2 mg/l.

On April 1, 2015, a DMR monitoring result indicated a violation of NH3 WINTER DAILY MAX with a sample result of 11.0 mg/l, exceeding the SPDES limit of 2.2 mg/l.

DEP laboratory samples contravened the SPDES limit of 2.2 mg/l for NH3 WINTER DAILY MAX on the following dates: January 7, 2015 – 3.35 mg/l; March 11, 2015 – 7.05 mg/l; April 8, 2015 – 10.1 mg/l.

Plant self-monitoring and DEP laboratory readings for ammonia have been addressed. All remaining wet chemistry and bacteriological values for the period are in compliance with SPDES parameters.

Enforcements

On May 7, 2015, a Compliance Conference was held at the facility between DEP, the operations consultant and representatives from the contract operator, LVDV. The chief operator recently resigned. The new operator has been proactive with making process adjustments to improve plant performance. The final corrective action plan was presented. Priority recommendations were to maintain MLSS at a higher level (1800 mg/l), enhance organic load with seed sludge and adding supplemental nitrification bacteria, reduce PAC and revise injection point for improved mixing and reduce soda ash and magnesium hydroxide; there is sufficient alkalinity in the wastestream. They will begin to reduce the dose slowly on one chemical at a time. I & I remains an issue that should be addressed by the Town. The foam on the SBR tanks is caused by FOG, not Nocardia. They started to add a chemical called Foam Buster to eliminate this condition. The Town should oversee grease trap pump outs at commercial buildings.

Miscellaneous

DEP has worked with the facility operator to locate sources of I&I. The plant has not exceeded its permitted 30-day flow rate of 75,000 gpd but the hydraulic surges during rain events have caused settling issues within the SBR. DEP identified manholes at three stream crossings but did not witness any abnormalities during rainfall.

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Facility: Chichester (H) SSTS

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

Comments

None.

Inspections

On March 30, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 27, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

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

Miscellaneous

None.

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Facility: Delaware BOCES (Robert W. Harold Campus) WWTP

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

Comments

None.

Inspections

On March 26, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 29, 2015, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'F1. Aerated Sludge Holding Tank' received a rating of Marginal with comments: 'New level transducer. Working well, pumped as needed. Decanted as required, pumped 7,000 gallons 6/23/2015. Broken valve will be repaired. Operator controls flow by removing pump to prevent siphoning, good idea.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

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Facility: Delhi (V) WWTP

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

Comments

None.

Inspections

On February 18, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 30, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On April 1, 2015, a DMR monitoring result indicated a violation of PHOS 30 DAY AVG with a sample result of 0.145 mg/l, exceeding the SPDES limit of 0.11 mg/l.

On May 1, 2015, a DMR monitoring result indicated a violation of PHOS 30 DAY AVG with a sample result of 0.126 mg/l, exceeding the SPDES limit of 0.11 mg/l.

Samples from an industrial discharger, Friesland Campina – DOMO, show that they were discharging much higher than normal levels of TP to the plant during the spring. Friesland Campina – DOMO normally discharge 6-8 ppm, but readings during the affected period reached as high as 13.9 ppm. The WWTP responded by slowly increasing PAC feed to avoid any impact the coagulant would have on the downstream filtration units. The operator will conduct in-house testing of the combined influent, each industrial discharger, our clarifier effluent and the final effluent every day to ensure compliance. All remaining wet chemistry and bacteriological values were in compliance with SPDES parameters.

Enforcements

A sewage overflow was reported on February 16, 2015 at 5:30 am. The operator immediately responded to the event, jetted the line and cleared the blockage. The overflow was relatively small and froze immediately before reaching a nearby catch basin; it did not impact water quality. The catch basin outputs to a constructed wetland before reaching the river. The operator notified NYSDEC via phone and fax once the line was cleared. The operator was reminded of his obligation to notify DEP in the event of wastewater spills and overflows in addition to DEC notification. This location is susceptible to roots growing into the wastewater collection system causing blockages. A long term solution is being planned which will include inserting a sleeve in the troublesome area when collection system repairs are performed in the spring.

DEP staff received an update on March 13, 2015 regarding collection system maintenance from the aforementioned spill. The sewer line was cleared of roots and inspected via CCTV with the intention of installing interior pipe liners at the joints that show root intrusion. The Village may consider removing trees that are located within a few feet of the shallow section of the sewer line. An update to this repair will be provided within the ensuing semi-annual FAD deliverable.

Miscellaneous

On March 12, 2015, staff provided technical assistance to the facility. Assistance included helping WWTP operations staff set up and enter overflow information into the NY-Alert system.

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Facility: Elka Park WWTP

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

Comments

None.

Inspections

On March 13, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 7, 2015, 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 (V) WWTP

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

Comments

None.

Inspections

On January 15, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 28, 2015, 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: Friesland Campina - DOMO (Cooling Water)

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

Comments

None.

Inspections

On June 8, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On January 1, 2015, a DMR monitoring result indicated a violation of PHOS DAILY MAX with a sample result of 0.293 mg/l exceeding the SPDES limit of 0.1 mg/l.

On January 1, 2015, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 72 degrees Fahrenheit, exceeding the SPDES limit of 70 degrees Fahrenheit. The problem was a drop in plant water pressure which resulted in the temperature Exceedance.

On May 1, 2015, a DMR monitoring result indicated a violation of PHOS DAILY MAX with a sample result of 0.293 mg/l exceeding the SPDES limit of 0.1 mg/l.

The facility submitted an excursion report to explain the aforementioned Total Phosphorus violations. The following chemicals are used for cleaning and pH adjustment: Hydrochloric Acid, Sulfuric Acid, Citric Acid, Sodium Hydroxide. This eliminates the possibility of phosphorous being introduced to the non-contact cooling water through leaking heat exchangers or equipment pipes. The only potential source of phosphorous is the raw material, which is a protein powder. This raw material has a low phosphorous content, but assuming that enough protein was released to cause an increased phosphorous reading, this would have caused a simultaneous spike in BOD, but the sample taken for BOD from the same sample point on the same day showed a reading of <3 (which is normal). It is likely the phosphorous source was not the raw material. This information, taken in its aggregate, along with the May reading, which is ten times the normal reading, leads the facility to believe that the root cause of the high reading was a lab-testing error.

Enforcements

None.

Miscellaneous

This permitted discharge is for the cooling water only. It is not related to the industrial pre-treatment facility for their process water.

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Facility: Grahamsville (V) WWTP

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

Comments

None.

Inspections

On March 24, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 21, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

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

Miscellaneous

None.

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Facility: Grand Gorge (V) WWTP

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

Comments

None.

Inspections

On January 7, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 18, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On June 1, 2015, a DMR monitoring result indicated a violation of PHOS 30 DAY AVG with a sample result of 0.39 mg/l, exceeding the SPDES limit of 0.2 mg/l. A Report of Noncompliance Event was filed with DEC/DEP. One secondary clarifier was off-line leading to the high phosphorous levels. The unit has been restored. All remaining wet chemistry and bacteriological values for the period are in compliance with SPDES parameters.

Enforcements

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

Miscellaneous

None.

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Facility: Hanah Country Club WWTP

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

Comments

None.

Inspections

On March 11, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 12, 2015, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D1. Aerated E.Q. Tank' received a rating of Unsatisfactory with comments: 'Air was off to the EQ tank and it smelled as if it has been off for some time. The operator had an entry in the log book that he replaced the fuses on the blower motor and they burned out right away. There is an issue with the motor that needs to be addressed. In a follow up phone conversation with the operator on 05/21/2015, he stated that there were still issues and he was going there that day to try to change the fuses again. If it still does not work, they are going to replace the motor or have it rebuilt.'

SPDES Permit Exceedance(s)

On June 1, 2015, the DMR omitted readings for TSS 30 DAY AVG and PHOS 30 DAY AVG. A Report of Noncompliance Event was filed with DEC/DEP, for not having a Phosphorous and TSS analysis done for the second quarter of 2015.

Enforcements

None.

Miscellaneous

On May 28, 2015, staff received an email from the operator in reference to the blowers being out of service at the facility. An electrician repaired the blower on May, 22, 2015.

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Facility: Hobart (V) WWTP

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

Comments

None.

Inspections

On March 25, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 11, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

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Facility: Hunter (V) WWTP

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

Comments

None.

Inspections

On March 31, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 22, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

The Town of Hunter has issued a moratorium for subdivisions.

On April 8, 2015, staff received an update from the operator at the facility about the added backwash flow from the drinking water plant. The water plant operator has reduced the duration and flow during backwashes at the plant and is responding quicker now during alarms. This has helped during the high flow weekends for the ski season and summer music festivals.

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Facility: Hunter Highlands WWTP

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

Comments

None.

Inspections

On February 10, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 30, 2015, 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: Kraft Dairy (Cooling Water)

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

Comments

None.

Inspections

On June 17, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

This permitted discharge is for the cooling water only. It is not related to the industrial pre-treatment facility for their process water.

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Facility: L'man Achai (Camp) WWTP

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

Comments

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

Inspections

On June 10, 2015, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A4. Stand-By Power' received a rating of Marginal with comments: 'Generator service scheduled for June 2015. Last service date unknown, heaters not on, batteries need to be replaced (current ones from August 2006), tested weekly automatically, monthly under load. Unit should be serviced annually.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On May 4, 2015, NYSDEC staff issued a letter to the facility owner as a reminder that the WWTP must be staffed by a licensed operator while the facility is operating.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Machne Tashbar (seasonal camp)

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

Comments

None.

Inspections

On June 22, 2015, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'A4. Stand by power' received a rating of Unsatisfactory with comments: 'Unit is not operational. Needs battery and service as soon as possible. 501.8 hours (same as last year), batteries dead, heater appears to be leaking. Should run automatically once/week. Propane fuel refilled automatically by supplier. Operator stated that he will have generator serviced now.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On May 4, 2015, NYSDEC staff issued a letter to the facility owner as a reminder that the WWTP must be staffed by a licensed operator while the facility is operating.

On July 2, 2015, Kinsley Power Systems was onsite to make all necessary repairs to the auxiliary power supply.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Margaretville (V) WWTP

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

Comments

None.

Inspections

On March 26, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 8, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

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

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Mountain View Estates

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

Comments

None.

Inspections

On March 31, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 27, 2015, 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
August 2015

Facility: Mountainside Farms-Worcester Creameries (Lagoon)

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

Comments

The new WWTP is on line and processing all flow from the dairy. Operation and maintenance appear satisfactory and the plant is in substantial compliance with its final SPDES permit requirements. This is a sub-surface discharge and many of the parameters are monitor only.

Inspections

On March 11, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 26, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

The facility is currently under a DEC consent order; a full plant modification is complete, as required by the order.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Oh-Neh-Tah (Camp) WWTP

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

Comments

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

The camp will not open during the summer season due to new owners and directors who want to renovate all cabins and bathrooms. A new collection system for the entire camp was added during the facility upgrade at the camps expense.

Inspections

On January 21, 2015, staff performed a Reconnaissance Inspection of the facility. All items inspected were found to be satisfactory.

On May 22, 2015, staff performed a Reconnaissance Inspection of the facility. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On May 4, 2015, NYSDEC staff issued a letter to the facility owner as a reminder that the WWTP must be staffed by a licensed operator while the facility is operating.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Olive Woods (Woodstock Percussion) WWTP

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

Comments

None.

Inspections

On March 18, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 14, 2015, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A4. Stand-By Power' received a rating of Marginal with comments: 'The back-up generator is out of service. They are waiting for a part to be delivered. There is enough capacity in the influent pump station to provide some factor of safety during a power outage.'

On June 16, 2015, staff performed a Reconnaissance Inspection of the facility. All of the WWTP interior tanks look good with no color, turbidity or odor issues.

SPDES Permit Exceedance(s)

None.

Enforcements

On June 12, 2015, staff performed a Follow-up Inspection of the facility after the DEP laboratory notified us of an odd looking sample they obtained. Operations and maintenance of the WWTP appeared satisfactory, no abnormal conditions observed.

On June 16, 2015, staff received results from the DEP laboratory for the aforementioned sample. The TSS reading was 21.4 mg/l and Turbidity was 60 NTU. A re-sample was collected on June 17, 2015, all wet chemistry and bacteriological parameters were in compliance with SPDES parameters.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Oorah Camp (former Golden Acres Farms (#001)) WWTP

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

Comments

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

Inspections

On June 9, 2015, 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: 'Two broken PVC conduit pipes were noticed outside the side door entrance to the facility. One carries a signal cable and the other carries a power supply. They need to be repaired, water is entering the conduit. There was a rusted chimney cover for the heating system on the ground. It fell off the chimney pipe that penetrates the wall of the building. The pipe is rusted back to the building wall which can possibly cause a fire or let exhaust gas leak back into the wall and building.'

Item: 'B1. Pump Station' received a rating of Unsatisfactory with comments: 'The interconnection from the pump station to the Party City sub-surface system was made without the DEP being notified. No inspections were made during the construction. Lamont Engineers were notified by email. There was no flow through the system at the time of the inspection. This was a pre-season inspection. The generator showed 445.0 running hours. The pump running hour meters showed 4271.16 and 3543.35 hours on pumps # 1 and # 2 respectively.'

SPDES Permit Exceedance(s)

On June 1, 2015, a DMR monitoring result indicated a violation of NH3 DAILY MAX with a sample result of 1.56 mg/l, exceeding the SPDES limit of 1.5 mg/l. The elevated reading was likely the result of start-up of the facility. Physical and biological factors impact the growth of nitrifying bacteria within the recirculating sand filters.

On June 1, 2015, a DMR monitoring result indicated a violation of TDS with a sample result of 560 mg/l, exceeding the SPDES limit of 500 mg/l. The operator believes the Elevated reading is the result of the ion exchange vessel as part of the ammonia removal process.

On June 1, 2015, a DMR monitoring result indicated a violation of NITRATE DAILY MAX with a sample result of 19.4 mg/l, exceeding the SPDES limit of 10 mg/l. The elevated reading was likely the result of start-up of the facility. Physical and biological factors impact the growth of nitrifying bacteria within the recirculating sand filters.

On June 1, 2015, a DMR monitoring result indicated a violation of PH MIN with a sample result of 6.0 S.U., below the SPDES minimum of 6.5 S.U. The elevated reading was likely the result of start-up of the facility.

If levels higher than the action levels are confirmed, the SPDES permit may be reopened by the NYSDEC for consideration of revised action levels or effluent limits. There did not appear to be any mechanical or process control abnormalities that could have led to these elevated readings. All remaining wet chemistry and bacteriological values for the period demonstrate no upset within the biological process. DEP laboratory data indicates full compliance with all SPDES parameters.

Enforcements

None.

Miscellaneous

On May 4, 2015, NYSDEC staff issued a letter to the facility owner as a reminder that the WWTP must be staffed by a licensed operator while the facility is operating.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Pine Hill (V) WWTP

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

Comments

None.

Inspections

On March 24, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 27, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

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

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Prattsville (v) WWTP

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

Comments

None.

Inspections

On March 27, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 9, 2015, 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
August 2015

Facility: Richardson Hill Road Landfill

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

Comments

None.

Inspections

On June 29, 2015, 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
August 2015

Facility: Roxbury Lift Station

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

Comments

None.

Inspections

On June 9, 2015, staff performed a Reconnaissance Inspection of the facility. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Roxbury Run Village WWTP

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

Comments

None.

Inspections

On March 11, 2015, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A9. Flow Metering' received a rating of Marginal with comments: 'An estimate has been received for a new flow meter and chart recorder for the influent building. This location is the least expensive and easiest location to install a new unit. The estimate was about six thousand dollars. The operators are waiting for approval from the Town to order the equipment.'

Item: 'B3. Comminutor' received a rating of Marginal with comments: 'Does not work well and is on stand-by.'

Item: 'D6. Micro Filtration' received a rating of Marginal with comments: 'They were conducting a CIP on unit # 1. This is the second one they have done recently. The last one did not reduce the TMP. The operator stated that the CIP chemical does not get very hot during the cycle. I stated that these units have had that problem in the past and the previous operator changed the heating elements and they still did not work very well. They may be under sized for the volume of liquid in the tank. I mentioned the option of using a manual fill from the hot water heater which is located right next to the units. The operator should check the O&M manual for the desired temperature needed for the CIP. They also have added a valve in the drain line for the units so the CIP chemical can be drained to the waste tank.'

Item: 'E2. Dechlorination' received a rating of Marginal with comments: 'The de-chlorination pump should be repaired; it needs a new check valve. The feed line is clogged and the operators are using tablet dechlorination at the post air tank. This was the method used prior to the upgrade and addition of the liquid de-chlorination system. Unfortunately the chemical feed line is buried and has a tendency to clog at low temperatures even with the heat trace.'

On May 12, 2015, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A9. Flow Metering' received a rating of Marginal with comments: 'An estimate has been received for a new flow meter and chart recorder for the influent building. This location is the least expensive and easiest location to install a new unit. The estimate was about six thousand dollars. The operators are waiting for approval from the Town to order the equipment. The operators have been entering the value for effluent flow on the DMR's which is listed as influent. In lieu of installing an influent flow meter, a request can be made to the NYSDEC to possibly modify the SPDES permit to show effluent flow. There should be a chart recorder installed to receive a signal from the MF units to continuously record the flow which is also required by the SPDES Permit unless the DEC considers that the computer tracking is equivalent.'

Item: 'B3. Comminutor' received a rating of Marginal with comments: 'Does not work well and is on stand-by.'

Item: 'D6. Micro Filtration' received a rating of Marginal with comments: 'The # 2 skid is out of service due to a broken PVC connection on the backwash line. They bypassed the connection to the common backwash line to keep the # 1 unit working. A manifold broke recently on the # 1 unit and was replaced, however, there is still a leak on one of the filter blocks on that same unit. They will repair that after the # 2 unit is back in service. They are waiting for a PVC wye that is on order. They also need to conduct a CIP on the # 2 unit after it goes back into service. There is 1,484 running hours on it since the last CIP. The # 1 unit has 231 running hours since the last CIP.'

Item: 'E1. Disinfection' received a rating of Marginal with comments: 'The chlorine pumps are on continuously now due to a malfunction with the signal from the MF units that activate both the chlorine and de-chlor pumps. The chlorine concentration is tested with grab samples on a daily basis to satisfy the SPDES permit requirements.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Saputo Foods Non-Contact Cooling Water

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

Comments

None.

Inspections

On June 8, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

This facility was formerly known as Morningstar/Ultra Dairy Non-Contact Cooling Water.

This permitted discharge is for the cooling water only. It is not related to the industrial pre-treatment facility for their process water.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Stamford (V) WWTP

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

Comments

None.

Inspections

On March 25, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 11, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

On March 19, 2015, staff was notified of a leak of partially treated wastewater at the WWTP due to a pump failure. The estimated overflow was ~200 gallons. The operator rectified issue immediately, the impacted area was cleaned and the spill was contained. The wastewater did not reach a watercourse and did not impact water quality. A Report of Noncompliance Event was filed with the NYSDEC.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Tannersville (V) WWTP

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

Comments

None.

Inspections

On January 6, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 21, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

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

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Timber Lake (Camp) WWTP

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

Comments

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

Inspections

On June 11, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On May 4, 2015, NYSDEC staff issued a letter to the facility owner as a reminder that the WWTP must be staffed by a licensed operator while the facility is operating.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Walton (V) WWTP

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

Comments

None.

Inspections

On February 23, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 17, 2015, 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
August 2015

Facility: Windham (T) WWTP

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

Comments

None.

Inspections

On February 23, 2015, staff performed a Reconnaissance Inspection of the Windham Ridge collection system and metering manhole. The meter is not working properly at the present time and is reading in cubic feet per second (cfs). Over roughly 10 minutes, I observed the flow was showing 2,500 cfs and the digital display moved 288 cf from 027,874,774 to 027,875,062. The meter needs to be calibrated and changed to read in gallons. The site visit was to investigate the proposed build-out of the Windy Ridge sub-division, which has an existing collection system that is connected to the Windham Ridge system and ultimately the Town of Windham WWTP. I stopped at the WWTP to inform plant staff of the findings.

On March 27, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 20, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None

Miscellaneous

On February 18, 2015, a DEP laboratory sample indicated a Giardia positive sample with a value of 1. There was no malfunction of the filtration process or chemical addition system and no turbidity spikes recorded. There were no mechanical or process abnormalities that could have led to the positive detection. They were conducting a sludge press run that day that sends an extra 90 GPM to the EQ tank. A daily turbidity report was obtained for that day which shows 24 samples on an hourly basis. The computer actually obtains samples every minute and prints one per hour. The maximum for that day was 0.26 NTU's which is well under the SPDES instantaneous limit of 5.0 and within the 0.5 limit for 95% of the time.

On May 20, 2015, a DEP laboratory sample indicated a result 1 Cryptosporidium / 50 liters. There was no malfunction of the filtration process or chemical addition system and no turbidity spikes recorded. There were no mechanical or process abnormalities that could have led to the positive detection. They were conducting a sludge press run that day that sends an extra 90 GPM to the EQ tank. A daily turbidity report was obtained for that day which shows 24 samples on an hourly basis. The computer actually obtains samples every minute and prints one per hour. The maximum for that day was 0.27 NTU's which is well under the SPDES instantaneous limit of 5.0 and within the 0.5 limit for 95% of the time.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Carmel Sewer District #2

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

Comments

The DEP has commissioned a pilot study of the PALL membrane filter process. The six month study will determine if these filters will be considered as an alternative to the existing, high-pressure backwash, continuous microfiltration unit as part of the DEP Capital Replacement Program. The testing period concluded on June 18, 2015, no extensive CIPs required and the units showed quick recovery of membrane flux and pressure.

Inspections

On January 30, 2015, staff performed a Reconnaissance Inspection of the facility. The Pall Membrane Filter Pilot has been running without issue for 41 calendar days and processed 330,000 gallons of feed water. TMP trend still looks great. Running steady at a specific flux of 2.0 GFD/psi which indicates that unit can keep going before a CIP is needed. CIP will be scheduled for end of next week. The unit is currently running at 94.5% recovery.

On February 10, 2015, staff performed a Reconnaissance Inspection of the facility. The PALL unit successfully completed a CIP on February 6th. There were no surprises and the results were good. TMP was restored and the trend since the CIP looks good.

On February 20, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On March 18, 2015, staff performed a Reconnaissance Inspection of the facility. The pilot is running well. PALL has reached 30 days of runtime on this current cycle (following CIP). Feed water turbidity has spiked during the deep cold, feed water temperature has remained constant. Initiated chlorine soak as part of Enhanced Flux Maintenance (EFM) procedure during this period with no severe TMP spikes. EFM ran daily with immediate pressure drop. PALL decided to test unit by dropping recovery rate from 94% to 92%; EFM was not needed and TMP's remained stable. PALL will perform CIP and increase flux rate to 40 gpd/sf.

On April 29, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On Apr 30, 2015, staff performed a Follow-up Inspection of the facility. No additional problems were witnessed at the Drewville Road pump station.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

A sewage overflow was reported from a Carmel Sewer District #1 lift station located at Drewville Road on April 29, 2015. This lift station primarily services the Putnam Hospital Center and conveys wastewater to the Carmel SD#2 WWTP. The lift station failure was caused by a failed gasket in the check valve chamber. The Town of Carmel contract operator, Severn Trent Environmental Services, Inc. responded immediately by stopping the discharge, pumping the station wetwell, and replacing the faulty valve. The affected area was cleaned and disinfected. The overflow was estimated at 500 gallons; it did reach an unnamed tributary that flows to the Croton Falls Reservoir. In response to this incident, Severn Trent will increase frequency of lift station inspections.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Clear Pool Camp

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

Comments

None.

Inspections

On February 18, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 13, 2015, 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
August 2015

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

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

Comments

None.

Inspections

On February 27, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 8, 2015, 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
August 2015

Facility: Lewisboro Elementary School

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

Comments

None.

Inspections

On May 8, 2015, staff performed a Reconnaissance Inspection of the facility. The school remains closed.

The Lewisboro Elementary School is closed; staff and student population have all been assigned to the Katonah Elementary School. The SPDES permit will remain active and the school district will actively seek tenants for the building, they will not discharge. If the district reopens the school or occupy the building and produce wastewater, compelling operation of the plant, DEP staff will conduct monitoring and perform inspection in accordance with our FAD requirements.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Mahopac

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

Comments

None.

Inspections

On January 23, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 21, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

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

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Meadows at Cross River

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

Comments

None.

Inspections

On January 9, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On April 7, 2015, 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
August 2015

Facility: Michelle Estates

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

Comments

None.

Inspections

On January 14, 2015, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D3. Rapid Sand Filters' received a rating of Marginal with comments: 'Reconstruction work has started. Underdrain piping will be replaced, slight loss of media to wetwell.'

On May 15, 2015 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D3. Rapid Sand Filters' received a rating of Marginal with comments: 'Reconstruction work has stalled on the sand filter.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

The rapid sand filter repair experienced delays. The homeowners association replaced the general contractor to complete the replacement of the air scour piping and underdrain system. The new contractor will also adjust the discharge line elevation to minimize media loss. Job progress has improved; completion is targeted by the end of 2015.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: North Castle and Harrison Pump Stations

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

Comments

None.

Inspections

DEP conducted compliance inspections throughout the first and second quarter of 2015 at the sewage pump stations in the Town of North Castle on Old Route 22, Cooney Hill Road, Route 120 (Loudens Cove), New King Street, Old Orchard Street and the pump station in the Town of Harrison on Park Lane. The inspections revealed no abnormal conditions.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
August 2015

Facility: Waccabuc Country Club

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

Comments

None.

Inspections

On March 26, 2015, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 26, 2015, 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
August 2015

Facility: West Lake Sewer Extension

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

Comments

None.

Inspections

Staff performed inspections of the West Lake Trunk Sewer throughout the first and second quarter of 2015 in conjunction with regularly scheduled storm water BMP inspections within the Kensico Basin. The inspections revealed no abnormal conditions.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

The Westchester County Department of Environmental Facilities (WCDEF) has faithfully submitted the results of the annual inspection and flushing of all associated pipelines, in accordance with the New York State Department of Environmental Conservation (NYSDEC) and the WCDEF Order on Consent (DEC Case No. 3-R3-20030228-17), to all relevant regulatory agencies. No problems within the line were reported.