

***NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY***

**Wastewater Treatment Plant Compliance Inspection Reports
Summary – 4th Quarter 2012**

January 23, 2013

*Prepared in accordance with Section 6.2 of the November 2007 United States
Environmental Protection Agency Filtration Avoidance Determination*

*Summary of SPDES compliance inspections of East-of-Hudson and West-of-Hudson
Wastewater Treatment Plants*

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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 1900 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 chiefly 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 within the watershed.

To maintain and continue to provide a safe drinking water supply, the New York City Department of Environmental Protection (DEP) has taken a leadership role in upgrading, and encouraging other communities within the watershed to upgrade 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 wastewater treatment plants that are located within the watershed. The WWTP's in the watershed vary greatly in size and treatment levels, 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 an ambitious program of inspecting all wastewater facilities within the watershed on a quarterly basis. In addition, DEP has expanded its sampling program to include 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-monitoring effluent readings establishes patterns of compliance. DEP uses the results of the sampling 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. For example, following a DEP inspection of a treatment facility which was having difficulty meeting its phosphorus limits, DEP technical staff recommended that the operator vary the install of a baffle around its settling tank. Within two weeks of this adjustment, the plant was able to meet its phosphorus limit. As a result of the inspection, 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.

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Regular inspections will also 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 will also allow DEP engineers to maintain a good working relationship with the treatment plant operators in the watershed.

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, involved with the inspections, have familiarized themselves with their assigned facilities by developing process flow schematics and obtaining as-built drawings and operation and maintenance manuals, where possible. Self-monitoring 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 fourth quarter of 2012. 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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NYC Watershed Rules & Regulation - WWTP Upgrades

Wastewater Treatment Plant Compliance and Inspection's (WWTPCI) Role:

WWTPCI is responsible for the design plan and specification review and approval of all WWTP upgrades to include all surface and subsurface WWTP conversions to strictly subsurface disposal; SPDES upgrade plans and enhanced ultra-violet disinfection projects. WWTPCI also plays a role in conducting the initial request for proposal (RFP) review in determining the engineer's qualification and scope of work. WWTPCI is responsible for drafting the preliminary engineer's scope of work (PESW), which outlines the basic requirements, needed to satisfy the NYC Watershed Rules and Regulations (WR&R). WWTPCI reviews all facility plans, conceptual upgrade plans, proposed upgrade plans, and final upgrade plans along with the preliminary and final specifications. After the project is approved and bid out, WWTPCI staff performs regular construction inspections to confirm that the project is being built according to the plans and specifications. WWTPCI meets with the contractor, owner and project engineer on a regular scheduled basis. WWTPCI staff is also involved in the O&M review and negotiations, functional completion phase, startup and performance-testing phase and final "punch-list" walk-through phase.

New York State Environmental Facilities Corporation Role:

The New York State Environmental Facilities Corporation (NYSEFC) has been contracted by the City to negotiate the SPDES and Regulatory Upgrade contract with the WWTP owner or representative(s). NYSEFC will also act as facilitators, that is, reviewing conceptual, proposed and final WWTP upgrade plans, recommending plans for approval, assisting in the selection of an engineer, assisting in bidding, disbursing funds, conducting construction inspections, addressing legal concerns and performing related filing and documentation.

Upgrade Milestones:

The first stage of any upgrade is the report stage or Facility Plan (FP) stage. Once approval by the DEP is granted for the Facility Plan, a detailed design would commence. The first draft of the project is called the Conceptual Upgrade Plan (CUP) stage. The detailed design along with the facility plan together creates the Proposed Upgrade Plan (PUP), which is considered the 65% drawing phase. The PUP is carefully reviewed concurrently by the DEP and NYSEFC. Comments are gathered and forwarded to the facility for addressing. The facility engineer would be directed to work on the 100% drawings or Final Upgrade Plan (FUP). The 100% drawings are reviewed by the DEP, NYSEFC, NYSDEC and any other involved agency. After the formal approval by the DEP and NYSDEC of the 100% drawings of the Final Upgrade Plan (FUP) the project goes out to bid for construction. After construction is fully completed, the engineer certifies that the WWTP is functionally complete and hence the Start-up and Performance Testing (SPT) commences. DEP and NYSEFC project representatives conduct a final inspection walkthrough with the engineer to confirm that the WWTP is functionally complete. The SPT period runs for 6 months, as stated on the WWTP's interim SPDES permit. After the six-month period ends, the WWTP operates on its final SPDES permit limits. The project is fully closed out after receipt of and approval of final Operation and Maintenance manuals and Record drawings by the DEP.

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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 December 13, 2012, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'B1. Influent Channel' received a rating of Marginal with comments: 'Influent flow channel jetted as routine O&M. To be redesigned with upgrade.'

Item: 'D3. Microfiltration' received a rating of Unsatisfactory with comments: 'Being by-passed as part of construction sequencing for the facility upgrade'.

SPDES Permit Exceedance(s)

On October 1, 2012, a DMR monitoring result indicated a violation of TIME TURBIDITY with a sample result of 9530 minutes, exceeding the SPDES parameter limit of 2160 minutes.

On October 1, 2012, a DMR monitoring result indicated a violation of TURBIDITY with a sample result of 6.4 NTU, exceeding the SPDES parameter limit of 5.0 NTU.

The facility is currently bypassing the microfiltration units to prevent an excessive hydraulic overload, caused by repeated unit backwashing, to the head of the process during the construction of the facility upgrade.

Enforcements

The facility is currently under a NYSDEC consent order; a full plant modification is underway and on schedule.

Miscellaneous

The plant upgrade construction is nearly complete; functional completion is expected by February 2013.

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Facility: Ashland

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Schoharie	NYS012345	Yes	No	Yes

Comments

None.

Inspections

On December 10, 2012, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'A1. Bldg. and Grounds/Housekeeping' received a rating of Unsatisfactory with comments: 'Housekeeping issues resolved, however, bridge coming into facility still not repaired. The temporary structure put in place appears susceptible to storm damage and has no culverts. The Town has planned to look into a permanent solution by spring 2013.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On December 6, 2012, staff received a revised SPDES permit for the Ashland WWTP. DEC Central Office has revised the sampling frequency for BOD, TSS, fecal coliform, dissolved oxygen, ammonia & phosphorus contained within the current SPDES permit from twice per year to once per month.

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Facility: Boiceville (v) WWTP

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

Comments

None.

Inspections

On November 14, 2012, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D3. Sand Filters' received a rating of Unsatisfactory with comments: 'The sandfilters have been out of service since the flooding caused from Hurricane Irene. The facility has received money from the insurance company for partial payment of the sandfilter replacement and FEMA is going to pay the difference. The SBR effluent to the Micro units was 1.39 NTU. New check valves were installed on the sand filter feed pump pipes because they were losing prime, pumps are operating well.'

Item: 'E4. Discharge Notification Sign' received a rating of Unsatisfactory with comments: 'Need a new sign since Hurricane Irene.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

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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 October 17, 2012, 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

DEP Operations Directorate has completed significant infiltration & inflow (I&I) reduction in the system.

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Facility: Delaware BOCES WWTP

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

Comments

None.

Inspections

On December 17, 2012, 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 (V) WWTP

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

Comments

None.

Inspections

On December 18, 2012, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'D3. Blowers' received a rating of Marginal with comments: '2 of 3 units are operational. One unit has mechanical issue and an inoperative VFD. Operator looking into new turbo blower and VFD. The operator is also looking at funding sources.'

SPDES Permit Exceedance(s)

None.

Enforcements

On December 18, 2013, staff delivered a Verbal Warning for a recent minor manhole overflow for which DEP was not notified. The operator was reminded of his obligation to notify DEP of any wastewater spill on the facility grounds or in the collection system whether or not the spill reaches a watercourse. The operator indicated that he would comply with this request in the future. The spill was minor, did not reach a watercourse and did not impact water quality. The NYSDEC issued an NOV for the event.

Miscellaneous

None.

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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 December 3, 2012, 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 October 16, 2012, 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 December 26, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On November 1, 2012, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 77 degrees, exceeding the SPDES parameter limit of 70 degrees. The operator installed a new cooling water dump valve, this has rectified the problem.

On October 1, 2012, a DMR monitoring result indicated a violation of PHOSPHORUS DAILY MAX with a sample result of 0.3 mg/l, exceeding the SPDES parameter limit of 0.1 mg/l. DEP discussed this violation with the plant operator; there were no process or mechanical abnormalities at the plant that could have led to this reading. DEP requested the operator provide earlier notification of such a parameter violation.

Enforcements

None.

Miscellaneous

None.

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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 October 15, 2012, 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 November 8, 2012, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'A1. Buildings and Grounds' received a rating of Marginal with comments: 'Leaks in roof can drip onto electronic and electrical controls rendering the processes they are related to inoperative causing potential plant problems. Leaks should be addressed. HVAC blower will be repaired.'

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

DEP operations directorate is aware of the observations noted on the quarterly compliance inspection reports. The plant operators are in the process of determining the extent of the roof damage and looking to repair any damage.

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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 December 13, 2012, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'A3. Testing/instrumentation' received a rating of Marginal with comments: 'Phosphorous reagent expired on 7/10.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

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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 December 12, 2012, 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 December 5, 2012, 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 Highlands WWTP

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

Comments

None.

Inspections

On October 24, 2012, 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 December 26, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On November 1, 2012, a DMR monitoring result indicated a violation of BOD5 DAILY MAX with a sample result of 20 mg/l, exceeding the SPDES parameter limit of 5 mg/l.

On October 1, 2012, a DMR monitoring result indicated a violation of BOD5 DAILY MAX with a sample result of 9.2 mg/l, exceeding the SPDES parameter limit of 5 mg/l.

Enforcements

DEP discussed the SPDES permit violations for BOD5 with the operator during the quarterly compliance inspection held on December 26, 2012. The operator is working on determining the source of BOD5; they will temporarily direct the cooling water discharge to the WWTP for processing until this matter is resolved. The result of this investigation will be reported on the subsequent quarterly deliverable report.

Miscellaneous

None.

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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 October 16, 2012, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'A9. Recordkeeping' received a rating of Marginal with comments: 'Operator is behind on submittal of DMR's'.

On December 18, 2012, staff performed a Reconnaissance Inspection of the facility. The facility was found in good order and has been properly shutdown for the winter season.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

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Facility: Machne Tashbar (seasonal camp)

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

Comments

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

Inspections

On October 3, 2012 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: Margaretville (V) WWTP

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

Comments

None.

Inspections

On October 22, 2012, 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: Morningstar/Ultra Dairy, Non-Contact Cooling Water

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

Comments

None.

Inspections

On December 26, 2012, 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

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

Comments

None.

Inspections

On December 20, 2012, 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-Worcester Creameries (Lagoon)

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

Comments

None.

Inspections

On November 29, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

The facility self-monitoring data and DEP laboratory readings indicates numerous violations of the SPDES permit for nutrients, solids and bacteriological parameters for the October and November 2012 monitoring periods.

Enforcements

The facility is currently under a DEC consent order; a full plant modification is required by the order. DEP issued an approval for installation of a membrane bioreactor (MBR) on March 12, 2012. DEP and NYSEFC issued a notice to proceed with construction contract; a pre-construction meeting was held on November 29, 2012. The contractor has installed silt fence and a stormwater detention pond. The sludge retention pond has been drained and soil compaction testing has been completed, this area is the footprint for the main treatment building and tankage. Concrete work may be suspended through the winter season.

Miscellaneous

As previously reported, this facility has chronic issues with the existing treatment process; the operator aggressively adjusts process and coagulant as much as possible, but the system responds slowly. This is a permitted subsurface discharge and has no direct impact on the water supply.

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Facility: Oh-Neh-Tah (Camp) WWTP

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

Comments

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

The camp did 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

None.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

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Facility: Olive Woods (Woodstock Percussion) WWTP

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

Comments

None.

Inspections

On November 20, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On October 1, 2012, a DMR monitoring result indicated a violation of CHLOR CONT TANK DAILY MIN with a sample result of 0.1 mg/l, below the SPDES parameter minimum of 0.5 mg/l. There were no mechanical or maintenance issues with the disinfection system that could have resulted in this violation. The plant operator will monitor the disinfection process to ensure the facility remain in full compliance with all SPDES permit parameters.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
January 2013

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

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

Comments

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

Inspections

On December 13, 2012, staff performed a Reconnaissance Inspection of the facility. The facility was found in good order and has been properly shutdown for the winter season.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
January 2013

Facility: Pine Hill (V) WWTP

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

Comments

None.

Inspections

On December 26, 2012, 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
January 2013

Facility: Prattsville (v) WWTP

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

Comments

None.

Inspections

On December 19, 2012, 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
January 2013

Facility: Richardson Hill Road Landfill

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

Comments

None.

Inspections

On December 17, 2012, 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
January 2013

Facility: Roxbury Lift Station

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

Comments

None.

Inspections

On November 12, 2012, staff performed a Reconnaissance Inspection of the facility. Grounds well maintained. Lift station, generator and pumps in good condition and operating normally.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
January 2013

Facility: Roxbury Run Village WWTP

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

Comments

None.

Inspections

On December 13, 2012, 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. '

Item: 'D6. Micro Filtration' received a rating of Marginal with comments: 'The Siemens technician stated that the computer and software needs to be replaced ASAP. Replacement of the computer for the microfiltration process is an eligible expense, within reason, under the DEP Regulatory Upgrade Program. DEP has approved the replacement; the facility should order a new unit.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
January 2013

Facility: Stamford (V) WWTP

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

Comments

None.

Inspections

On December 12, 2012, 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
January 2013

Facility: Tannersville (V) WWTP

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

Comments

None.

Inspections

On November 19, 2012, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'A1. Bldg. /grounds/housekeeping' received a rating of Marginal with comments: 'Numerous leaks in building remain unaddressed for a protracted period of time. These roof leaks should be repaired as soon as practicable to prevent costly damage to the facility.'

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

DEP Operations Directorate is aware of the observations noted on the quarterly compliance inspection reports.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
January 2013

Facility: Timber Lake (Camp) WWTP

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

Comments

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

Inspections

None.

SPDES Permit Exceedance(s)

None.

Enforcements

In response to DEP laboratory data collected during summer operation, resulting in SPDES permit exceedances for dissolved oxygen, DEP submitted a letter to the owner requesting validation for these exceedances and recommended actions to mitigate this issue. Being this is a seasonal facility, DEP will wait to schedule a compliance conference at the plant until the Spring/Summer of 2013.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
January 2013

Facility: Walton (V) WWTP

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

Comments

None.

Inspections

On October 16, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On October 10, 2012, a DEP laboratory sample indicated an exceedance of Solids - Suspended with a sample result of 12.7 mg/l, exceeding the SPDES parameter limit of 10.0 mg/l. There were no mechanical or maintenance issues with the continuously backwashing upflow dual sand filter (CBUDSF) system that could have led to this result. Plant self-monitoring data indicates full compliance with all SPDES permit parameters.

Enforcements

None.

Miscellaneous

On October 15, 2012, staff was notified by the plant operator that approximately three cubic yards of foam overflowed from the splitter box feeding the primary clarifiers. Process adjustments were made to remedy the situation. The foam was cleaned off the facility grounds immediately. No foam left the facility grounds or entered any watercourse.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
January 2013

Facility: Windham (T) WWTP

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

Comments

None.

Inspections

On December 18, 2012, 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
January 2013

Facility: Carmel Sewer District #2

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

Comments

None.

Inspections

On October 31, 2012, staff performed a Reconnaissance Inspection of the facility. The facility was on auxiliary power as a result of Hurricane Sandy; they did not experience any permit violations.

On December 4, 2012, 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
January 2013

Facility: Clear Pool Camp

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

Comments

None.

Inspections

On December 5, 2012, 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
January 2013

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 December 19, 2012, 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
January 2013

Facility: Lewisboro Elementary School

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

Comments

None.

Inspections

On December 19, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On October 9, 2012, a DEP laboratory sample indicated an exceedance of Coliform - Total with a sample result of 4300/100 ml, exceeding the SPDES parameter limit of 750/100 ml. There were no mechanical or maintenance issues with the ultra-violet (UV) disinfection system. Plant self-monitoring data indicates full compliance with all SPDES permit parameters.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
January 2013

Facility: Mahopac

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

Comments

None.

Inspections

On October 17, 2012, 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: 'Exterior fence needs painting.'

SPDES Permit Exceedance(s)

On November 1, 2012, a DMR monitoring result indicated a violation of NH3 WINTER 30 DAY AVG with a sample result of 4.71 mg/l, exceeding the SPDES parameter limit of 2.2 mg/l. There were no abnormalities observed at the plant that could have led to this reading.

On November 1, 2012, a DMR monitoring result indicated a violation of UOD DAILY MAX with a sample result of 25.6 mg/l, exceeding the SPDES parameter limit of 25 mg/l. There were no abnormalities observed at the plant that could have led to this reading.

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
January 2013

Facility: Meadows at Cross River

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

Comments

None.

Inspections

On October 11, 2012, 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
January 2013

Facility: Michelle Estates

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

Comments

None.

Inspections

On December 13, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On October 10, 2012, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 4.28 mg/l, exceeding the SPDES parameter limit of 1.7 mg/l.

On October 10, 2012, a DEP laboratory sample indicated an exceedance of Coliform - Fecal with a sample result of 1400/100 ml, exceeding the SPDES parameter limit of 200/100 ml.

Enforcements

On November 20, 2013, a Compliance Assistance Conference was held between representatives from DEP, NYSDEC and Keane Copplemen Engineers, Inc. The purpose of the meeting was to discuss DEP laboratory exceedances for phosphorus, fecal coliform, TSS and settleable solids during the 2012 monitoring period; plant self-monitoring data indicates full compliance with all SPDES permit parameters. The facility is using a new coagulant (PAC) to improve settling and continue to fine tune the chemical feed process to achieve desired phosphorus results. During the clean-in-place process (caustic soda, citric acid) for the microfiltration units, the backwash returned to the head of the plant was not properly neutralized; this affected the secondary treatment process and reduced removal efficiency for all wet chemistry parameters. The facility will perform additional pH testing of the backwash to ensure proper neutralization prior to retuning the wastestream through the treatment process. The facility will install a cover over the step-aeration basin to prevent sunlight and debris from making contact with the treated effluent. There did not appear to be any mechanical flaw in the plant that could have led to the exceedances. DEP will closely monitor the lab results and work with the contract operator to correct any abnormal conditions. The NYSDEC will consider modifying the SPDES permit to increase sampling frequency from 1x/quarter to 1x/month for all wet chemistry and bacteriological parameters.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
January 2013

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 fourth quarter of 2012 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

On December 3, 2012, staff observed the soil around a manhole cover outside the Loudens Cove pump station was disturbed. DEP contacted Sal Misiti, Town of North Castle Water and Sewer Supervisor, about any activity in this area. Mr. Misiti stated that the manhole cover and the cover frame had been hit by a snowplow and needed to be replaced. There was no spill resulting from this incident.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
January 2013

Facility: Waccabuc Country Club

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

Comments

None.

Inspections

On December 6, 2012, 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
January 2013

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 fourth quarter of 2012 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

None.