

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

**Wastewater Treatment Plant Compliance Inspection Reports  
Summary – 2<sup>nd</sup> Quarter 2011**

**July 22, 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  
July 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)  
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)  
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  
July 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  
July 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 second 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  
July 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  
July 2011

**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**

On June 21, 2011, staff attended a meeting in Kingston, NY with representatives from Cedarwood Engineering, PLLC (formerly Delaware Operations, Inc.) and NYSDEC regarding the proposed facility plan and funding details for the facility upgrade. Items under review include: revised site plan, MBR process design, hydraulic profile, schedule of values incorporating DEP and Andes cost share, O&M budget projections, construction schedule and phasing.

**Inspections**

On April 26, 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: '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 2/11/2011.'

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. Caustic soda now added at influent channel temporarily as normal feed line is repaired.'

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. Large particulate are trapped in pre-filter strainer.'

Item: 'D3. Microfiltration' received a rating of Marginal with comments: 'One microfiltration unit offline due to broken fitting. Unit was repaired and no violation occurred. This issue has plagued these high pressure units for some time. 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 April 22, 2011, staff was informed by the operator that a fitting on microfiltration unit #2 had broken over night and sprayed water on an adjacent electrical cabinet. The fitting was repaired and the unit was placed back on line at 6 AM on 04/22/2011. Plant flows were low enough at the time of the breakage; one microfiltration unit could handle the flow without bypassing.

On April 25, 2011, staff followed up with WWTP operations staff regarding status of microfilter and electrical panel. All issues resolved and WWTP fully operational.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**Facility: Ashland (V) WWTP**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Schoharie	NYS012345	No	No	No

**Comments**

None.

**Inspections**

None.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On April 05, 2011, staff met with facility design engineers from Lamont Engineering and facility general contractor representatives to discuss and evaluate the newly constructed facility. Clean water facility testing was performed and technicians from PALL microfiltration were on-site setting up the microfilter; SCADA setup was also performed. The WWTP appears >90% complete with final electrical, HVAC and plumbing work being expedited. DEP staff will be on-site periodically during final construction phases prior to beginning quarterly regulatory compliance inspections.

On June 13, 2011, staff performed an Upgrade Inspection. Facility groundwork and interior work predominately complete; punch list items remain. According to the facility contract operator, LVDV, functional completion is expected by late July 2011.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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**

None.

**Inspections**

On May 05, 2011, staff performed a Follow-up Inspection of the facility to investigate why there have been so many total phosphorus (TP) and ammonia (NH3) violations in the past few months. The chief operator stated that there was some sort of upset at the plant back in February 2011. An odd odor was detected in the plant; since then they were not able to get the one SBR tanks to settle properly. They put the second SBR tank on line to increase retention time and to avoid carry over of the solids blanket during the decant cycle. Prior to both tanks being in service, they were dosing Stern-PAC for a five minute duration and after both tanks were in service they dosed each one for three minutes (for a total of 6 minutes of dosing). This was not enough to meet the SPDES permitted limit for TP. Since then, they continuously increased the dose time to nine minutes on each tank. They finally started to meet the TP limit with values below 0.49 mg/l on 5/4 and 5/5. The reason for the upset is not known. The three NH3 violations occurred between 2/17 and 3/2 and there has not been any violations since then; the violations may have been caused by excess hydraulic load due to the heavy rain storms during the period. DEP will closely monitor follow up visit will be conducted next week.

On May 26, 2011, staff met with the design engineer, Jeff Hogan of Pretorius and Conrad Engineering, to discuss sequencing for investigation of the Onteora School collection system and I & I issues.

On May 27, 2011 RCI 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: Heavy rains overnight. 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: 'The total flow for the current day up to 1:00 pm is 16,000 gallons with Onteora School being closed. Yesterday with no rain the total flow was 22,000 gallons with the school open. The new collection system already experiences excessive I&I.'

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 operator stated that it was worse but is under control now. There was a filament problem and they have been adding Chlorine at the influent side of the tank to control activity in the tank. The SBR has not been settling well with the 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 PAC from 5 gals/day to 1 gal/day after increases showed no benefit. The SBR cycle is still being run by the D.O. level.'

**SPDES Permit Exceedance(s)**

On April 1, 2011, DMR data indicated a violation of PHOS 30 DAY AVG with a sample result of 1.3 mg/l, exceeding the SPDES parameter limit of 0.5 mg/l.

On April 6, 2011, a DEP sample indicated an exceedance of Phosphorous with a sample result of 0.7 mg/l, exceeding the SPDES parameter limit of 0.5 mg/l.

On April 20, 2011, a DEP sample indicated an exceedance of Phosphorous with a sample result of 0.86 mg/l, exceeding the SPDES parameter limit of 0.5 mg/l.



NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**Facility: Boiceville (v) WWTP (continued)**

On May 11, 2011, a DEP sample indicated an exceedance of Phosphorous with a sample result of 1.08 mg/l, exceeding the SPDES parameter limit of 0.5 mg/l.

**Enforcements**

On May 09, 2011, RCI staff delivered a Verbal Warning for DEP Exceedances occurring on 4/6/11 and 4/20/11 for Phosphorous exceedances with values of 0.70 mg/l and 0.86 mg/l.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 May 19, 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: 'The flow for a 24 hour time period was 75,270 gallons plus an unknown amount of overflow.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 June 7, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

On May 04, 2011, staff issued a Warning Letter regarding delays in installation of tank covers at the WWTP.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 April 12, 2011, staff performed a Reconstruction Inspection of the facility collection system. A contractor was engaged by the village to perform collection system pressure testing and leak repair in an effort to stem the negative affects of inflow and infiltration causing an inordinate increase in flow at the WWTP.

On May 9, 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  
July 2011

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

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On April 11, 2011, staff was contacted by the facility operator; the dissolved oxygen values were incorrect and the outfall vent pipe was going to be repaired soon.

On April 14, 2011, staff received an email for the DEP Laboratory; Elka Park repaired and replaced the damaged outfall pipe.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 April 26, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On May 1, 2011, a DEP sample indicated an exceedance of chlorine effluent residual daily max with a sample result of 0.4 mg/l, exceeding the SPDES parameter limit of 0.1 mg/l.

**Enforcements**

None.

**Miscellaneous**

On June 23, 2011, staff spoke to plant operator about the disinfection exceedance. DEP sample results are discordant with self-monitoring results along with the operational status of the WWTP for that period. The operator will monitor chlorine more closely.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**Facility: Friesland Campina - DOMO Non-contact Cooling Water (formerly DMV Nutritionals)**

<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 May 24, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On April 1, 2011, DMR data indicated a violation of TEMPERATURE with a sample result of 77 degrees, exceeding the SPDES parameter limit of 70 degrees.

On May 1, 2011, DMR data indicated a violation of PH MAX with a sample result of 9.7 S.U., exceeding the SPDES parameter limit of 8.5 S.U.

**Enforcements**

None.

**Miscellaneous**

On May 25, 2011, staff revised facility name from DMV Nutritionals to Friesland Campina-DOMO to reflect new facility ownership.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 April 18, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On May 1, 2011, DMR data indicated a violation of FECAL COLIF 30 DAY AVG with a sample result of 280 cfu/100ml, exceeding the SPDES parameter limit of 200 cfu/100ml.

**Enforcements**

None.

**Miscellaneous**

None.



NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 June 17, 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.'

Item: 'B2. Bar Screen' received a rating of Marginal with comments: 'Observed chunks of grease in the trough of the bypass bar screen.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**Facility: Hanah Country Club WWTP**

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

**Comments**

None.

**Inspections**

On June 6, 2011, 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: 'Weeds around the building, tanks and clarifier are very high making access to tanks very difficult.'

Item: 'A6. Preventative Maintenance' received a rating of Marginal with comments: 'The pH 10.0 buffer reagent and the Phosphorous reagent both expired on Jan 2010. They need to be replaced.'

Item: 'E1. Sub-Surface Discharge' received a rating of Marginal with comments: 'The weeds on the subsurface area are very high and need to be cut down.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 April 21, 2011, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D4. MICROFILTERS' received a rating of Marginal with comments: 'Two microfilter feed pumps recently experienced impeller failure; both have been rebuilt. Operator to replace cast iron impellers with bronze impellers so this doesn't happen again. HACH performs required annual calibration/servicing of MF unit turbidity meters; last done on 6/16/10, due 6/2011. MF units working to spec.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 June 7, 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  
July 2011

**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 June 7, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On May 1, 2011, DMR data indicated a violation of CBOD5 – percent removed with a sample result of 48%, exceeding the SPDES parameter limit of 85 %.

On May 1, 2011, DMR data indicated a violation of pH MAX with a sample result of 8.75 S.U., exceeding the SPDES parameter limit of 8.5 S.U.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 June 1, 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  
July 2011

**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**

None.

**Inspections**

On April 12, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On April 20, 2011, staff was notified by the contract operator that the microfilter compressors and driers were malfunctioning. This caused a problem with the air control valve on the microfilter unit. DEP recommended the compressors be temporarily repaired and kept as backups while new rotary compressors are specified and procured.

On June 20, 2011, staff contacted WWTP operations staff regarding facility readiness for upcoming camp season and also scheduled pre-season inspection. The plant is ready for operation. The sand filter beds are being recirculated and a temporary plan to facilitate compressor replacement is in place. Orenco valves are installed and microfilters are on stand-by. Beds will be recirculated with fresh waste until the recirculation tank is full, at which point forward flow will be directed to WWTP effluent.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**Facility: Machne Tashbar (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 June 20, 2011 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On June 16, 2011, staff contacted the new plant operator from Delaware Operations for an update on plant status and to schedule pre-season inspection. Facility operation staff will arrive June 30th and children will arrive on July 3rd. The wastewater treatment process has been started with addition of seed brought from the Hunter WWTP; wastewater is recirculating within the process train with no effluent discharge. New grinder pumps were installed in the influent pump station. UV disinfection system will be discontinued because of increases in the effluent temperature which violate SPDES permit criteria. The operator requested and received approval from NYSDEC for installation of a chlorination/de-chlorination system. A screen baffle will be installed at the opening of the mid-wall of the EQ tank (operational improvement).



NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 April 12, 2011, staff performed a Reconnaissance Inspection of the facility. The new temporary microfiltration system has been installed and is ready for testing; a compressor issue is the only unresolved item.

On May 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  
July 2011

**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 May 24, 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  
July 2011

**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 May 31, 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 was the digester tank. No repairs have been performed yet.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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**

DEP/EFC has completed review of the submitted 100% Preliminary Upgrade Plan for the facility upgrade; comments have been sent back to the design engineer.

**Inspections**

On May 17, 2011 RCI staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On April 1, 2011, DMR data indicated a violation of TSS DAILY MAX with a sample result of 23.0 mg/l, exceeding the SPDES parameter limit of 10.0 mg/l.

On April 1, 2011, DMR data indicated a violation of pH MIN with a sample result of 6.42 S.U., exceeding the SPDES parameter limit of 6.5 S.U.

On April 6, 2011, a DEP sample indicated an exceedance of Solids - Suspended with a sample result of 38.8 mg/l, exceeding the SPDES parameter limit of 10.0 mg/l.

On April 20, 2011, a DEP sample indicated an exceedance of Solids - Suspended with a sample result of 18.8 mg/l, exceeding the SPDES parameter limit of 10.0 mg/l.

On May 4, 2011, a DEP sample indicated an exceedance of Solids - Suspended with a sample result of 13.0 mg/l, exceeding the SPDES parameter limit of 10.0 mg/l.

On May 18, 2011, a DEP sample indicated an exceedance of Solids - Suspended with a sample result of 30.5 mg/l, exceeding the SPDES parameter limit of 10.0 mg/l.

**Enforcements**

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

**Miscellaneous**

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.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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>
Ashokan	NY0205460	Yes	Yes	Yes

**Comments**

None.

**Inspections**

On June 10, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On April 28, 2011, staff performed an Upgrade Inspection. Work starting again after the winter to complete punch list items. Grass seed and hay in place around the WWTP area.

On May 10, 2011, staff attended a progress meeting and performed an Upgrade Inspection. The work is complete on the cafeteria septic tank. The new operator was at the meeting and later went to the Windham WWTP with the DEP inspector to schedule a pick up of seed sludge to start off the biological process for the facility.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 May 13, 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  
July 2011

**Facility: Onteora Jr-Sr High School WWTP**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Ashokan	NY0099856	Yes	No	Yes

**Comments**

None.

**Inspections**

On May 20, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 26, 2011, staff met with the design engineer, Jeff Hogan of Pretorius and Conrad Engineering, to discuss sequencing for investigation of the Onteora School collection system and I & I issues.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**Facility: Oorah Camp 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**

None.

**Inspections**

On June 13, 2011 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A3. Safety' received a rating of Marginal with comments: 'Noted an oily substance at bottom of chemical containment units.'

Item: 'A4. Stand-By Power' received a rating of Marginal with comments: 'Generator "failure to start" indicator noted several times during the off-season. Genset at main pump station inoperative and out of fuel. Both gensets must be serviced.'

Item: 'D2. Open Bed Sand Filters' received a rating of Marginal with comments: 'Repairing leak in membrane liner of Bed #3. Leak at WWTP localized to bed #3 which was leaking through effluent pipe trench. Membrane in bed repaired and undergoing static hydraulic testing. Feed and collection piping and sand media need to be put back before final testing.'

Item: 'D6. Microfiltration (Pall)' received a rating of Marginal with comments: 'Turbidity meters need calibration, compressors need servicing, not done since 2009 per tag on unit. Units not chlorinated or circulated since 5/5/2011.'

On June 22, 2011, staff performed a Reconnaissance Inspection of the facility. Recirculating sand filter bed #3 has been repaired and the redundant ammonia removal vessel has been plumbed. DEC has issued approval for the modified flow limit of 25,000 gpd.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.



NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 June 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  
July 2011

**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 June 17, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On April 1, 2011, DMR data indicated a violation of UOD DAILY MAX with a sample result of 127.5 mg/l, exceeding the SPDES parameter limit of 125.0 mg/l.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 June 7, 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  
July 2011

**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	Yes

**Comments**

None.

**Inspections**

On June 06, 2011, staff performed a Quarterly Inspection. Tank is in good condition, cleaned and ready for use. Pumps in good order, pump head on one pump replaced. Noted some grease in wet well. Generator operational, 187.9 hours recorded on genset. Grounds are neat and orderly.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 June 6, 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 is in service.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 April 21, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On April 6, 2011, a DEP sample indicated an exceedance of Flow with a sample result of 0.858 MGD, exceeding the SPDES parameter limit of 0.7 MGD. This is an instantaneous reading; the SPDES permit limitation for effluent flow is a 30-day average. No violation occurred.

On May 4, 2011, a DEP sample indicated an exceedance of Flow with a sample result of 0.762 MGD, exceeding the SPDES parameter limit of 0.7 MGD. This is an instantaneous reading; the SPDES permit limitation for effluent flow is a 30-day average. No violation occurred.

**Enforcements**

None.

**Miscellaneous**

On April 19, 2011, a Report of Noncompliance Event was filed with DEC/DEP, for an event(s) occurring on: 3/1-31/2011. Monthly average flow for month (0.976 MGD) exceeds 0.7 MGD limit.

On May 17, 2011 a Report of Noncompliance Event was filed with DEC/DEP, for an event(s) occurring on: 5/16/2011. The dechlorination pump that supplies sodium thiosulfate failed overnight resulting in higher than permitted chlorine levels to be discharged to the East Branch Delaware River. The automated chlorine monitoring system that should have detected this also failed, however that was rectified and the operator plans on installing a redundant system so this does not occur again. The dechlorination pump was repaired before 8 am on 5/17/11 and the system is functioning normally.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 April 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  
July 2011

**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**

None.

**Inspections**

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

Item: 'A4. Safety (Training Equipment)' received a rating of Unsatisfactory with comments: 'There are multiple drums of chemicals stored on the floor with no containment.'

Item: 'A9. Testing Procedures' received a rating of Marginal with comments: 'A new log book is needed for record keeping. All of the testing chemicals and reagents are within the expiration date.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.



NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 May 23, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 01, 2011, staff performed a Reconstruction Inspection of the facility. HVAC systems in CBUDSF building and the dechlorination room were inspected and evaluated in relation to proposed replacement on the existing corroded HVAC systems.

**SPDES Permit Exceedance(s)**

On April 1, 2011, DMR data indicated a violation of TIME TURBIDITY with a sample result of 2809 minutes/month, exceeding the SPDES parameter limit of 2160 minutes/month.

On April 27, 2011, a DEP sample indicated an exceedance of Flow with a sample result of 1.76 MGD, exceeding the SPDES parameter limit of 1.55 MGD. This is an instantaneous reading; the SPDES permit limitation for effluent flow is a 30-day average. No violation occurred.

**Enforcements**

On May 04, 2011, staff issued a Warning Letter regarding required notification pertaining to non-compliance events.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 May 10, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On April 1, 2011, DMR data indicated a violation of SETTLE SOLIDS DAILY MAX with a sample result of 0.11 ml/l, exceeding the SPDES parameter limit of 0.1 ml/l.

On April 20, 2011, a DEP sample indicated an exceedance of Chlorine - Effluent with a sample result of 0.11 mg/l, exceeding the SPDES parameter limit of 0.1 mg/l.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 May 10, 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  
July 2011

**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 May 18, 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  
July 2011

**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 May 24, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On April 8, 2011, a DEP sample indicated an exceedance of Solids - Suspended with a sample result of 16.7 mg/l, exceeding the SPDES parameter limit of 10.0 mg/l. The facility utilizes rapid sand filters and pressurized microfiltration units for solids removal. The elevated reading for effluent total suspended solids was likely the result of laboratory error.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**Facility: Lake Plaza**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Croton Falls	NY0143693	Yes	No	Yes

**Comments**

Once the facility has been properly decommissioned and the SPDES permit has been deleted by the NYSDEC, this facility will be removed as part of the deliverable report.

**Inspections**

On April 26, 2011, staff performed a Reconnaissance Inspection of the facility. The old facility has been removed; the new pump station conveys wastewater to the Route 6 sewer extension and needs to be surrounded by fencing.

On May 2, 2011, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:  
Item: 'D4. Intermittent SFB (2)' received a rating of Marginal with comments: 'Weeds.'

On May 09, 2011, staff performed a Reconnaissance Inspection of the facility. Half the fencing around the pump station is in place.

On May 12, 2011, staff performed a Reconnaissance Inspection of the facility. Fence has been completed and the surrounding area seeded.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 May 24, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On April 1, 2011, DMR data indicated a violation of pH MAX with a sample result of 8.6 S.U., exceeding the SPDES parameter limit of 8.5 S.U.

On May 1, 2011, DMR data indicated a violation of pH MAX with a sample result of 8.9 S.U., exceeding the SPDES parameter limit of 8.5 S.U.

DEP laboratory data for the second quarter of 2011 does not concur with the elevated readings for effluent pH. An on-site well system provides potable for the school; it has relatively low pH readings, possibly due to high chlorides. DEP will investigate if the school system is properly utilizing their chemical feed system for buffer capacity.

**Enforcements**

None.

**Miscellaneous**

On June 14, 2011, DEP approved the facility operations and maintenance manual.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 April 26, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On May 12, 2011, staff performed a Reconnaissance Inspection of the facility. Observed installation of new water line from the chlorine contact tank.

**SPDES Permit Exceedance(s)**

On May 23, 2011, a DEP sample indicated an exceedance of Flow with a sample result of 0.307 MGD, exceeding the SPDES parameter limit of 0.3 MGD. This is an instantaneous reading; the SPDES permit limitation for effluent flow is a 30-day average. No violation occurred.

**Enforcements**

None.

**Miscellaneous**

None.



NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

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

**SPDES Permit Exceedance(s)**

On May 12, 2011, a DEP sample indicated an exceedance of Ammonia with a sample result of 5.56 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 anomalous 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  
July 2011

**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 May 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  
July 2011

**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**

On May 26, 2011, staff performed a Reconnaissance Inspection of the Town of Harrison lift station on Park Lane in response to high fecal and total coliform counts from DEP samples collected at Shaft 18 and the lower effluent chamber in Rye Lake. There were no abnormal conditions at the station that could have led to the elevated reading.

RCI conducted compliance inspections throughout the second 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**

On May 25, 2011, staff contacted Sal Masiti, Assistant Superintendent for the Town of North Castle Water and Sewer Department, regarding any abnormal conditions or overflows from the Town's collection system and its appurtenances. This was in response to elevated fecal and total coliform counts from samples collected at Shaft 18 and the lower effluent chamber. The Town's lift stations are fully operational with no alarms report and no sewage overflows from the collection system.

On June 02, 2011, staff received a telephone call from Sal Misiti, Assistant Superintendent for the Town of North Castle Water and Sewer Department, regarding a dead tree on NYCDEP property that hangs over the sewage lift station on Route 120 near the MBIA Building. Mr. Misiti stated a large branch had fallen off the tree and landed inside the pump station fence. There was no loss of power, but, he has concerns with the remaining tree falling and landing on the pump station power lines. DEP operations staff was called to look at the tree and determine if it is DEP's responsibility. DEP will coordinate with the town and remove the tree.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**Facility: Ralph Morando Building (inactive)**

<b>Basin</b>	<b>SPDES</b>	<b>Inspected</b>	<b>Seasonal WWTP</b>	<b>Report Sent to Owner</b>
Croton Falls	NY0062561	No	No	No

**Comments**

The facility has been decommissioned; wastewater is conveyed to the Mahopac (NYCDEP) WWTP via Route 6 sewer extension. This facility will no longer be included as part of the deliverable report.

**Inspections**

None.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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 May 5, 2011, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On June 08, 2011, staff performed a Reconnaissance Inspection of the facility. A copy of the new SPDES permit requirements was forwarded to the contract operator. The 96-hour testing period will be completed by June 10, 2011.

On June 15, 2011, the facility was certified functionally complete by the design engineer. DEP issued authorization to commence start-up and performance testing on June 30, 2011.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
July 2011

**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	No	No	No

**Comments**

None.

**Inspections**

None.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On May 25, 2011, staff contacted Mike Coley, Deputy Commissioner Westchester County Department of Environmental Facilities, regarding any abnormal conditions or overflows from the West Lake Trunk Line. This was in response to elevated fecal and total coliform counts from DEP samples collected at Shaft 18 and the lower effluent chamber. The county sent a crew out to perform a visual inspection of the line; no overflows were observed.