

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

**Wastewater Treatment Plant Compliance Inspection Reports  
Summary – 1<sup>st</sup> Quarter 2012**

**April 25, 2012**

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

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

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**Introduction**

The New York City (NYC) Watershed supplies drinking water to nearly 8,000,000 NYC residents and an additional 1,000,000 residents of upstate communities. The watershed area consists of approximately 1900 square miles of lands in upstate New York and includes a system of natural and man-made tributaries, which directs the source waters, via subsurface aqueducts, to a series of reservoirs and controlled lakes. Drinking water quality is dependent chiefly on maintaining the quality of the source waters that supply the reservoirs within the watershed. Therefore, the source waters must be protected from wastewater treatment plants (WWTP) that are located within the watershed.

To maintain and continue to provide a safe drinking water supply, the New York City Department of Environmental Protection (DEP) has taken a leadership role in upgrading, and encouraging other communities within the watershed to upgrade their respective wastewater treatment facilities. Preventing the degradation and contamination of the source waters and reservoirs must include continuous monitoring and a periodic comprehensive review of the wastewater treatment plants that are located within the watershed. The WWTP's in the watershed vary greatly in size and treatment levels, and provide service to municipalities, institutions, commercial businesses, seasonal camps, and private residences. To ensure that these plants are being operated and maintained in accordance with the limits and conditions established in their State Pollutant Discharge Elimination System (SPDES) permits, DEP has an ambitious program of inspecting all wastewater facilities within the watershed on a quarterly basis. In addition, DEP has expanded its sampling program to include regular monitoring of the effluent parameters of all treatment plants in the watershed. A comparative analysis of DEP monitoring data along with the facility self-monitoring effluent readings establishes patterns of compliance. DEP uses the results of the sampling to assist plant operators, or to initiate enforcement activities as necessary.

**Inspection Program Goals**

A number of goals are targeted for the Wastewater Treatment Facility Inspection Program. A primary goal of the program is to identify operational and maintenance (O&M) improvements which will enhance the facility's ability to meet and/or exceed existing SPDES requirements. DEP personnel will share their technical expertise with plant management and operators to offer easy-to-implement operational changes, which may result in significant improvements to the plant's operation. For example, following a DEP inspection of a treatment facility which was having difficulty meeting its phosphorus limits, DEP technical staff recommended that the operator vary the install of a baffle around its settling tank. Within two weeks of this adjustment, the plant was able to meet its phosphorus limit. As a result of the inspection, capital upgrades may also be recommended to ensure long-term compliance with SPDES permit requirements or greater ease and reduced cost of operations.

Following an inspection and review of DEP sampling and the facility's self-monitoring data, if the problems are not evident or easily resolved; the DEP may require that non-compliance be addressed by the permittee through an independent evaluation of the facility. If a facility is not willing to address non-compliance to the conditions of its SPDES permits or if an adequate response is not given, the case will be referred to DEP's legal counsel for follow-up enforcement action.

DEP has taken enforcement actions against a number of wastewater treatment facilities in the watershed for specific violations of their SPDES permits. Under Clean Water Actions filed by the City of New York, wastewater plant owners are often required by DEP legal counsel to enter into orders of consent by which they agree to remediate their facility and return to compliance with the SPDES permit. Regular inspections by DEP personnel ensure that the repairs and/or corrections are being completed in accordance with the consent order.

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Regular inspections will also allow DEP to follow-up on instances of non-compliance, mistakes or problems with self-monitoring reporting or record keeping, or modifications or expansions to the facility. Inspections will also allow DEP engineers to maintain a good working relationship with the treatment plant operators in the watershed.

**Inspection Program Structure**

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

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

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

**Compliance Inspection Report Content**

This report meets the requirements of Filtration Avoidance Determination for the first quarter of 2012. Included in the Deliverable are the Compliance Inspection summaries for each facility in the Catskill/Delaware and Croton Watershed that was inspected. Each Compliance Inspection summary contains the following: 1) Facility name and SPDES Permit Number, 2) General Comments, 3) Inspection dates and findings, 4) SPDES permit exceedances/violations, 5) Enforcement actions by DEP, and 6) Miscellaneous items.

There are also industrial facilities or groundwater remediation systems that are either no longer discharging to surface waters, or are groundwater remediation sites, which are closed in accordance with the NYSDEC. These sites continue to be monitored via the national Permit Compliance System (PCS System). These facilities have surface water discharge permits; however they are not inspected routinely nor reported on because of the lack of activity. In the event that any discharge is reported, or observed during DEP informal site visits, regular inspections will be initiated at such facilities.

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**NYC Watershed Rules & Regulation - WWTP Upgrades**

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

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

***New York State Environmental Facilities Corporation Role:***

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

***Upgrade Milestones:***

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

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**Facility: Andes (T) WWTP**

<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 March 26, 2012 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

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

Item: 'D2. DynaSand Filters' received a rating of Marginal with comments: 'Units air lanced monthly. The filtrate line has restricted flow due to design. These units will be eliminated with the upgrade design. The effluent turbidity was 12.30 NTU's'

Item: 'D3. Microfiltration' received a rating of Marginal with comments: 'The effluent turbidity was 0.029 NTU's. These units will be eliminated with the upgrade design. '

**SPDES Permit Exceedance(s)**

On February 1, 2012, a DEP laboratory sample indicated an exceedance of effluent TSS DAILY MAX with a sample result of 25 mg/l, exceeding the SPDES parameter limit of 10 mg/l. On February 6, 2012, staff delivered a Verbal Warning for the exceedance.

**Enforcements**

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

**Miscellaneous**

As reported on the DEP response, dated April 6, 2012, to DOH/EPA response to 2007 FAD Deliverables submitted January 2012, the WWTP is operating well while under consent order; they corrected some I&I concerns. The 100% upgrade design drawing has been submitted by the consultant for DEP/DEC review and approval. Their current plan is to be under construction mid-summer 2012 with plant start-up in early 2013.

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**Facility: Ashland**

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

**Comments**

None.

**Inspections**

On January 06, 2012, staff performed a facility dirty water startup Reconnaissance Inspection of the facility. All systems were found to be functional and operating as designed. The treatment building and unit process was not damaged by Hurricane Irene flooding. The outfall area was re-graded. The generator turbo unit was replaced, unit working fine now. Technicians for SCADA and microfiltration systems were onsite performing final startup procedures. Contractor punchlist items remain but do not affect the treatment process. The majority of the sewer district is connected (90 resident's total).

On February 07, 2012, staff performed a Reconstruction Inspection of the facility. Facility found to be in excellent overall condition and working well. Lights in recirculating sand filter room were installed. The facility has not yet provided certification of backflow preventer. Turbidity meters should be calibrated by vendor/contractor.

**SPDES Permit Exceedance(s)**

On March 02, 2012, the facility DMR listed a reading for Ammonia with a sample result of 4.01 mg/l. There is no SPDES limit for Ammonia; the parameter is monitor only. Nevertheless, DEP staff discussed this issue with the operator; they are aware of the reading and feels that the cause is low flow and low temperatures. Influent ammonia ranges between 45-60 mg/l. The operator would like to wait for the temperatures to come up to see if ammonia will drop some more. He will consider seeding the secondary process, if necessary. The facility has six months from the time the plant was certified functionally complete to achieve compliance with all final SPDES effluent limitations.

**Enforcements**

None.

**Miscellaneous**

DEC Central Office will revise the sampling frequency for BOD, TSS, fecal coliform, dissolved oxygen, ammonia & phosphorus contained within the current SPDES permit from twice per year to once per month.

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**Facility: Boiceville (v) WWTP**

<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 February 17, 2012 RCI staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:  
Item: 'D3. Sand Filters' received a rating of Unsatisfactory with comments: 'The sandfilters have been out of service since the flooding caused from Hurricane Irene. Andrix, the sandfilter manufacturer, conducted a site visit and stated that all of the components of the filters need to be replaced. The only thing that should be kept is the vessels. The facility is in the process of waiting for the insurance money from the flood loss to have the repairs done to the sand filters. The estimate for the repairs total \$127,000.00. They have been able to meet the SPDES permitted limits for effluent turbidity with the filters being bypassed. The microfiltration units have been able to handle the higher influent turbidity.'

**SPDES Permit Exceedance(s)**

On February 1, 2012, a DMR monitoring result indicated a violation of NH3 WINTER DAILY MAX with a sample result of 7.5 mg/l, exceeding the SPDES parameter limit of 2.2 mg/l. A report of non-compliance event was submitted describing high influent ammonia loadings (>50 mg/l) and colder temperatures impacted the secondary treatment process. The facility operator added an enzyme in the on-line SBR to grow more nitrifying bacteria within the process. The operator has also added some soda ash to the process to raise alkalinity.

On February 9, 2012, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 9.26 mg/l, exceeding the SPDES parameter limit of 2.2 mg/l.

**Enforcements**

None.

**Miscellaneous**

As reported on the DEP response, dated April 6, 2012, to DOH/EPA response to 2007 FAD Deliverables submitted January 2012, the sand filters operate in manual mode; the replacement panel to allow for automated control must be replaced. This condition was the result of the impact from Tropical Storm Irene; the facility is working through the insurance process to fund this repair. The estimate for the repairs total \$ 127,000.00. They have been able to meet the SPDES permitted limits for effluent turbidity. The facility has replaced the non-potable water pumps that were damaged in the flood.



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**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 January 10, 2012, 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: 'Signs of rodents in pump control building apparent. Rodents are well known for chewing through control wiring rendering the systems they control inoperable. Strongly suggest rodent traps and/or bait be put out to eliminate this situation. Sign for facility contact information that was originally posted next to the door has not been in place for an extended period, sign should be replaced ASAP. Also an additional sign below the high level alarm light indicating the lights purpose should be posted ASAP. This has been noted in past inspection reports and remains unresolved. Contact info is important in the event of an emergency. This easily resolved issue remains unaddressed.'

Item: 'A7. Influent Impact on operations' received a rating of Unsatisfactory with comments: 'Hydraulic overloads that are a chronic issue remain unresolved. A visual inspection of the collection system was conducted, no apparent issues noted.'

Item: 'D3. Pumps 1, 2, 3 and 4' received a rating of Marginal with comments: 'Pit less adapters for pumps 1 and 2 leaking badly, #3 leaking moderately; scheduled for repair in July/August 2012. Running hours = #1: 6517 #2: 6140 #3: 6348 #4: 6015'.

On January 19, 2012, staff performed a Reconnaissance Inspection of the facility. Facility notification signage on outside of control building replaced. DEP RCI staff also noted that housekeeping issues have been resolved.

**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**

As reported on the DEP response, dated April 6, 2012, to DOH/EPA response to 2007 FAD Deliverables submitted January 2012, signage updated and building cleaned up as suggested in inspection reports. Large volume of I&I likely eliminated with re-routing of one large section of sewer line. The extent of the improvement cannot be determined until pitless adapter issue is resolved. Pitless adapter repairs are going to be performed by contractor July or August 2012.

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**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 March 14, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On January 11, 2012, a DEP laboratory sample indicated an exceedance of pH with a sample result of 6.45 S.U., exceeding the SPDES parameter limit of Min (6.5 S.U.) - Max (8.5 S.U.). DEP staff delivered a Verbal Warning. The plant self-monitoring data indicates full compliance with all SPDES permit parameters.

**Enforcements**

None.

**Miscellaneous**

On February 22, 2012, a Report of Noncompliance Event was filed with DEC/DEP, for an event(s) occurring on: 12/31/2011. Total Dissolved solids were not reported on DMR as required, operator was unaware of reporting requirement. Operator will resubmit DMR report as required from this point forward.

As reported on the DEP response, dated April 6, 2012, to DOH/EPA response to 2007 FAD Deliverables submitted January 2012, the sand filter lift station pump repairs were completed on December 14, 2011, the mixer repairs were completed on December 27, 2011, the turbidity meters were calibrated on December 12, 2011 and the aerated sludge holding tank pump was repaired on December 27, 2011.

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**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 March 26, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

As reported on the DEP response, dated April 6, 2012, to DOH/EPA response to 2007 FAD Deliverables submitted January 2012, general repairs, lighting replacement, cleaning and painting of influent building begin in March 2012 and will progress throughout the 2012 monitoring period.

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**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 March 30, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: Fleischmanns (V) WWTP**

<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 March 6, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On January 4, 2012, a DEP laboratory sample indicated an exceedance of pH with a sample result of 6.3 S.U., exceeding the SPDES parameter limit of Min (6.5 S.U.) - Max (8.5 S.U.). DEP staff delivered a Verbal Warning. The plant self-monitoring data indicates full compliance with all SPDES permit parameters.

**Enforcements**

None.

**Miscellaneous**

None.

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**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	No	No	No

**Comments**

None.

**Inspections**

None.

**SPDES Permit Exceedance(s)**

On January 1, 2012, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 73 degrees, exceeding the SPDES parameter limit of 70 degrees.

On February 1, 2012, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 74 degrees, exceeding the SPDES parameter limit of 70 degrees.

**Enforcements**

None.

**Miscellaneous**

On February 22, 2012, a Report of Noncompliance Event was filed with DEC/DEP, for an event(s) occurring on: 1/26/12. Effluent temperature violations caused by cracked airline on cooling valve, repairs expedited and issue resolved.

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**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 January 24, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

This is a DEP owned facility. The WWTP Compliance and Inspection group does not have any regulatory authority over this facility.

**Miscellaneous**

None.

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

<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 February 15, 2012, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A1. Buildings and Grounds' received a rating of Marginal with comments: 'Leaks in roof can drip onto electronic and electrical controls rendering the processes they are related to inoperative causing potential plant problems. Leaks should be addressed.'

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 and has been for over three years now. The lock-out / tag- out date on the unit is 2/27/2008. The motor still needs to be replaced although overflow can be managed.'

**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**

As reported on the DEP response, dated April 6, 2012, to DOH/EPA response to 2007 FAD Deliverables submitted January 2012; plant operators are in the process of determining the extent of the roof damage and looking into warranty coverage of the previously noted roof leaks.

On March 07, 2012, DEP operations staff were notified of the drainage wet well pump issue noted in previous inspection reports; the motor is due to be replaced.



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**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 March 26, 2012, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A3. Testing/instrumentation' received a rating of Marginal with comments: 'Phosphorous reagent expired on July 10th. The pH buffer solution 10.0 expired on March 11th.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

As reported on the DEP response, dated April 6, 2012, to DOH/EPA response to 2007 FAD Deliverables submitted January 2012, the repairs have been made to the mixer unit. The plant had no issue meeting their phosphorus limits without the unit since they have switched to a liquid coagulant that is injected in-line inside the building and not in the clarifier. This is a permitted subsurface discharge and has no direct impact on the water supply.

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**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 January 11, 2012, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'D8.Turbidity Monitoring' received a rating of Marginal with comments: 'Meters due for calibration by January 2012. HACH performs required annual calibration/servicing of MF unit turbidity meters (6 in total), last completed on July 11, 2011 and is due in January 2011.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**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 March 15, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

The facility is completing the construction work on added items including the installation of VFD's, Compressors, Blowers, D.O. sensors and diffusers.

As reported on the DEP response, dated April 6, 2012, to DOH/EPA response to 2007 FAD Deliverables submitted January 2012, the chlorine analyzer was repaired by the manufacturer (HACH) in December 2011. The pH unit is working fine.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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 January 19, 2012, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A4. Stand-By Power' received a rating of Marginal with comments: 'Battery charger and block heater was in service. The running hour meter showed 655 hours. Previously noted small oil leak fixed. New coolant leak to be addressed with new radiator. Service contractor (Atlantic Detroit Diesel) has indicated that this genset, while operational and properly maintained, may be nearing the end of its useful lifespan. It appears to be a 1970's vintage unit. Unit test operates weekly.'

Item: 'D8. Turbidity Monitoring' received a rating of Unsatisfactory with comments: 'Turbidity meters overdue for calibration. Units last calibrated on 11/11/10 and were due 11/2011.'

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

The plant operator has covered the post aeration tank in response to Giardia detection from December 2011.

**Miscellaneous**

As reported on the DEP response, dated April 6, 2012, to DOH/EPA response to 2007 FAD Deliverables submitted January 2012; lagoon pump was repaired and is fully operational. The operator is planning to replace the damaged aerator heads in spring 2012. The low CBOD percent removal issue was related to the very low CBOD influent concentration, effluent quality is unaffected by this. The operator is planning to run the aeration tanks in series (as opposed to parallel as they are run now) in an effort to optimize nitrification within the secondary process.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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	No	No	No

**Comments**

None.

**Inspections**

None.

**SPDES Permit Exceedance(s)**

On February 1, 2012, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 230 degrees, exceeding the SPDES parameter limit of 100 degrees.

**Enforcements**

None.

**Miscellaneous**

On February 22, 2012, a Report of Noncompliance Event was filed with DEC/DEP, for an event(s) occurring on 02/2012. A high effluent temperature was recorded by the temperature monitoring PLC however the effluent temperature was below the PLC recorded temperature (and within SPDES limits) based on direct measurement. The PLC was diagnosed to determine the cause of the erratic and erroneous temperature measurement and has been repaired.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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	No

**Comments**

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

**Inspections**

On February 07, 2012, staff performed a Reconnaissance Inspection of the facility. Facility was found to be in good condition.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

As reported on the DEP response, dated April 6, 2012, to DOH/EPA response to 2007 FAD Deliverables submitted January 2012, the temporary compressor solution expedited by the facility operator last season worked very well. If a backup compressor is obtained and alternated with the one purchased last year, the system will work well.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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	No	Yes	No

**Comments**

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

**Inspections**

None.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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 March 26, 2012, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A3. Process Control Systems/Panels' received a rating of Marginal with comments: 'Uninterruptible power supplies that control power to critical systems should not be placed directly on floor. They can be easily damaged when placed on the floor rendering the system they energize inoperative.'

**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**

As reported on the DEP response, dated April 6, 2012, to DOH/EPA response to 2007 FAD Deliverables submitted January 2012, Tropical Storm Irene severely impacted the collection system along with the commercial and residential users within the district; repairs are underway and are expected to continue throughout 2012.



NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
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**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	No	No	No

**Comments**

None.

**Inspections**

None.

**SPDES Permit Exceedance(s)**

On January 1, 2012, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 85 degrees, exceeding the SPDES parameter limit of 80 degrees.

On February 1, 2012, a DMR monitoring result indicated a violation of TEMPERATURE with a sample result of 81 degrees, exceeding the SPDES parameter limit of 80 degrees.

**Enforcements**

None.

**Miscellaneous**

On February 13, 2012, DEP staff discussed recent effluent temperature excursions with the facility operator. The operator stated he would look into process changes to address the excursions.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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 February 10, 2012, staff performed a Follow-up Inspection of the facility. The I-Beam over the Zenon MBR Tank has been relocated directly over one of the access ports instead of being in the middle of both. One of the membrane modules still needs to be relocated so all of them are in the same plane (longer hoses are on order). The new beam location will help when removing the modules for repairs or cleaning. The leaking joint on the tank was welded in multiple spots and the leaks were repaired.

On March 28, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On February 1, 2012, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 6.52 mg/l, exceeding the SPDES parameter limit of 2.2 mg/l. DEP staff delivered a Verbal Warning. The plant self-monitoring data indicates full compliance with all SPDES permit parameters.

**Enforcements**

None.

**Miscellaneous**

As reported on the DEP response, dated April 6, 2012, to DOH/EPA response to 2007 FAD Deliverables submitted January 2012, the Anoxic zone leak was repaired in December 2011 by re-welding the seam. The sludge pump has been replaced.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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 March 29, 2012, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'C1. Clarifier' received a rating of Marginal with comments: 'Clarifier in service. Effluent is slightly cloudy and has some flock carry over.'

Item: 'C5 UV' received a rating of Marginal with comments: 'Slight foam present in the influent trough. Both units being used in series. UV unit "A" showing 5.0 mw/cm2 with 8963 running hours. Unit "B" showing 4.5 mw/cm2 with 1052 running hours. Three of the UV lamp indicator lights need to be replaced.'

**SPDES Permit Exceedance(s)**

On January 1, 2012, a DEP laboratory sample indicated an exceedance of TSS DAILY MAX with a sample result of 190 mg/l, exceeding the SPDES parameter limit of 10 mg/l.

On January 1, 2012, a DEP laboratory sample indicated an exceedance of PH MIN with a sample result of 6.36 S.U., exceeding the SPDES parameter limit of Min (6.5 S.U.) – Max (8.5 S.U.).

On January 18, 2012, a DEP laboratory sample indicated an exceedance of Solids - Suspended with a sample result of 344 mg/l, exceeding the SPDES parameter limit of 10 mg/l.

On January 18, 2012, a DEP laboratory sample indicated an exceedance of pH with a sample result of 5.99 S.U., exceeding the SPDES parameter limit of Min (6.5 S.U.) – Max (8.5 S.U.).

On January 25, 2012, a DEP laboratory sample indicated an exceedance of Solids - Suspended with a sample result of 376 mg/l, exceeding the SPDES parameter limit of 10 mg/l.

On February 1, 2012, a DEP laboratory sample indicated an exceedance of TSS DAILY MAX with a sample result of 240 mg/l, exceeding the SPDES parameter limit of 10 mg/l.

On February 15, 2012, a DEP laboratory sample indicated an exceedance of Solids - Suspended with a sample result of 250 mg/l, exceeding the SPDES parameter limit of 10 mg/l.

NYCDEP WWTP Inspection Program  
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April 2012

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

**Enforcements**

The facility is currently under a DEC consent order; a full plant modification is in design. DEP issued an approval for the upgrade design on March 12, 2012.

**Miscellaneous**

As reported on the DEP response, dated April 6, 2012, to DOH/EPA response to 2007 FAD Deliverables submitted January 2012, 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  
April 2012

**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.

**Inspections**

None.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

The camp will not operate in 2012.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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 February 17, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

On January 03, 2012, a Report of Noncompliance Event was filed with DEC/DEP, for an event(s) occurring on: 1/3/2012. The effluent collected effluent sample omitted total phosphorus on the chain of custody form; a re-sample was ordered and in compliance.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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	No

**Comments**

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

**Inspections**

On February 14, 2012, staff performed a Reconnaissance Inspection of the facility. Facility appears to be in good condition and is being checked weekly by camp staff.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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 February 22, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

This is a DEP owned facility. The WWTP Compliance and Inspection group does not have any regulatory authority over this facility.

**Miscellaneous**

None.



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April 2012

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

**SPDES Permit Exceedance(s)**

On February 22, 2012, a DEP laboratory sample indicated an exceedance of Phosphorous with a sample result of 0.715 mg/l, exceeding the SPDES parameter limit of 0.5 mg/l. There were no operational or mechanical deficiencies at the facility that could have led to this reading. The plant self-monitoring data indicates full compliance with all SPDES permit parameters.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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	No	No	No

**Comments**

None.

**Inspections**

None.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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 February 15, 2012, staff performed a Reconnaissance Inspection of the facility. Pump station was found to be in good order.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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 March 26, 2012 RCI 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 Chlorine and Stern-Pac containers are not being stored on a containment deck. Two decks are needed. The possible locations were discussed with the operator.'

Item: 'A9. Flow Metering' received a rating of Marginal with comments: ' A request should be made to the DEC to modify the DMR to show effluent flow. There should be a chart recorder installed to receive a signal from the MF units to continuously record the flow which is required by the SPDES Permit.'

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

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

As reported on the DEP response, dated April 6, 2012, to DOH/EPA response to 2007 FAD Deliverables submitted January 2012, the current SPDES permit only requires the facility to record influent flow. DEP believes there is value in proper effluent flow measurement, the plant can apply for a SPDES modification for continuous effluent flow monitoring/recording. DEP instructed the operator to draft a letter for SPDES permit modification to the NYSDEC. The letter may request written approval to use the microfiltration magnetic flow meters to report effluent flow, the manufacturer stating that no calibration was needed on these meters. The wastestream is properly screened; the inoperable comminutor does not impact operation of the facility or has led to SPDES violations. The operator may likely remove the comminutor from the treatment train.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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 February 28, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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 January 5, 2012 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: 'Numerous leaks in building remain addressed for a protracted period of time. This will continue to be a potential 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 and potentially negatively affect water quality in the Gooseberry Creek. These roof leaks should be repaired as soon as practicable to prevent costly damage to the facility. Access road to WWTP that was washed out is repaired.'

On March 28, 2012 RCI staff performed a Reconnaissance Inspection of the collection system for the facility. No issues or overflows noted.

**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**

As reported on the DEP response, dated April 6, 2012, to DOH/EPA response to 2007 FAD Deliverables submitted January 2012, Tropical Storm Irene did not impact the operation of the facility; it merely limited access to the plant. The collection system is fully functional and flow to WWTP is back to normal.

On March 07, 2012, DEP operations staff were notified of the building leaks noted in previous inspection reports; the facility will look into repairing the leaks.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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	No	Yes	No

**Comments**

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

**Inspections**

None.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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 March 14, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.



NYCDEP WWTP Inspection Program  
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**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 March 28, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On January 01, 2012, the plant DMR indicated a violation of residual chlorine with a sample result of <0.2 mg/l. The sandfilter blinded off and did not set off an alarm. The Cl2 level fell below the SPDES limit. A report of non-compliance was submitted with the DMR.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

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

The Town of Carmel responded to a sewage overflow from a manhole located on Fair Street by the Carmel High School on Friday, March 23rd at approximately 3:45pm. Town of Carmel staff responded and discovered a small leak coming from a crack in the County Road. They located the manhole, which was blacktopped over, and cleared the blockage. The town estimated about 500 gallons spilled but was well contained; the overflow did not reach any receiving streams. The area was cleared and all the relevant regulatory agencies were contacted. The town submitted a written report on Monday, March 26th.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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 February 8, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On February 1, 2012, DMR data indicted a violation of effluent CBOD5 DAILY MAX with a sample result of 65.0 mg/l, exceeding the SPDES parameter limit of 5.0 mg/l.

**Enforcements**

None.

**Miscellaneous**

On March 27, 2012, a Report of Noncompliance Event was filed with DEC/DEP, for an event occurring in February 2012. Effluent CBOD5 was 65.0 mg/L where the limit is 5.0 mg/L. The cause of the violation was listed as aeration chamber diffuser problems. The operator drained the entire aeration tank, replaced all air diffusers and re-seeded the process with nitrifying activated sludge.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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 March 27, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
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April 2012

**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 January 20, 2012, staff performed a Reconnaissance Inspection of the facility. Operations and maintenance appeared satisfactory.

On January 24, 2012, staff performed a Reconnaissance Inspection of the facility. Operations and maintenance appeared satisfactory.

On January 27, 2012, staff performed a Compliance Response Inspection of the facility. No flow observed from the discharge pipe.

On March 27, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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 January 25, 2012, staff performed a Quarterly Inspection. Items rated less than (S) satisfactory are indicated below:

Item: 'A1. Building/Grounds/Housekeeping' received a rating of Marginal with comments: 'Exterior fence needs painting. Five of the plant fire hydrants are not working.'

Item: 'B2. Mechanical Bar Screen (2)' received a rating of Unsatisfactory with comments: 'Units are out of service.'

**SPDES Permit Exceedance(s)**

On January 18, 2012, a DEP laboratory sample indicated an exceedance of Ammonia with a sample result of 2.52 mg/l, exceeding the SPDES parameter limit of 2.2 mg/l. The plant self-monitoring data indicates full compliance with their SPDES parameters.

**Enforcements**

This is a DEP owned facility. The Wastewater Treatment Plant Compliance and Inspection Program does not have regulatory authority over this plant.

**Miscellaneous**

None.

NYCDEP WWTP Inspection Program  
EPA FAD Deliverable 6.2  
April 2012

**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 January 12, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On January 20, 2012, staff performed a Reconnaissance Inspection of the facility. Operations and maintenance appeared satisfactory.

On January 23, 2012, staff performed a Reconnaissance Inspection of the facility. Operations and maintenance appeared satisfactory.

On January 30, 2012, staff performed a Reconnaissance Inspection of the facility. Operations and maintenance appeared satisfactory.

On March 6, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**Facility: 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 January 20, 2012, staff performed a Reconnaissance Inspection of the facility. Operations and maintenance appeared satisfactory.

On January 24, 2012, staff performed a Reconnaissance Inspection of the facility. Operations and maintenance appeared satisfactory.

On February 27, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

**SPDES Permit Exceedance(s)**

On January 5, 2012, a DEP laboratory sample indicated an exceedance of Phosphorous with a sample result of 1.62 mg/l, exceeding the SPDES parameter limit of 1.0 mg/l.

On January 12, 2012, a DEP laboratory sample indicated an exceedance of Phosphorous with a sample result of 2.22 mg/l, exceeding the SPDES parameter limit of 1.0 mg/l.

On January 12, 2012, a DEP laboratory sample indicated an exceedance of Coliform - Fecal with a sample result of 9000/100ml, exceeding the SPDES parameter limit of 200/100ml 30-day geometric mean.

On February 2, 2012, a DEP laboratory sample indicated an exceedance of Phosphorous with a sample result of 1.79 mg/l, exceeding the SPDES parameter limit of 1.0 mg/l.

On February 9, 2012, a DEP laboratory sample indicated an exceedance of Coliform - Fecal with a sample result of 2000/100ml, exceeding the SPDES parameter limit of 200/100ml 30-day geometric mean.

On February 9, 2012, a DEP laboratory sample indicated an exceedance of Solids - Suspended with a sample result of 13.6 mg/l, exceeding the SPDES parameter limit of 10.0 mg/l.

On February 9, 2012, a DEP laboratory sample indicated an exceedance of Phosphorous with a sample result of 5.33 mg/l, exceeding the SPDES parameter limit of 1.0 mg/l.

**Enforcements**

None.



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**Facility: Michelle Estates (continued)**

**Miscellaneous**

The facility is now using a new coagulant (PAC) to improve settling and continue to fine tune the chemical feed process to achieve desired phosphorus results. During the clean-in-place process (caustic soda, citric acid) for the microfiltration units, the backwash returned to the head of the plant was not properly neutralized; this affected the secondary treatment process and reduced removal efficiency for all wet chemistry parameters. The facility will perform additional pH testing of the backwash to ensure proper neutralization prior to retuning the wastestream through the treatment process. The final aeration tank contained some accumulated solids that could have contaminated the sample collected for suspended solids; the tank was cleaned. There are no operational or mechanical issues with the ultra-violet (UV) disinfection process; all turbidity readings for the microfiltration effluent indicate compliance with surrogate parameters for pathogen removal. DEP will closely monitor the disinfection process for any future pathogen exceedances. Plant self-monitoring data indicates full compliance with all SPDES permit parameters.

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**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	No	No	No

**Comments**

None.

**Inspections**

RCI conducted compliance inspections throughout the first quarter of 2012 at the sewage pump stations in the Town of North Castle on Old Route 22, Cooney Hill Road, Route 120 (Loudens Cove), New King Street, Old Orchard Street and the pump station in the Town of Harrison on Park Lane. The inspections revealed no abnormal conditions.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**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 January 20, 2012, staff performed a Reconnaissance Inspection of the facility. Operations and maintenance appeared satisfactory.

On January 24, 2012, staff performed a Reconnaissance Inspection of the facility. Operations and maintenance appeared satisfactory.

On January 27, 2012, staff performed a Compliance Response Inspection of the facility. Operations and maintenance appeared satisfactory. No flow out of facility.

On February 01, 2012, staff performed a Reconnaissance Inspection of the facility. Operations and maintenance appeared satisfactory.

On February 01, 2012, staff performed a Quarterly Inspection. All items inspected were found to be satisfactory.

On February 08, 2012, staff performed a Reconnaissance Inspection of the facility. Operations and maintenance appeared satisfactory.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

None.

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**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**

Staff performed inspections of the West Lake Trunk Sewer throughout the first quarter of 2012 in conjunction with regularly scheduled storm water BMP inspections within the Kensico Basin. The inspections revealed no abnormal conditions.

**SPDES Permit Exceedance(s)**

None.

**Enforcements**

None.

**Miscellaneous**

As reported in the previous quarterly deliverable, the Westchester County Department of Environmental Facilities (WCDEF) 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.