

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

**Wastewater Treatment Plant Compliance Inspection Reports
Summary – 1st Quarter 2011**

April 26, 2011

*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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NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

TABLE OF CONTENTS

I. Introduction

Inspection Program Goals
Inspection Program Structure
Compliance Inspection Report Content
NYC Watershed Rules & Regulations - WWTP Upgrades

II. Wastewater Treatment Facility Compliance Inspection Reports

West-of-Hudson

Andes (T)
Boiceville (V)
Chichester (H)
Delaware County BOCES
Delhi (V)
DMV Nutritionals Non-Contact Cooling Water
Elka Park
Fleischmanns
Grahamsville (V)
Grand Gorge (V)
Hanah Country Club
Hobart (V)
Hunter (V)
Hunter Highlands
Kraft Dairy Non-Contact Cooling Water
L'man Achai, Camp
Machne Tashbar, Camp
Margaretville (V)
Morningstar/Ultra Dairy Non-Contact Cooling Water
Mountain View Estates
Mountainside Farms – Worcester Creameries (Lagoon)
Oh-Neh-Tah, Camp
Olive Woods (Woodstock Percussion)
Onteora Jr. /Sr. High School
Oorah Camp
Pine Hill (V)
Prattsville
Richardson Hill Road Landfill
Roxbury Lift Station
Roxbury Run Village
Stamford (V)
Tannersville (V)
Timberlake, Camp
Walton (V)
Windham (T)

East-of-Hudson

Carmel Sewer District #2
Clear Pool Camp
Hill Sparrow (The Fairways at Hill & Dale)
Lake Plaza
Lewisboro Elementary School
Mahopac
Meadows at Cross River Condominiums
Michelle Estates
North Castle and Harrison Pump Stations
Ralph Morando Building (inactive)
Waccabuc Country Club
West Lake Sewer Extension

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

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.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

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 first quarter of 2011. 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.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

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.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Andes (T) WWTP

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

Comments

A meeting was held on March 10, 2011 between representatives from DEP, Delaware Operations and the Town of Andes to discuss a capital improvement plan for the WWTP. The DEP has agreed to provide significant funding for a plant modification to replace the existing SBR/upflow sand filter/pressurized membrane facility with a membrane bioreactor (MBR). Delaware Operations has been tasked to submit an engineering services budget and detailed schedule of values for said project. Engineering services will be funded through the existing O&M agreement, with the capital portion completed under a separate contract.

Inspections

On March 15, 2011 RCI 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: 'Plant influent flow meter requires the use of reducer fittings (4" to 6") which restrict flow during high plant flow situations. Flow meter operations should not adversely affect plant flow/operations. Flow meter calibrated 1/11/2011.'

Item: 'B1. Influent Channel' received a rating of Marginal with comments: 'Influent flow channel jetted as part of routine O&M. Excessive solids buildup in comminutor bypass. Influent channel hydraulics deficient and do not allow for proper influent measurement. A temporary remedy is installed using 2 x 10 planks held in place with concrete blocks and is holding up well. Plant side streams input ahead of flow metering make it impossible for operator to accurately determine actual plant inflow. Influent line was jetted prior to heavy flow.'

Item: 'D2. DynaSand Filters' received a rating of Marginal with comments: 'One unit online. Units are air lanced monthly. Updated chemical addition practices have improved performance. The filtrate discharge line from the sand filters is restricted and does not allow for full flow of filtrate out of the sand filter. This has been a chronic problem with this system.'

Item: 'D3. Microfiltration' received a rating of Marginal with comments: 'One microfiltration unit offline at time of the inspection due to malfunction caused by excessive hydraulic load from rain storms; resulting in partial flow bypass. New manifold added to one microfiltration skid. Units with newly replaced membrane cartridges still have high TMP after short run time/flow volume; results in higher recycle flow to the head of the process. CIP process has been optimized due to improvements with hot water feed.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On March 05, 2011, a Report of Noncompliance Event was filed with DEC/DEP, for an event occurring on: 03/05/2011. The DEP was notified that, due to precipitation induced high flows, the microfiltration units were bypassed. The wastestream continued to pass through the upflow sand filters and UV disinfection units. Operation of the microfilters was restored on 03/08/2011 as flows attenuated.

From March 11, 2011 through March 14, 2011 8:30 am, the facility bypassed the microfiltration system bypass due to high plant inflow associated with severe wet weather. The Sequential Batch Reactors (SBR) was placed in storm mode, all sand filters were put online and all UV units were energized.

On March 30, 2011, staff attended a meeting with Delaware Engineering and operations representatives. Items discussed were details pertaining to the proposed modifications at the WWTP and how to manage existing operations during construction. A facility plan outline was presented and accepted; the engineering report and process calculations are forthcoming.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Boiceville (v) WWTP

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

Comments

The final SPDES permitted limits have been in effect since March 14, 2011. The DEP laboratory did record some exceedances of the SPDES parameters during the facility start-up testing period; they do not qualify as violations of the permit.

Inspections

On February 25, 2011, 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: 'There was snow followed by heavy rains overnight. The rain continued during the time of the inspection. The facility roof and ceiling still has multiple areas that regularly leak. A meeting between the engineer, contractor, and roof manufacturers will be scheduled to establish if the roof area leaks or if condensation is developing within the insulated ceiling area. Improper air space, insulating techniques, damaged vapor barriers may be the cause. The ceiling has an accumulation of water in the exposed vapor barrier through out the entire room. The base of the roll-up door also leaks which lets the water flow into the building and creates a puddle in the generator/electrical panel room.'

Item: 'A7. Influent Impact on Operations' received a rating of Marginal with comments: 'While the total flow for a 24-hour period has not exceeded permitted flow limitations, there does appear to be an excess hydraulic load to the plant following rain storms, suggesting the new collection system does have an I&I issue.'

Item: 'D1. SBR's' received a rating of Marginal with comments: 'There is a slight layer of foam on the top of the SBR tank; the result of a filament problem. The operator stated that it has been worse but is under control now; chlorine is added to the influent side of the tank to control these microorganisms. Solids in the SBR have not settled well; the sludge blanket being about 7.5 feet at the end of the decant cycle (2.0 hours of settling). The Settleometer test continues to show better settling as witnessed during the inspection (690 ml/l after 30 minutes and 300 ml/l after 1.5 hours). They have greatly reduced the amount of Poly-Aluminum Chloride (PAC) from five (5) gallons/day to one (1) gallon/day after increases showed no benefit. The SBR cycle is still being controlled by the dissolved oxygen (D.O.) readings.'

SPDES Permit Exceedance(s)

On February 17, 2011, a DEP laboratory sample indicated an exceedance of Phosphorus with a sample result of 1.02 mg/l, exceeding the SPDES parameter limit of 0.5 mg/l.

On February 17, 2011, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 10.1 mg/l, exceeding the SPDES parameter limit of 2.2 mg/l.

On February 23, 2011, a DEP laboratory sample indicated an exceedance of Phosphorus with a sample result of 1.32 mg/l, exceeding the SPDES parameter limit of 0.5 mg/l.

On February 23, 2011, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 5.27 mg/l, exceeding the SPDES parameter limit of 2.2 mg/l.

Enforcements

On February 02, 2011, staff issued a Verbal Warning for a DEP Exceedance occurring on 01/06/2011 for Ammonia with a value of 9.83 mg/l. The SPDES limit is 1.1 mg/l.

On March 23, 2011, staff issued a Warning Letter for DEP Exceedances occurring on: February 23, 2011 and February 17, 2011.

Miscellaneous

On February 28, 2011, DEP met with representatives at the WWTP. The leaks resulted from condensation; increased ventilation within the facility and the proposed installation of a ridge vent will resolve this issue.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Chichester (H) SSTS

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

Comments

None.

Inspections

On March 28, 2011, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A7. Influent Impact on operations' received a rating of Unsatisfactory with comments: 'Average daily flow can be much higher than the SPDES permitted flow due to an I & I problem.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Delaware BOCES WWTP

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

Comments

None.

Inspections

On February 23, 2011, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A2. Potable Water Supply Protection' received a rating of Unsatisfactory with comments: 'Backflow preventers still not inspected, Tag validating inspection on valve expired.'

Item: 'A4. Stand-By Power' received a rating of Unsatisfactory with comments: 'Generator is operational but hour meter is unchanged at 260 hours since August 2010, indicating the gen set is either not self testing or the hour meter is faulty. 26 volts on batteries, heaters are on, no visible alarms noted. Per the operator, a service technician is scheduled to repair the unit.'

SPDES Permit Exceedance(s)

On January 13, 2011, a DEP laboratory sample indicated an exceedance of pH with a sample result of 6.29 S.U., exceeding the SPDES parameter limit of Min (6.5 S.U.) – Max (8.5 S.U.).

Enforcements

On February 16, 2011, staff delivered a Verbal Warning to the WWTP regarding recent pH exceedances.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Delhi (V) WWTP

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

Comments

None.

Inspections

On March 29, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On March 15, 2011, staff contacted the plant operator regarding plant performance during the recent wet weather event. The influent pumps, with newly installed high flow impellers, were able to maintain forward flow during the heavy rain storms, avoiding overflows.

On March 16, 2011, DEP and plant staff discussed future plans to optimize the WWTP influent pumps and reduce I&I within the collection system. The operator will install high capacity impellers in the remaining influent pumps. The operator has identified, through closed circuit television inspection, many leaks within the collection system, causing excessive I&I. A collection system rehabilitation contractor has been secured and is scheduled to repair the aforementioned leaks in April 2011. The operator is soliciting the town for some additional funding to allow the contractor to inspect and repair another section of the collection system to verify its integrity; he is confident the funding will be secured.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: DMV International Nutritionals (Cooling Water)

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

Comments

None.

Inspections

None.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Elka Park WWTP

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

Comments

None.

Inspections

On March 3, 2011, 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
April 2011

Facility: Fleischmanns (V) WWTP

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

Comments

None.

Inspections

On February 14, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On January 5, 2011, a DEP laboratory sample indicated an exceedance of CBOD5 with a sample result of 5.9 mg/l, exceeding the SPDES parameter limit of 5.0 mg/l.

On February 9, 2011, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 2.76 mg/l, exceeding the SPDES parameter limit of 2.2 mg/l.

On February 16, 2011, a DEP laboratory sample indicated an exceedance of Chlorine - Effluent with a sample result of 0.23 mg/l, exceeding the SPDES parameter limit of Max (0.1 mg/l).

Enforcements

On January 19, 2011, staff delivered a Verbal Warning for a DEP Exceedance occurring on: 1/5/2011 for CBOD5, plant start-up following the holiday season was cited as a cause.

On February 18, 2011, staff delivered a Verbal Warning regarding an increase in effluent ammonia and chlorine detected by DEP sampling. A recent plant upset of unknown origin was identified as the problem and the operator was working on identifying the source. The plant was recovering with process control adjustments.

Miscellaneous

On February 08, 2011, staff was notified by the plant operator that the facility would be switching to a 60-63% magnesium hydroxide solution from sodium hydroxide for influent pH adjustment. The liquid magnesium hydroxide should be more beneficial to the process.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Grahamsville (V) WWTP

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

Comments

None.

Inspections

On March 17, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory. The facility is now using ultraviolet radiation for disinfection.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On January 18, 2011, staff was informed that the facility ran on the emergency generator due to a power outage. The microfiltration unit did not automatically re-start and needed to be activated manually.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Grand Gorge (V) WWTP

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

Comments

None.

Inspections

On March 29, 2011, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A8. Preventative Maintenance' received a rating of Marginal with comments: 'The #1 drainage wet well pump to the primary splitter box is still out of service for well over two years; the motor needs to be replaced. The lock-out / tag- out date on the unit is 02/27/2008. While this hasn't led to an alarm condition, the operation of the wet well lacks the necessary redundancy and should be resolved quickly.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Hanah Country Club WWTP

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

Comments

None.

Inspections

On March 26, 2011, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D1. Aerated E.Q. Tank' received a rating of Marginal with comments: 'One blower motor for the EQ tank was on and the tank was half-full. The second blower motor was removed and needs to be repaired.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Hobart (V) WWTP

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

Comments

None.

Inspections

On January 31, 2011, 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
April 2011

Facility: Hunter (V) WWTP

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

Comments

None.

Inspections

On March 1, 2011 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A1. General/Bldgs. /Grounds' received a rating of Marginal with comments: 'The facility experienced some upsets during the previous quarter, ultimately leading to very high turbidity levels at the secondary clarifier effluent. There were been some staff changes including a new chief operator. Delaware Engineering has put Josh Vital in charge of the facility with John Moffitt providing technical support. They have gotten the process back on track with various operational changes and modifications with chemical additions.'

Item: 'A5. Alarm Systems' received a rating of Marginal with comments: 'The dial up alarm system was damaged by lightening and is costly to repair. They are proposing to replace the systems with a PLC card, one that includes radio transmitters that will send an alarm signal as well as flow information from the pump stations back to the WWTP.'

Item: 'A7. Influent Impact on Operations' received a rating of Marginal with comments: 'In preparation for a busy holiday ski weekend, the level in the EQ tank was reduced to a minimum. The Friday before Presidents Day, the operators noticed a spike in the EQ tank level. They visited the pump stations throughout the town to see if the increase in flow could be found. The flow chart for the Liftside pump station showed a major spike in the flow rate. The operators located the source to be from the Hunter Drinking Water Treatment Plant. They contacted the operator of the plant to respond to the problem. It took a considerable amount of time for him to respond. It was determined that the drinking water plant normally discharges the backwash to the collection system and periodically diverts all of the flow when the quality of the water does not meet drinking water standards. During this event, approximately 200 gallons per minute (gpm) was registered at the pump station, greatly reducing the amount of equalization left for the busy ski weekend. The large amount of clean water also reduced the alkalinity levels, normally low at this facility. Early detection and quick response from water plant operator is essential to reduce the impact to the WWTP.'

SPDES Permit Exceedance(s)

On January 6, 2011, a DEP laboratory composite sample indicated an exceedance of Ammonia with a sample result of 3.96 mg/l, exceeding the SPDES parameter limit of 2.1 mg/l.

On January 6, 2011, a DEP laboratory grab sample indicated an exceedance of Ammonia with a sample result of 2.86 mg/l, exceeding the SPDES parameter limit of 2.1 mg/l.

On January 19, 2011, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 10 mg/l, exceeding the SPDES parameter limit of 2.1 mg/l.

Enforcements

On February 01, 2011, staff delivered a Verbal Warning for a DEP Exceedance occurring on 01/06/2011 with Ammonia readings of 2.86 mg/l and 3.96 mg/l for grab and composite samples, respectively. The SPDES limit is 2.1 mg/l.

Miscellaneous

On January 31, 2011, staff contacted John Moffitt, Area Manager for Delaware Operations, regarding staffing at the facility. He stated that Mike Grecco was no longer employed by Delaware Operations and that he and Josh Vital will be overseeing the facility from hereon in.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Hunter Highlands WWTP

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

Comments

None.

Inspections

On March 1, 2011, 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: 'The yearly calibration is past due. Turn Key is scheduled to come and calibrate the flow meter as well as the turbidity meters next week.'

A follow up investigation was conducted on the positive pathogen detection for Giardia, reported by the DEP laboratory in December 2010. The new operator air lanced the Continuously Backwashing Upflow Dual Sand Filters (CBUDSF) last week and found the sand at the base of the units to have large amounts of solids embedded, creating clumps of sand. The lower section of sand was most likely not flowing upwards, reducing the backwash capability of the units. In all likelihood, they were not regularly lanced by the previous plant operator. They are scheduled to air lance on a regular basis from hereon in. This may have contributed to the repeated positive detection for Giardia at the facility.

SPDES Permit Exceedance(s)

On January 13, 2011, a DEP laboratory sample indicated an exceedance of CBOD5 with a sample result of 7.1 mg/l, exceeding the SPDES parameter limit of 5.0 mg/l.

On February 9, 2011, a DEP laboratory sample indicated an exceedance of CBOD5 with a sample result of 8.4 mg/l, exceeding the SPDES parameter limit of 5.0 mg/l.

Enforcements

On February 01, 2011, staff delivered a Verbal Warning for a DEP Exceedance occurring on 01/13/2011 for a CBOD5 value of 7.1mg/l. The SPDES limit is 5.0 mg/l.

On February 11, 2011, staff delivered a Verbal Warning for a DEP Exceedance occurring on 02/09/2011 for a CBOD5 value of 8.4 mg/l. The SPDES limit is 5.0 mg/l.

Miscellaneous

None

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Kraft Dairy (Cooling Water)

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

Comments

None.

Inspections

None.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: L'man Achai (Camp) WWTP

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Pepacton	NY0104957	No	Yes	No

Comments

None.

Inspections

None.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Machne Tashbar (camp)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Schoharie	NY0263061	No	Yes	No

Comments

None.

Inspections

None.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Margaretville (V) WWTP

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

Comments

None.

Inspections

On March 28, 2011, 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
April 2011

Facility: Morningstar/Ultra Dairy, Non-Contact Cooling Water

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

Comments

None.

Inspections

None.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Mountain View Estates

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

Comments

None.

Inspections

On March 3, 2011, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D1. Zenon Anoxic zone' received a rating of Marginal with comments: 'There are a couple of slight leaks on the steel SBR tank at the location of the welded seams on both sides of the anoxic zone. Zenon wanted the operators to empty the tank and take photos of the weld from the inside. They have done that and forwarded them to Zenon. The inside of that tank is not coated. The only tank that is coated is the digester tank. Zenon will coordinate with the facility operator and engineer to resolve this issue.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Mountainside Farms-Worcester Creameries (Lagoon)

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

Comments

None.

Inspections

On March 2, 2011, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'C5 UV' received a rating of Marginal with comments: 'UV unit display not working 100%. Intensity remotely measured by technician at 6-9 mw/cm² range during previous service so microbial kill rate should be adequate. Newly installed control board malfunctioned ten days after installation; will be replaced by vendor. Time = 1018 hours on unit two, intensity =2.3mw/cm². Unit one data unavailable due to board issue.'

SPDES Permit Exceedance(s)

On January 5, 2011, a DEP laboratory sample indicated an exceedance of Phosphorus with a sample result of 0.64 mg/l, exceeding the SPDES parameter limit of 0.5 mg/l.

On January 5, 2011, a DEP laboratory sample indicated an exceedance of Solids - Suspended with a sample result of 27 mg/l, exceeding the SPDES parameter limit of 10 mg/l.

On January 26, 2011, a DEP laboratory sample indicated an exceedance of Phosphorus with a sample result of 0.55 mg/l, exceeding the SPDES parameter limit of 0.5 mg/l.

On January 26, 2011, a DEP laboratory sample indicated an exceedance of pH with a sample result of 6.1 S.U., exceeding the SPDES parameter limit of Min (6.5 S.U.) – Max (8.5 S.U.).

On February 16, 2011, a DEP laboratory sample indicated an exceedance of Solids - Suspended with a sample result of 16.7 mg/l, exceeding the SPDES parameter limit of 10 mg/l.

On February 16, 2011, a DEP laboratory sample indicated an exceedance of Phosphorus with a sample result of 0.56 mg/l, exceeding the SPDES parameter limit of 0.5 mg/l.

Enforcements

On January 19, 2011, staff delivered a Verbal Warning for a DEP Total Suspended Solids (TSS) and Phosphorus exceedance occurring on 01/05/2011. The facility is currently under a DEC consent order; a full plant modification is in design.

On February 23, 2011, staff delivered a Verbal Warning regarding recent TSS, pH and phosphorus exceedances. Cold temperatures and WWTP upset conditions affected effluent quality. The discharge is subsurface for this facility and does not have a direct impact on the water supply.

The facility is currently under a DEC consent order; a full plant modification is in design.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Oh-Neh-Tah (Camp) WWTP

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

Comments

A full upgrade of the entire camps collection and treatment systems has reached the functional complete stage. All of the equipment was operated and worked well. The system has been shut down and winterized. The system will be used for the next camp season. There is a punch list of pending work items for the spring of 2011.

Inspections

None.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Olive Woods (Woodstock Percussion) WWTP

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

Comments

None.

Inspections

On February 25, 2011, 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
April 2011

Facility: Onteora Jr-Sr High School WWTP

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Ashokan	NY0099856	Yes	No	Yes

Comments

The facility is conveying sewage to the newly operational Boiceville WWTP. The Onteora Jr-Sr High School WWTP will be decommissioned and the permit will be deleted in the summer of 2011. While the plant no longer processes wastewater, the facility still records a discharge due to I&I and must continue to operate in accordance with the SPDES permit.

Inspections

On February 25, 2011 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

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

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

Comments

None.

Inspections

On February 15, 2011, staff performed a Reconnaissance Inspection of the facility. Facility was in good condition, accessible and being checked weekly by camp winter staff. Discussed proposed repairs to sand filter bed #3 with owner's representative.

On March 02, 2011, staff performed a Reconstruction Inspection of the facility. Sand filter bed #3 is being repaired; sand and distribution piping removed to expose liner.

On March 04, 2011, staff performed a Reconstruction Inspection of the facility. LVDV Operations and Lamont Engineering are working to expedite repairs to sand filter bed #3. All sand media removed, all piping removed and membrane exposed. Several potential leaks were identified. The engineer is working with the membrane supplier to identify a proper repair method. Hydraulic testing will be done to verify integrity of repair.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Pine Hill (V) WWTP

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

Comments

None.

Inspections

On March 25, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On January 4, 2011, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 4.0 mg/l., exceeding the SPDES parameter limit of 2.2 mg/l.

On January 18, 2011 a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 3.3 mg/l., exceeding the SPDES parameter limit of 2.2 mg/l.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Prattsville (v) WWTP

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

Comments

None.

Inspections

On March 29, 2011, 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
April 2011

Facility: Richardson Hill Road Landfill

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

Comments

None.

Inspections

None.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Roxbury Lift Station

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

Comments

None.

Inspections

None.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Roxbury Run Village WWTP

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

Comments

None.

Inspections

On March 25, 2011, 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: 'The influent flow meter at the facility does not work. They do not have an indication of influent flow however they use the EQ tank weir to control forward flow and for process control. The DEC agreed to let the facility use the microfiltration flow meters to report flow on the DMR, however, the SPDES permit and the DMR still list the flow as influent. A formal request should be made to DEC to modify to effluent flow.'

Item: 'B3. Comminutor' received a rating of Unsatisfactory with comments: 'The comminutor is not working now and should be repaired. The manual bar screen was in service.'

Item: 'C1. Aerated E.Q. Tank' received a rating of Marginal with comments: 'The tank was about one third full. The liquid in the tank was milky white. There may have been some painting being done in the complex, with brushes and rollers cleaned in sinks. According to the operators, this condition was short lived.'

SPDES Permit Exceedance(s)

On January 19, 2011, a DEP laboratory sample indicated an exceedance of pH with a sample result of 6.49 S.U., exceeding the SPDES parameter limit of Min (6.5 S.U.) – Max (8.5 S.U.).

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Stamford (V) WWTP

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

Comments

None.

Inspections

On January 31, 2011, 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: 'Inordinate amounts of oils and grease observed within the influent waste stream. Excess grease within the influent channel may impact process and grit removal. Recommend village enforce sewer use law related to how commercial users handle grease discharge and inspection of grease traps for proper operation and maintenance.'

SPDES Permit Exceedance(s)

On February 3, 2011, a DEP laboratory sample indicated an exceedance of pH with a sample result of 5.88 S.U., exceeding the SPDES parameter limit of Min (6.0 S.U.) – Max (8.5 S.U.).

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Tannersville (V) WWTP

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

Comments

None.

Inspections

On January 25, 2011, 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 during heavy rain still have not been addressed. This is a significant issue since water dripping on sensitive electromechanical and electronic systems can render them inoperative which will affect the plants ability to effectively treat the incoming wastewater. These roof leaks should be repaired as soon as practicable to prevent costly damage to the facility.'

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Timber Lake (Camp) WWTP

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

Comments

This facility has a seasonal SPDES permit and is in operation for the summer months only.

Inspections

None.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Walton (V) WWTP

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

Comments

None.

Inspections

On March 22, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On March 22, 2011, staff was notified of approximately 600 gallons that overflowed from two wet wells during the heavy rainfall on 03/11/2011. The overflow was contained on the facility grounds; no spillage into any watercourse occurred. The operator will consult with Delaware Engineering to minimize the impact of I&I on the facility.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Windham (T) WWTP

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

Comments

None.

Inspections

On March 1, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

On February 02, 2011, staff delivered a Verbal Warning for elevated BOD levels on 01/06/2011 and 01/19/2011 with values of 7.5 mg/l and 5.5 mg/l, respectively. The limit is 30.0 mg/l.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Carmel Sewer District #2

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

Comments

None.

Inspections

On March 08, 2011, staff performed a Quarterly Inspection of the facility. The excess hydraulic load caused by heavy rain led to all available tankage being filled; the plant had no capacity to accommodate the overload. From 10:00 pm on March 6th through and 4:00 am March 7th, the plant experienced its peak flow rates, exceeding 3,000 gpm, causing the parshall flume to overflow. The spill was chlorinated and contained within the plant grounds. The microfilters could not handle the peak flows; a bypass was instituted to protect the treatment equipment.

SPDES Permit Exceedance(s)

On January 3, 2011, a DEP laboratory sample indicated an exceedance of effluent pH with a sample result of 6.46 S.U., exceeding the SPDES parameter limit of Minimum (6.5 S.U.) – Maximum (8.5 S.U.).

Enforcements

None.

Miscellaneous

On February 16, 2011, a Report of Noncompliance Event was filed with the DEC/DEP, for an event occurring in February 2011. The contract laboratory was unable to analyze weekly Carbonaceous Biochemical Oxygen Demand (CBOD) and fecal coliform samples due to an evacuation of the laboratory due to snow and ice accumulation and subsequent collapse of their building roof.

On March 14, 2011, a Report of Noncompliance Event was filed with the DEC/DEP, for an event occurring in March 2011. The microfilters and rapid sand filters could not accommodate the excessive hydraulic loads caused by the heavy rains on March 7th and March 11th and were subsequently bypassed.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Clear Pool Camp

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

Comments

None.

Inspections

On February 15, 2011, 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
April 2011

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 March 15, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

On January 14, 2011, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 4.32 mg/l, exceeding the SPDES parameter limit of 2.0 mg/l. There were no abnormal conditions at the facility that may have led to this exceedance. This result is from a grab sample; not a six-hour composite sample in accordance with the SPDES permit requirement.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Lake Plaza

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Croton Falls	NY0143693	Yes	No	No

Comments

None.

Inspections

On January 05, 2011, staff performed an upgrade inspection of the facility. The pipeline installation to the Route 6 trunk line is progressing.

On January 10, 2011, staff performed an upgrade inspection of the facility. The contractor is laying connection pipe toward the K-Mart plaza. The gen-set will arrive next week.

On January 20, 2011, staff performed an upgrade inspection of the facility. The gen-set has been installed. The contractor continues to run laterals to the buildings.

On February 09, 2011, staff performed an upgrade inspection of the facility. The contractor continues to lay connection pipe toward the K-Mart plaza.

On February 15, 2011, staff performed a Reconnaissance Inspection of the facility. The new pump station is on line; there is no longer a surface discharge from this facility. Proper decommissioning must be completed before the SPDES permit can be deleted. The existing treatment facility will be demolished starting this week.

On February 28, 2011, staff performed a Reconnaissance Inspection of the facility. The sand filters have been removed.

On March 09, 2011, staff performed a Reconnaissance Inspection of the facility. The floor drains backed up into the building that was to be removed. Water was pumped into the pump station for removal. Before the building can be removed, the asbestos ceiling must be removed.

On March 17, 2011, staff performed a Reconnaissance Inspection of the facility. No movement on removing the asbestos ceiling within the plant.

On March 22, 2011, staff performed a Reconnaissance Inspection of the facility. There is still no action on removing the asbestos ceiling.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Lewisboro Elementary School

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

Comments

None.

Inspections

On March 15, 2011, 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
April 2011

Facility: Mahopac

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

Comments

None.

Inspections

On January 20, 2011, 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
April 2011

Facility: Meadows at Cross River

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

Comments

None.

Inspections

On January 19, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On March 18, 2011, a Report of Noncompliance Event was filed with the DEC/DEP, for an event occurring in February 2011. The effluent total phosphorus result was 1.52 mg/l where the limit is 1.0 mg/l. The cause of the violation is unknown; plant processes were running normally and all in-house process control testing measured <1.0 mg/l. No actions were taken but DEP will continue to monitor.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Michelle Estates

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

Comments

None.

Inspections

On March 2, 2011, 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
April 2011

Facility: North Castle and Harrison Pump Stations

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

Comments

None.

Inspections

On March 11, 2011, staff performed a Reconnaissance Inspections of the sewage pump stations facility in response to heavy rains throughout the week. DEP contacted the town's water and sewer departments and confirmed all pump stations were operational with no overflows or power loss due to the weather.

RCI conducted compliance inspections throughout the first quarter of 2011 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
April 2011

Facility: Ralph Morando Building (inactive)

Basin	SPDES	Inspected	Seasonal WWTP	Report Sent to Owner
Croton Falls	NY0062561	No	No	No

Comments

None.

Inspections

None.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

None.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: Waccabuc Country Club

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

Comments

None.

Inspections

On January 05, 2011, staff performed an upgrade inspection of the facility. Roof trusses are not yet in place. Installing two inch water main from plant building for supply. Contractor is pumping out 5,000 gallons per day from the facility septic tanks during construction of the upgrade. Dye tests were performed to locate sources of infiltration.

On January 24, 2011, staff performed an upgrade inspection of the facility. Roof trusses were being installed.

On February 3, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory. The footprint of the new WWTP is on the subsurface sand filter beds. During construction of the facility upgrade, the club's septic tanks are pumped daily to avoid a discharge from the facility.

On March 16, 2011, staff performed an upgrade inspection of the facility. The exterior board and batten siding is being installed. Plumbing and electrical work is continuing.

On March 31, 2011, staff performed an upgrade inspection of the facility. Three exterior walls have been covered. Two major leaks within the collection system were found and repaired. This action dropped the influent rate to a more manageable two gallons per minute. One lightly used house has to be checked for sump pump connections to the sewerage system. The owner is not present at the house during the winter; the club will make every attempt to contact him.

SPDES Permit Exceedance(s)

None.

Enforcements

None.

Miscellaneous

On March 23, 2011, DEP attended a construction progress meeting. The country club has reopened for business. The contractor has completed the CCTV inspection and has discovered some sources of infiltration to the system; measures will be taken to remediate. The contractor is awaiting approval from the engineer for sizing of the facility EQ tank. The catwalk and PVC ceiling for the MBR tank has been ordered and is expected for delivery on site in the next two weeks. The expected date of functional completion is mid-May 2011.

NYCDEP WWTP Inspection Program
EPA FAD Deliverable 6.2
April 2011

Facility: West Lake Sewer Extension

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

Comments

None.

Inspections

Mr. Tom Baremore performed inspections of the West Lake Trunk Sewer monthly throughout first quarter of 2011 in conjunction with his 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.