

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

**Wastewater Treatment Plant Compliance Inspection Reports  
Summary – 3<sup>rd</sup> and 4<sup>th</sup> quarter 2013**

**February 20, 2014**

*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*

Prepared by: **Wastewater Treatment Plant Compliance and Inspection Programs**  
Bureau of Water Supply  
Division of Watershed Protection and Planning  
Andrew E. Stor, Program Manager  
Dennis Covello  
Paul Frey  
Paul LaFiandra  
George Reitwiesner  
Yuliy Shugol, P.E.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**TABLE OF CONTENTS**

**I. Introduction**

Inspection Program Goals  
Inspection Program Structure  
Compliance Inspection Report Content

**II. Wastewater Treatment Facility Compliance Inspection Reports**

**West-of-Hudson**

Andes (T)  
Ashland (V)  
Boiceville (V)  
Chichester (H)  
Delaware County BOCES  
Delhi (V)  
Elka Park  
Fleischmanns  
Friesland Campina - DOMO Non-Contact Cooling Water  
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)  
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)  
Lewisboro Elementary School  
Mahopac  
Meadows at Cross River Condominiums  
Michelle Estates  
North Castle and Harrison Pump Stations  
Waccabuc Country Club  
West Lake Sewer Extension

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**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.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Inspection Program Structure**

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

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

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

**Compliance Inspection Report Content**

This report meets the requirements of Filtration Avoidance Determination for the third and fourth quarter of 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.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Andes (T) WWTP**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Pepacton	NY0262854	Yes	No	Yes

**Comments**

None.

**Inspections**

On September 25, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 20, 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 operating under its final SPDES effluent limitations.

On July 25, 2013, DEP staff received the Asset Management Plan for the Town, prepared by the Engineer, as a condition within the Order on Consent. The plan was accepted by all the relevant regulatory agencies.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Ashland**

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

**Comments**

None.

**Inspections**

On September 26, 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 Marginal with comments: 'Bridge coming into facility being repaired by Goff GC., Culvert appears large enough to handle stream flow. The heaters and garage doors were serviced by operator.'

On November 18, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 27, 2013, staff performed a Reconnaissance Inspection of the facility. Following heavy rain, no overflows noted.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Boiceville (v) WWTP**

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

**Comments**

Hurricane Irene struck the Catskill region in August 2011. The Boiceville WWTP survived without any structural damage; water levels did reach the main floor level of the building. Through the storm, the facility experienced a full bypass of the tertiary treatment process; the wastestream/flood water was diverted into an off-line SBR and discharged through the UV disinfection process. The sand filter air compressor and control boxes that provide the air lift for the filtration process were submerged and destroyed by the flood. The facility did manually operate one out of the three sand filters through installation of a temporary air compressor while the lengthy deliberation of insurance (FEMA and building insurance) funding for a permanent resolution took place. The partnering process between the Town and DEP led to an advance of over \$110,000 by DEP to expedite the repairs; reconciliation for this FEMA approved sum will be performed. The rehabilitation of the sand filters included removal of the spent sand and replacement with new media, installation of new mechanical parts for the sand filters, new air compressor with auxiliary units, new electrical conduit, controls and panels. All compressors and electrical panels have been installed above the flood elevation. The filters were successfully tested and fully restored by the summer of 2013. Additional site work for the stormwater controls such as dredging out the sedimentation pond, flushing out the sedimentation outfall pipe to the stream and installation of fencing around the detention basins was completed.

**Inspections**

On September 23, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 15, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

Multiple Reconstruction Inspections were performed by DEP staff to assess the progress of the rehabilitation work on the sand filters that were damaged during Hurricane Irene. All contract items and start-up and performance testing are completed. The facility is fully operational.

**SPDES Permit Exceedance(s)**

On September 1, 2013, DMR monitoring data indicated a violation of CBOD5 DAILY MAX with a sample result of 5.8 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. The facility was operating under the start-up and performance testing period for the newly installed sand filters. 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.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Chichester (H) SSTS**

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

**Comments**

None.

**Inspections**

On August 16, 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. No breakouts noted in leach field. Operator working on resolving intermittent I&I issues.'

On December 30, 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**

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

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Delaware BOCES WWTP**

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

**Comments**

None.

**Inspections**

On August 19, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 5, 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: 'New SBR motor installed on #1 SBR working well, good settling and color in tank. SBR #2 also in use. Control card replaced due to overload. High turbidity (30 NTU) coming off of the sand filter may be attributable to an SBR condition. Operator is adjusting process cycles for optimum removal efficiencies.'

Item: 'D3. Rapid Sand Filters' received a rating of Marginal with comments: 'Unit operational but not operating efficiently. Operator switched to PAC from Ferric Chloride, filter unit may be adjusting. High feed turbidity coming off the sand filter (30 NTU) to MF units. Operator should continue to assess feed and filtrate removals from the sand filter.'

**SPDES Permit Exceedance(s)**

On October 1, 2013, a DMR monitoring result indicated a violation of effluent pH minimum with a sample result of 6.3 S.U., below the SPDES minimum of 6.5 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. On October 29, 2013, a Report of Noncompliance Event was filed with DEC/DEP, for the aforementioned SPDES violation. The cause of the low pH result was due to chemical feed pump failure. The damaged pump was replaced and the pH readings have stabilized. DEP laboratory data indicates full compliance with the SPDES parameter limitations.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Delhi (V) WWTP**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0020265	Yes	No	Yes

**Comments**

None.

**Inspections**

On September 23, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 22, 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  
February 2014

**Facility: Elka Park WWTP**

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

**Comments**

None.

**Inspections**

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

On December 12, 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  
February 2014

**Facility: Fleischmanns (V) WWTP**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Pepacton	NY0261521	Yes	No	Yes

**Comments**

None.

**Inspections**

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

On October 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  
February 2014

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

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

**Comments**

None.

**Inspections**

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

**SPDES Permit Exceedance(s)**

On November 1, 2013, a DMR monitoring result indicated a violation of effluent temperature with a sample result of 74 degrees Fahrenheit exceeding the SPDES limit of 70 degrees Fahrenheit. On November 5, 2013, a Report of Noncompliance Event was filed with DEC/DEP, for the aforementioned SPDES violation. High effluent temperature was attributable to low plant flow at the time of the excursion. This is an uncommon situation for this time of year. All metering equipment is in good working condition.

**Enforcements**

None.

**Miscellaneous**

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

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Grahamsville (V) WWTP**

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

**Comments**

None.

**Inspections**

On July 29, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 6, 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  
February 2014

**Facility: Grand Gorge (V) WWTP**

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

**Comments**

None.

**Inspections**

On July 10, 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.'

On November 13, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory. DEP operations directorate has addressed and repaired the roof damage.

**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  
February 2014

**Facility: Hanah Country Club WWTP**

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

**Comments**

None.

**Inspections**

On September 12, 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 - 1,020,494 and Meter # 2- 13,221,976. Meters need to be calibrated annually.'

Item: 'D2. Clarifier' received a rating of Unsatisfactory with comments: 'The flocc mixing unit is out of service and has been removed. The clarifier is still in use, effluent clarity is acceptable.'

On December 20, 2013, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D2. Clarifier' received a rating of Unsatisfactory with comments: 'The flocc mixing unit is out of service and has been removed. The clarifier is still in use, effluent clarity is acceptable.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Hobart (V) WWTP**

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

**Comments**

None.

**Inspections**

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

On October 30, 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  
February 2014

**Facility: Hunter (V) WWTP**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0241075	Yes	No	Yes

**Comments**

None.

**Inspections**

On September 24, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 5, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 30, 2013, staff performed a Reconnaissance Inspection of the Liftside pump station in the Town of Hunter to investigate an overflow from a manhole reported earlier that day. The manhole that overflowed was the second to last one prior to the pump station. Approximately 1.25 inches of rainfall along with the flow from the Hunter Mountain Ski center during a busy holiday week combined with the backwash from the Town drinking water plant was too much hydraulic load for the lift pumps to keep up with. The operators saw a peak in the pump station flow meter and responded immediately. They contacted the drinking water operator who stopped the backwash process; shortly after the pump station was able to catch up with the flow. They did not have to use an emergency trash pump as they normally do in response to an overflow. The overflow was contained to the area in and around the manhole. The spill had traveled down the bank and met with the water from a roadside ditch but, fortunately, the flow from that ditch does not travel into the Schoharie. All the relevant regulatory agencies were notified of this event.

**SPDES Permit Exceedance(s)**

On July 1, 2013, DMR monitoring data indicated a violation of TSS DAILY MAX with a sample result of 11 mg/l, exceeding the SPDES limit of 10 mg/l. This was a split sample conducted with the DEP laboratory; DEP analysis resulted in a reading of 3.8 mg/l. The operators contacted the lab about the difference; they requested a larger sample volume for greater accuracy on lower concentrations. 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**

The lateral replacement project for the Colonels Chair collection system is complete. All of the house laterals have been replaced by the homeowners. The WWTP is seeing a reduction of approximately 10,000 GPD on average with greater reductions seen during storm events.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Hunter Highlands WWTP**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0061131	Yes	No	Yes

**Comments**

None.

**Inspections**

On September 5, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

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

**SPDES Permit Exceedance(s)**

On October 1, 2013, DMR monitoring data indicated a violation of CBOD5 DAILY MAX with a sample result of 6.2 mg/l exceeding the SPDES limit of 5.0 mg/l. DMR monitoring data also indicated a violation of CBOD5 LBS DAILY MAX with a sample result of 2.05 mg/l exceeding the SPDES limit of 1.67 mg/l. On October 18, 2013, a Report of Noncompliance Event was filed with DEC/DEP, for the aforementioned SPDES violations. High effluent CBOD due to excessive influent loading, the CBOD effluent percent removal was superb indicating carbonaceous removal efficiency within the biological process. The operator made some process adjustments to accommodate the organic load and cleaned biofilm from the post-aeration tank. 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.

On December 1, 2013, DMR monitoring data indicated a violation of CBOD5 DAILY MAX with a sample result of 8.3 mg/l exceeding the SPDES limit of 5.0 mg/l. On December 5, 2013, a Report of Noncompliance Event was filed with DEC/DEP, for the aforementioned SPDES violation. High effluent CBOD attributable to a faulty check valve on the de-chlorination feed line. An excess amount of sodium thiosulfate siphoned into the final effluent tank. The check valve was replaced and the feed location was moved to an elevation where siphoning can be avoided. DEP laboratory data indicates full compliance with all SPDES parameters.

On December 1, 2013, DMR monitoring data indicated a violation of NH3 WINTER DAILY MAX with a sample result of 3.6 mg/l exceeding the SPDES limit of 2.0 mg/l. On December 5, 2013, a Report of Noncompliance Event was filed with DEC/DEP, for the aforementioned SPDES violation. High effluent NH3 attributable to excessive influent loading, heavy rainfall prior to the violation filled the plant equalization lagoon. This side-stream process would have normally stored the plant influent longer to control the organic load through the process. The situation was apparently unavoidable, the operator made some process adjustments to accommodate the organic load. DEP laboratory data indicates full compliance with all SPDES parameters.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

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

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

**Comments**

None.

**Inspections**

On December 20, 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 only. It is not related to the industrial pre-treatment facility for their process water.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: L'man Achai (Camp) WWTP**

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

**Comments**

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

**Inspections**

On July 17, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 12, 2013, staff performed a Reconnaissance inspection for the post-season shut down 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  
February 2014

**Facility: Machne Tashbar (seasonal camp)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0263061	Yes	Yes	Yes

**Comments**

None.

**Inspections**

On July 23, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On November 4, 2013, staff performed a Reconnaissance 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  
February 2014

**Facility: Margaretville (V) WWTP**

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

**Comments**

None.

**Inspections**

On August 14, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 22, 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  
February 2014

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

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0068292	Yes	No	Yes

**Comments**

None.

**Inspections**

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

**SPDES Permit Exceedance(s)**

On July 1, 2013, DMR monitoring data indicated a violation of TEMP with a sample result of 85 degrees Fahrenheit exceeding the SPDES limit of 80 degrees Fahrenheit. A Report of Noncompliance Event was filed with DEC/DEP for the aforementioned reading. The cause of the violation is unknown. All metering equipment is in good working condition.

On August 1, 2013, DMR monitoring data indicated a violation of TEMP with a sample result of 84 degrees Fahrenheit exceeding the SPDES limit of 80 degrees Fahrenheit. A Report of Noncompliance Event was filed with DEC/DEP for the aforementioned reading. The cause of the violation is unknown. All metering equipment is in good working condition.

**Enforcements**

None.

**Miscellaneous**

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

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Mountain View Estates**

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

**Comments**

None.

**Inspections**

On September 26, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 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  
February 2014

**Facility: Mountainside Farms-Worcester Creameries (Lagoon)**

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

**Comments**

None.

**Inspections**

On September 27, 2013, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'C1. Clarifier' received a rating of Marginal with comments: 'Cloudy effluent on a regular basis.'

Item: 'C5 UV' received a rating of Marginal with comments: 'Foam in the trough on a regular basis. UV intensity values usually run on the lower side.'

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

Item: 'C5 UV' received a rating of Marginal with comments: 'Foam in the trough on a regular basis. UV intensity values usually run on the lower side.'

Numerous upgrade construction inspections were conducted and monthly progress meetings were attended by DEP staff. All of the equipment inside the tanks and buildings are installed. The electric work and control wiring are complete. Main electric supply was connected by NYSEG and the back-up generator is set. HVAC work in the buildings is complete. They have filled the EQ tanks and will start to test the other tanks and equipment throughout the clean water start-up. They will be bringing in seed sludge and feeding some of the dairy waste into the EQ tanks to increase the MLSS and bring the membrane bioreactor (MBR) unit on-line.

**SPDES Permit Exceedance(s)**

The facility self-monitoring data and DEP laboratory readings indicates numerous violations of the SPDES permit for pH for the July, August, September, October and December 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 an 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. Functional Completion is scheduled for February 2014.

**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.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

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

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0205460	No	Yes	No

**Comments**

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

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

**Inspections**

None.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Olive Woods (Woodstock Percussion) WWTP**

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

**Comments**

None.

**Inspections**

On September 23, 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.'

On November 26, 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.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

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

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NY0069957	Yes	Yes	Yes

**Comments**

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

**Inspections**

On July 18, 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: 'E4. Compressors' received a rating of Unsatisfactory with comments: 'The Atlas Copco compressor #1 is out of service and needs to be rebuilt. Vendor was contacted at the start of the season and has not scheduled a visit yet.'

On Nov 13, 2013, staff performed a Reconstruction Inspection for the post-season shut down of the facility. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On July 1, 2013, DMR monitoring data indicated a violation of NH3 DAILY MAX with a sample result of 2.11 mg/l exceeding the SPDES limit of 1.5 mg/l. A Report of Noncompliance Event was filed with DEC/DEP for the aforementioned reading. High flows to the plant led to lower recycle rates within the recirculating sand filters and caused a slow-down in nitrification. The ion exchange vessel was regenerated to optimize its application for ammonia removal. DEP laboratory data indicates full compliance with all SPDES parameters.

On July 1, 2013 DMR monitoring data indicated a violation of NITRATE DAILY MAX with a sample result of 17.1 mg/l exceeding the SPDES limit of 10 mg/l. A Report of Noncompliance Event was filed with DEC/DEP for the aforementioned reading. The operator feels this is an anomalous event; no cause is given by the facility. The operator will closely monitor the pH of the feed water. The ion exchange vessel was regenerated to optimize its application for nitrate removal. DEP laboratory data indicates full compliance with all SPDES parameters.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Pine Hill (V) WWTP**

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

**Comments**

None.

**Inspections**

On September 26, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 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  
February 2014

**Facility: Prattsville (v) WWTP**

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

**Comments**

None.

**Inspections**

On September 12, 2013, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:  
Item: 'F4. Plate & Frame Press' received a rating of Unsatisfactory with comments: 'The shifter for the plates is out of service. The press can't be used at this point. The part stopped working suddenly during the last press run. The operators are in contact with the manufacturer. This condition is a side-stream process and does not impact effluent quality.'

On December 3, 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  
February 2014

**Facility: Richardson Hill Road Landfill**

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

**Comments**

None.

**Inspections**

On December 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  
February 2014

**Facility: Roxbury Lift Station**

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

**Comments**

None.

**Inspections**

On August 6, 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  
February 2014

**Facility: Roxbury Run Village WWTP**

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

**Comments**

None.

**Inspections**

On August 21, 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.'

On November 20, 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.'

Item: 'E4. Effluent condition' received a rating of Marginal with comments: 'The turbidity meter needs to be calibrated.'

**SPDES Permit Exceedance(s)**

On July 1, 2013, DMR monitoring data indicated a violation of FECAL COLIF 7 DAY AVG with a sample result of too numerous to count (TNTC) exceeding the SPDES limit of 400 cfu/100ml. The operators re-sampled on the July 18th and July 28th with results of 320 cfu/100ml and < 2 cfu/100ml respectively. The <2 cfu/100ml value was from a second laboratory. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. DEP laboratory data indicates full compliance with all SPDES parameters.

On August 1, 2013, DMR monitoring data indicated a violation of FECAL COLIF 7 DAY AVG with a sample result of 500 cfu/100ml exceeding the SPDES limit of 400 cfu/100ml. There did not appear to be any mechanical or process control abnormalities that could have led to this reading. DEP laboratory data indicates full compliance with all SPDES parameters.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Stamford (V) WWTP**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0021555	Yes	No	Yes

**Comments**

None.

**Inspections**

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

On October 30, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On December 1, 2013, DMR monitoring data indicated a violation of TURBIDITY with a sample result of 50.62 NTU exceeding the SPDES maximum of 5.0 NTU. On December 22, 2013, a Report of Noncompliance Event was filed with DEC/DEP, for the aforementioned SPDES violation. The reported effluent turbidity was not reflective of actual discharge, but was instead attributable to lack of sample flow to the turbidity meters, causing the >50 NTU spike. The process operation (shut down of turbine pumps to facilitate influent wet well cleaning) that caused the meter flow issue will not be repeated. There did not appear to be any other 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 and filtration process. DEP laboratory data indicates full compliance with all SPDES parameters.

**Enforcements**

None.

**Miscellaneous**

On August 19, 2013, staff was notified that diffusers were being replaced in aeration tank #2.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Tannersville (V) WWTP**

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

**Comments**

None.

**Inspections**

On July 23, 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.'

On November 7, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory. DEP operations directorate has addressed and repaired the roof damage.

**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  
February 2014

**Facility: Timber Lake (Camp) WWTP**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Ashokan	NY0240664	Yes	Yes	Yes

**Comments**

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

**Inspections**

On July 30, 2013, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'E4. Effluent Pipe' received a rating of Unsatisfactory with comments: 'A discharge sign needs to be installed at the outfall.'

On August 28, 2013, staff performed a Reconnaissance Inspection of the facility. All of the campers are gone, only staff is onsite. The flow was 13 GPM with an effluent turbidity of 0.07 NTU and the UV disinfection meter showed 100 % intensity.

On September 26, 2013, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'E4. Effluent Pipe' received a rating of Unsatisfactory with comments: 'A discharge sign needs to be installed at the outfall.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On August 6, 2013, staff contacted the facility requesting information for the equipment calibration. The Turbidimeters had new bulbs installed and calibrated on June 23, 2013. The effluent flow meter was also calibrated on June 23, 2013.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Walton (V) WWTP**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Cannonsville	NY0027154	Yes	No	Yes

**Comments**

None.

**Inspections**

On August 19, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 2, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On September 4, 2013, staff received revised plans for the HVAC upgrade in CBUDSF and dechlorination buildings.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Windham (T) WWTP**

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

**Comments**

None.

**Inspections**

On September 24, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 5, 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  
February 2014

**Facility: Carmel Sewer District #2**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Croton Falls	NY0031356	Yes	No	Yes

**Comments**

None.

**Inspections**

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

On December 5, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On October 17, 2013, the collection system for the Carmel Sewer District #2 WWTP experienced an overflow from the lift station located on Stoneleigh Avenue. A variable feed rive (VFD) fault led to a shutdown of the lift pumps, the resulting discharge from the wetwell was estimated at 1,500 gallons. Operations staff responded to the alarm condition, the VFD was immediately replaced and a vacuum truck removed the contents of the wetwell. Approximately 500 gallons of standing water and debris was recovered from the overflow.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Clear Pool Camp**

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

**Comments**

None.

**Inspections**

On August 13, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 3, 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  
February 2014

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

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

**Comments**

None.

**Inspections**

On September 17, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 18, 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  
February 2014

**Facility: Lewisboro Elementary School**

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

**Comments**

None.

**Inspections**

On September 17, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On December 18, 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  
February 2014

**Facility: Mahopac**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Croton Falls	NY0026590	Yes	No	Yes

**Comments**

None.

**Inspections**

On July 1, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

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

**SPDES Permit Exceedance(s)**

On July 1, 2013, a DMR monitoring result indicated a violation of effluent temperature with a sample result of 78 degrees Fahrenheit, exceeding the SPDES limit of 70 degrees Fahrenheit.

On August 1, 2013, a DMR monitoring result indicated a violation of effluent temperature with a sample result of 73 degrees Fahrenheit, exceeding the SPDES limit of 70 degrees Fahrenheit.

On September 1, 2013, a DMR monitoring result indicated a violation of effluent temperature with a sample result of 75 degrees Fahrenheit, exceeding the SPDES limit of 70 degrees Fahrenheit.

**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  
February 2014

**Facility: Meadows at Cross River**

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

**Comments**

None.

**Inspections**

On July 3, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On October 9, 2013, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:  
Item: 'D5. Turbidimeter' received a rating of Unsatisfactory with comments: 'Units are off-line. ACS scheduled to repair.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

DEP staff confirmed the filtrate turbidimeter was repaired in January 2014. The pre-filter cartridge should be replaced.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

**Facility: Michelle Estates**

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

**Comments**

None.

**Inspections**

On August 9, 2013, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

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

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

DEP staff met with representatives from Keane Copleman (plant operator), Arcadis (facility consultant) and Katonah Management (owner) on several occasions to discuss the loss of media within the rapid sand filters. While this occurrence did not lead to a violation of the plant SPDES permit, it did provide an opportunity to troubleshoot the physical and operational parameters that led to this condition. There are a few possible causes for the media loss, including backwash pressure, flow and interval, controls sequence and maintenance of the filter bed. The DEP, the facility operator and the design consultant were commissioned to identify the potential causes of the media loss. The sand filter evaluation included reviewing the installation, control strategy and observing the current operation with the operator and sand filter manufacturer. The facility agreed to rebuild the filters with the proper layers of media, and have the manufacturer reprogram the controls. The design consultant has provided recommendations for proper operating procedures to maintain the sand filters in good working condition. The DEP has authorized the Owner and Arcadis to proceed with the recommendations; the consultant will circulate a request for proposal to all relevant parties for a brief internal review prior to contractor solicitation.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
February 2014

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

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

**Comments**

None.

**Inspections**

DEP conducted compliance inspections throughout the third and fourth 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  
February 2014

**Facility: Waccabuc Country Club**

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

**Comments**

None.

**Inspections**

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

On December 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  
February 2014

**Facility: West Lake Sewer Extension**

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

**Comments**

None.

**Inspections**

Staff performed inspections of the West Lake Trunk Sewer throughout the third and fourth 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**

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

