

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

**Wastewater Treatment Plant Compliance Inspection Reports
Summary – 2nd Quarter 2013**

July 26, 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 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 second quarter of 2013. 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 June 27, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

The facility has satisfied the conditions of the NYSDEC consent order (R4-2010-1028-121); a full plant modification is functionally complete and operational. The plant is given a start-up and performance testing period to achieve compliance with its final SPDES effluent limitations. This accounts for any mechanical or process control adjustments necessary to maximize treatment efficiency. An extension of the order on consent was granted by NYSDEC to ensure compliance during the start-up period.

Miscellaneous

None.

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Facility: Ashland

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

Comments

None.

Inspections

On June 11, 2013, 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: Bridge coming into facility still not repaired. The temporary structure put in place appears susceptible to storm damage and has a small culvert. A revised plan, including a larger culvert, is complete and the bridge repair project is out for bid.'

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

None.

Inspections

On May 9, 2013, staff performed a Follow-up Inspection of the facility to inspect the rehabilitation of the sand filter. New sand will be delivered by May 13th. The rest of the equipment will be delivered by May 22nd. The contractor is preparing to pump out the old sand from the three filters. The spent sand will be stored in a holding tank for hauling and disposal. Once emptied, they will be washed clean and inspected for structural integrity. The contractor also removed sediment from the storm water detention pond deposited from Hurricane Irene. They cleaned out the catch basin and effluent pipe from the pond to the stream and reset the rip rap from the pipe to the stream.

On May 28, 2013, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D1. SBR's' received a rating of Marginal with comments: 'Observed nocardia foam within tanks but it is not impacting settling or disrupting downstream process units. The operators are varying the DO and the chlorine levels to gain control of the foam. The SBR effluent turbidity meter is reading 35.6 NTU; the operator does not feel it is accurate. That value should match the influent to the Microfiltration units which shows 1.33 NTU. The unit will be calibrated before the sand filter repairs are complete.'

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. Repairs are underway. The SBR effluent turbidity going to the Microfiltration units was 1.33 NTU.'

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

On May 31, 2013, staff performed a Reconstruction Inspection of the facility. The general contractor completed their phase of the rehabilitation work on the sand filters that were damaged during Hurricane Irene. They cleaned out the old sand and debris and added new sand. They returned to install the mechanical parts for the sand filters, the new compressor and all of the auxiliary parts to the system. The electrical contractor completed all of the electric work and elevated all the conduit, controls and electric panels above the flood elevation. The air compressor was also relocated above the flood zone. Once all contract items are completed, the filter manufacturer will return to the site to conduct start-up and performance testing.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

The progress of the sand filter repair will be updated in the subsequent quarterly deliverable report.

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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 June 25, 2013, 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: 'Hydraulic overloads to system continue. A visual inspection of the collection system was conducted, no apparent issues noted. Operator working on resolving intermittent I&I issues.'

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 May 21, 2013, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'E4. Turbidity Monitoring' received a rating of Unsatisfactory with comments: 'Meters last calibrated 2/15/2012 by HACH. The operator contacted the facility owner and the owner has yet to approve a purchase order to expedite the re-calibration.'

SPDES Permit Exceedance(s)

On April 11, 2013, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 28.6 mg/l, exceeding the SPDES parameter limit of 9.0 mg/l.

On April 17, 2013, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 27.8 mg/l, exceeding the SPDES parameter limit of 9.0 mg/l.

The plant experienced an upset due to a plugged chemical feed pump causing a fluctuation of pH. The operator has corrected the condition; the small solids load to the plant prevented the ability to properly nitrify right away. The quarterly ammonia sample for the DMR was collected at the end of March; updated results will be provided by the operator for the following quarterly requirement. DEP laboratory data indicates full compliance with the SPDES parameter limitations.

Enforcements

The operator contacted DEP on May 29, 2013 to confirm the turbidity meter was calibrated.

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 May 16, 2013, 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. VFD was under repair during the inspection.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On April 23, 2013, staff was notified about a high pH influent feed coming from the major industrial user, Friesland Campina-DOMO. The pre-treatment discharge from Friesland Campina-DOMO into the collection system had a recorded pH of >12.0 S.U. The Delhi plant operator immediately diverted the industrial waste feed into an off-line aeration chamber and clarifier to avoid an impact on the secondary treatment process. Friesland Campina-DOMO introduced hydrochloric acid into their process tanks to neutralize their wastestream (<9.0 S.U.) prior to conveyance to Delhi. The high pH water was also neutralized at Delhi and fed slowly through the treatment process to avoid any upset. The high pH water did not have a negative impact on either the Friesland Campina-DOMO pre-treatment facility or the Delhi WWTP. Discharge quality remained within SPDES permit limitations.

On June 25, 2013, staff was notified that all blowers were operational and working well.

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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 May 20, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On May 1, 2013, DMR monitoring data indicated a violation of BOD5 DAILY MAX with a sample result of 6.0 mg/l exceeding the SPDES limit of 5.0 mg/l. Given the minimal difference and isolated nature of this reading, it does not qualify as an acute or chronic violation; no enforcement is necessary. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. 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

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 April 15, 2013, 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 26, 2013, 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. The events discussed earlier in this report for the Delhi WWTP was 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 April 24, 2013, 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 April 18, 2013, 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.'

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 May 30, 2013, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'A2. Flow Metering' received a rating of Marginal with comments: 'Meter # 1 - 454,011 and Meter # 2- 12,420,403. Meters need to be calibrated annually.'

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 April 23, 2013, 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 May 24, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On May 1, 2013, a DEP laboratory sample indicated an exceedance of Chlorine - Effluent with a sample result of 0.48 mg/l, exceeding the SPDES parameter limit of Max (0.24 mg/l). Bacteriological data indicates the facility successfully disinfected the treated effluent during this period. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. Plant self-monitoring data indicates full compliance with its SPDES parameters.

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 April 29, 2013, 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 26, 2013, 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: 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 20, 2013, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:
Item: 'A9. Recordkeeping' received a rating of Unsatisfactory with comments: 'Still waiting for DMR's for 2011'.

SPDES Permit Exceedance(s)

None.

Enforcements

DEP has issued warning letters requesting DMR reports for the 2011 monitoring period. DMR's were received by the NYSDEC Central and Region 4 offices, copies were not forwarded to the DEP.

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

None.

Inspections

On June 27, 2013, 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 May 16, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On May 1, 2013, a DMR monitoring result indicated a violation of PHOS 30 DAY AVG with a sample result of 0.6 mg/l exceeding the SPDES limit of 0.5 mg/l. Given the minimal difference and isolated nature of this reading, it does not qualify as an acute or chronic violation. There did not appear to be any mechanical or process control abnormalities 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.

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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 June 26, 2013, 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 May 24, 2013, staff performed a Reconnaissance Inspection of the facility in response to a report of a membrane bioreactor (MBR) control board problem. A high voltage condition (voltage spike) caused a PLC control board failure in the MBR and ancillary systems. The spare board did not function as anticipated and the operator worked with GE and Allen Bradley to get it operative or obtain a replacement. Plant flow was low and wastewater was easily contained within the process during the incident. The facility had no leaks or overflows; a septage hauler was contracted to haul the waste flow until the repair was completed. All the relevant regulatory agencies were notified. A replacement PLC board was delivered and installed the following day; normal plant operations restored.

On June 11, 2013, 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 June 21, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

Numerous upgrade construction inspections were conducted and monthly progress meeting were attended by DEP staff. At this time, four major concrete pours were completed on April 4th, May 5th, June 3rd and June 21st. All of the pours went well and the testing was conducted by Atlantic Laboratory. Slumps, percent air and break cylinders all met the required specifications.

SPDES Permit Exceedance(s)

The facility self-monitoring data and DEP laboratory readings indicates numerous violations of the SPDES permit for pH and solids parameters for the April and May 2013 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. Concrete work was suspended through the winter season; construction restarted on April 4, 2013.

On June 8, 2013, staff received notice of an overflow from the clarifier caused by a power surge that shorted the PLC, dial-up alarm and the flow meter. Based on the timeframe of the PLC being out to the discovery of the overflow by the operator, an estimate of 30,000 gallons spilled from the clarifier. Based on the topography of the site, the path of the partially treated wastewater would have been in the direction of the storm water detention pond or the construction foundation site. Either way it would have seeped into the ground or been contained on the property; the spill did not reach a receiving stream and had no impact on water quality. The affected area was cleaned and all operating controls were restored.

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	Yes	Yes	Yes

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 June 4, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory. All of the equipment is fine and the operators are stopping by on a regular basis.

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 June 19, 2013, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A1. General' received a rating of Marginal with comments: 'There are two trees leaning from hurricane Sandy. They are leaning in the direction of both the propane tank and the backup generator. Provisions should be made to remove the trees before they fall.'

Item: 'D3. Influent Pump Chamber' received a rating of Marginal with comments: '#1 influent pump was out of service and needs to be replaced. The new pump was on hand and will be replaced once the pump chamber level was reduced enough from the recent heavy rains. During the inspection it was noted that there was a reduced forward flow through the system and it seemed that pump # 2 was not pumping at capacity either. The operators later used a portable pump to help with the flow rate through the system. They are going to change the pump on hand ASAP and will replace the second pump as early as possible.'

DEP received confirmation from the facility operator that both influent pumps have been replaced and are operational.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
July 2013

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 21, 2013, 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: 'The two new trailers that were connected to the WWTP electrical panel are not grounded with steel rods at the trailer site. A strike by lightning to either trailer can cause damage to the WWTP panel as well as expensive treatment components. The facility would be responsible for all repair costs. The wires were connected to the panel at the main lugs without a circuit breaker. The main power to the line that feeds the trailers cannot be turned off without turning off all the power to the WWTP.'

Item: 'A2. Potable Water Supply Prot.' received a rating of Marginal with comments: 'Backflow preventer needs to be inspected. The scheduled inspector was injured and a new company needs to be hired.'

Item: 'E1. Disinfection (UV)' received a rating of Marginal with comments: 'The operator believes, based on runtime hours, the UV lamps should be replaced for the season.'

Item: 'E4. Compressors' received a rating of Unsatisfactory with comments: 'The Atlas Copco compressor #1 is out of service and needs to be rebuilt.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
July 2013

Facility: Pine Hill (V) WWTP

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

Comments

None.

Inspections

On June 27, 2013, 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
July 2013

Facility: Prattsville (v) WWTP

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

Comments

None.

Inspections

On June 6, 2013, 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
July 2013

Facility: Richardson Hill Road Landfill

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

Comments

None.

Inspections

On May 21, 2013, 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
July 2013

Facility: Roxbury Lift Station

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

Comments

None.

Inspections

On May 15, 2013, 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
July 2013

Facility: Roxbury Run Village WWTP

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

Comments

None.

Inspections

On May 17, 2013, 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.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
July 2013

Facility: Stamford (V) WWTP

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

Comments

None.

Inspections

On April 23, 2013, 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
July 2013

Facility: Tannersville (V) WWTP

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

Comments

None.

Inspections

On April 2, 2013, 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
July 2013

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 May 7, 2013, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'C1. Septic Tanks' received a rating of Unsatisfactory with comments: 'The influent pipe to the main septic tank is loose at the penetration point of the tank and should be grouted prior to the start of the season.'

Item: 'E4. Effluent Pipe' received a rating of Unsatisfactory with comments: 'The end of the outfall pipe located at the main road needs a rodent guard. The existing screen fell off and needs to be replaced. The area below the outfall pipe needs to be dug out so a sample can be obtained at that location. The weeds at the location were cut down and need to be kept low for the entire season. Most of the samples are obtained at the WWTP building, however, dissolved oxygen and temperature values are tested there on occasion.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
July 2013

Facility: Walton (V) WWTP

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

Comments

None.

Inspections

On May 21, 2013, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A6. Odor/Odor Control' received a rating of Marginal with comments: 'Odors noted attributable to plant loading issue.'

Item: 'A7. Influent Impact on operations' received a rating of Marginal with comments: 'Suspected heavy whey like loading from Kraft causing process issues. Effluent turbidity exceeded time limitation. Operator working with Kraft to alleviate. Operator also making process adjustments and exploring alternative coagulants to see if issue can be resolved. Operator also working with Village regarding enforcement as it relates to the sewer use ordinance.'

Item: 'D4. Secondary Settling basins' received a rating of Marginal with comments: 'Cloudy supernatant, significant floc coming over weirs.'

Item: 'D7 CBUDSF' received a rating of Marginal with comments: '3 of 5 CBUDSF units online during inspection. HACH last calibrated turbidity meters on 6/18/12, scheduled for 2013. New computer installed, working well. Units are air lanced 2-3x/year, operator noted minimal to no blinding with coagulant in use. Turbidity readings are 0.4 NTU, within permit but higher than normal due to heavy loading from Kraft. Operator making process and chemical adjustments to rectify overload conditions.'

SPDES Permit Exceedance(s)

On April 1, 2013, a DMR monitoring result indicated a violation of CBOD5 30 DAY AVG with a sample result of 26.5 mg/l exceeding the SPDES limit of 25 mg/l.

On April 1, 2013, a DMR monitoring result indicated a violation of CBOD5 LBS 7 DAY AVG with a sample result of 767 lbs/day exceeding the SPDES limit of 517 lbs/day.

On April 1, 2013, a DMR monitoring result indicated a violation of CBOD5 7 DAY AVG with a sample result of 68.5 mg/l exceeding the SPDES limit of 40 mg/l.

On May 1, 2013, a DMR monitoring result indicated a violation of CBOD5 7 DAY AVG with a sample result of 306 mg/l exceeding the SPDES limit of 40 mg/l.

On May 1, 2013, a DMR monitoring result indicated a violation of CBOD5 30 DAY AVG with a sample result of 188 mg/l exceeding the SPDES limit of 25 mg/l.

The facility receives an excess organic load from the Kraft processing facility. Operators from both the Kraft pre-treatment plant and the Walton WWTP plant have aggressively adjusted process control and coagulant feeds as much as possible to stabilize their respective processes. At this point, the plant is running better and Kraft loading is down most days, but it occasionally spikes. The facility continues to work closely with Kraft to rectify the situation, obtain loading information and work with the Village administration for seeking damages from Kraft for sewer use law violations. These SPDES violations will be addressed at the next quarterly Watershed Enforcement Coordination Committee (WECC) meeting in October 2013. DEP laboratory data indicates full compliance with the SPDES parameter limitations.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
July 2013

Facility: Windham (T) WWTP

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

Comments

None.

Inspections

On June 6, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On April 10, 2013, a DEP laboratory sample indicated an exceedance of Chlorine - Effluent with a sample result of 0.2 mg/l, exceeding the SPDES parameter limit of Max (0.1 mg/l). Given the minimal difference and isolated nature of this reading, it does not qualify as an acute or chronic violation, no enforcement action is necessary. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. Plant self-monitoring data indicates full compliance with SPDES parameters.

Enforcements

None

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
July 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 June 14, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 10, 2013, staff performed a Follow-up Inspection of the facility. The facility responded to a report of sewage surfacing through the ground near the intersection of Route 6 and Route 301. The discharge resulted from a grease blockage and originated from a manhole that had been covered with about six inches of dirt that had washed off the road over a number of years. The plant operator augured and vacuumed the sewer line and installed a new chimney to raise the manhole above grade. The amount of the overflow was undetermined. The sewage was contained, the area was properly cleaned and the overflow did not reach a receiving stream. The Town of Carmel will include this trunk line as part of their enhanced maintenance program.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
July 2013

Facility: Clear Pool Camp

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

Comments

None.

Inspections

On May 15, 2013, 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
July 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 June 4, 2013, 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
July 2013

Facility: Lewisboro Elementary School

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

Comments

None.

Inspections

On June 4, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On May 7, 2013, a DEP laboratory sample indicated an exceedance of pH with a sample result of 6.33 S.U., outside the SPDES parameter range of Min (6.5 S.U.) – Max (8.5 S.U.). Given the minimal difference and isolated nature of this reading, it does not qualify as an acute or chronic violation; no enforcement is necessary. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. Plant self-monitoring data indicates the plant is in full compliance with its SPDES permit parameters.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
July 2013

Facility: Mahopac

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

Comments

None.

Inspections

On April 4, 2013, 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
July 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 April 16, 2013, 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
July 2013

Facility: Michelle Estates

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

Comments

None.

Inspections

On June 6, 2013, 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
July 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 second quarter of 2013 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
July 2013

Facility: Waccabuc Country Club

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

Comments

None.

Inspections

On May 14, 2013, 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
July 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 second quarter of 2013 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.