

Robert P. Astorino
County Executive

Department of Environmental Facilities

Thomas J. Lauro, P.E.
Commissioner

April 28, 2016

EES Case Management Unit
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Washington, D.C. 20044-7611

Chief, Water Compliance Branch
Division of Enforcement and Compliance Assistance
U.S. Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, NY 10007

Chief, Water and General Law Branch
Office of Regional Counsel
U.S. Environmental Protection Agency, Region II
290 Broadway, 16th Floor
New York, NY 10007

Re: DJ # 90-5-1-1-10536

To Whom Ever This May Concern:

Enclosed herewith is Westchester County's Quarterly Report No. 3 for the time period of January – March 2016.

Sincerely,



Anthony Della Valle, P.E.
Director - Wastewater Treatment

cc: Andrew E. Krause, via e-mail
Cristine Irvin Phillips, via email
EES Case Management Unit, via email



Division of Solid Waste
Wastewater Treatment
Water Agency

270 North Avenue
New Rochelle, New York 10801

Telephone: (914) 813-5400

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Thomas J. Lauro, P.E.
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April 29, 2016

Re: Westchester County Water District No. 1
CONSENT DECREE 13 Civ. 5475 (NSR)
Safe Drinking Water Act and Long Term 2 Enhanced Surface Water Treatment Rule
Quarterly Report – January to March 2016

To Whom This May Concern:

Enclosed is the quarterly report for Westchester County Water District No. 1 for January to March 2016. The status and progress of the Compliance Measures are summarized below.

Interim Measures and Supplemental Environmental Project status for the previous quarter, January 1 thru March 31, 2016 (“Q3”) and to be performed in the next quarter April 1 thru June 30, 2016 (“Q4”) are summarized as follows:

Provision of Compliant Water:

During Q3, the back feed of compliant water from Shaft 22 to the Crisfield Pumping Station and Reeves-Newsom Pumping Station was continued from January 1 thru March 31, 2016.

During Q4, the back feed of compliant water from Shaft 22 to the Reeves-Newsom Pump Station and the Crisfield Pump Station were scheduled to return to normal operations on April 1 and May 1, 2016, respectively. In accordance with the intention of the Consent Order to provide compliant water to the extent possible, the back feed to the Reeves-Newsom Pump Station was continued until April 25, 2016 and the Crisfield Pump Station is scheduled to be continued until June 30, 2016. It is noted that if operational issues require the return of Crisfield to normal operations earlier, Westchester County will provide notification to EPA and DOJ.

Public Notice Requirements:

During Q3, the public notice was provided to the Water District Members, the Westchester County Health Department and posted on the Westchester County website on January 11, 2016.

During Q4, the public notice was provided to the Water District Members, the Westchester County Health Department and posted on the Westchester County website on April 8, 2016.



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As of April 18, 2016, the County has been contacted by 116 residents requesting additional explanation concerning the public notice. In general, most of the calls were in reference to health related issues and the residents were satisfied with the additional information provided by the Westchester County Department of Environmental Facilities.

The Public Notice will continue to be updated on a quarterly basis, provided to the District Members and Westchester County Health Department and posted on the Westchester County website.

Cryptosporidium Action Plan and Enhanced Monitoring:

Prior to Q3, weekly monitoring of water from Kensico Reservoir was initiated on April 14, 2015, in advance of the May 21, 2015 Consent Order schedule. The weekly results have been published on the Westchester County web site since initiation thru Q3. The results indicate no presence of Cryptosporidium or Giardia in the source water. During Q4, the water monitoring will continue and results will be posted on a weekly basis.

On April 18, 2016 we were notified by our laboratory, Analytical Services Inc. that a laboratory error occurred with the sample for the week of April 11, 2016. In accordance with the Consent Order, we notified DOJ, by telephone, on April 28, 2016. Written notification to EPA and DOJ is being provided with this report. Based on discussions between the County Departments of Health and Environmental Facilities, since there is an analyzed sample on April 5, 2016 and by the time we were notified by the laboratory, resampling during the week of April 11 was not possible, the missing sample does not need to be repeated. The information detailing the laboratory error will be posted under the results for the week of April 11th.

Supplemental Environmental Projects:

During Q3, the Supplemental Environmental Projects (SEPs) described below were offered to residents of Water District No. 1; refer to attached Table 1 for detailed information.

Enhanced Pharmaceutical Take Back Collection:

During Q3, the H-MRF was opened two days per week for the exclusive use of Water District No. 1 residents to dispose of expired and unwanted medications. During this period, 47 Water District No. 1 households disposed of 237 lbs. of medications at a total cost to the County of \$18,750.00 for handling and disposal. Since the SEPs were implemented on July 1, 2015, 209 Water District No. 1 households disposed of 680 lbs. of medications at a total cost to the County of \$55,500.00 for handling and disposal. (The Consent Order requires an expenditure of \$252,700).

Enhanced Hazardous Household Chemical Collection:

During Q3, the County's Household-Material Recovery Facility (H-MRF) was open two days per week for the exclusive use of Water District No. 1 residents to dispose of hazardous household wastes. During this period, 188 Water District No. 1 households disposed of 3,753 lbs. of hazardous household materials at a total cost to the County of \$41,469.90 for handling and disposal. Since the SEPs were implemented on July 1, 2015, 672 Water District No. 1 households disposed of 14,952 lbs. of hazardous household materials at a total cost to the County of \$123,905.36 for handling and disposal. (The Consent Order requires an expenditure of \$338,529).

Rain Barrel Distribution Program:

During Q3, DEF distributed rain barrels free of charge to 10 residents of Water District No. 1. The cost of these rain barrels totaled \$435.00. Since the SEPs were implemented on July 1, 2015, DEF distributed rain barrels free of charge to 74 residents of Water District No. 1. The cost of these rain barrels totaled \$3,219.00. (The Consent Order requires the County to spend \$100,000 toward the distribution of rain barrels to Water District No. 1 residents).

The SEP's will continue during the next quarter.

Section VII and VIII Milestones:

The UV Treatment Systems received design approval from NYS DOH on August 21, 2015. The projects were advertised for bids on September 4, 2015 in advance of the October 20, 2015 Consent Order Schedule. Bids were received on October 7, 2015 for the Construction Project and on October 14, 2015 for the Purchase Contract. The bids were determined to be acceptable. The Purchase Contract was awarded with Notice to Proceed on October 29, 2015. The County cleared the sites in preparation for construction. The Construction Project was awarded on December 22, 2015 and Notice to Proceed occurred on January 26, 2016, 20 days in advance of the February 16, 2016 Consent Order Schedule.

During Q3, shop drawings were submitted for the UV Buildings and equipment which have been approved by our Engineer. Fabrication of the Orchard Street Facility UV Building was started. Site clearing was completed at both sites. Excavation was completed at the Orchard Street site and the concrete foundation was started. The construction field trailers have been installed.

In Q4, the Orchard Street UV Building fabrication will be completed and testing will be started. The Building foundation will be completed. Also, the Central Avenue UV Building fabrication and excavation and concrete foundation will be started.

The Section VII and VIII milestones for Q3 and Q4 are identified on attached Table 2. All milestones in Q3 and Q4 were completed in accordance with or in advance of the Consent Order Schedule.

I certify under penalty of law, pursuant to 28 U.S.C. §1746, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on personal knowledge or my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Anthony Della Valle, P.E.
Director, Wastewater Treatment
AD:lal
Enclosure



Robert P. Astorino
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Thomas J. Lauro, P.E.
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April 28, 2016

Re: Westchester County Water District No. 1
CONSENT DECREE 13 Civ. 5475 (NSR)
Safe Drinking Water Act and Long Term 2 Enhanced Surface Water Treatment Rule
Paragraph 37 Notice

To Whom This May Concern:

This letter is being sent, pursuant to Paragraph 37 of the Consent Decree, to provide notice that, on April 18, 2016, the County was informed by Analytical Services, Inc. that a laboratory error occurred with the weekly sample submitted for cryptosporidium testing, for the week of April 11, 2016.

Based on discussions between the County Departments of Health and Environmental Facilities, since there is an analyzed sample on April 5, 2016 and by the time we were notified by the laboratory, resampling during the week of April 11 was not possible, the missing sample does not need to be repeated. The information detailing the laboratory error will be posted under the results for the week of April 11th.

Attached hereto is a letter received from Analytical Services, Inc. detailing the laboratory error.

Sincerely,

Anthony Della Valle, P.E.
Director, Wastewater Treatment

AD:lal
Enclosure

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Wastewater Treatment
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ANALYTICAL SERVICES, INC. (ASI)
Microbiological Testing, Research and Consulting

130 Allen Brook Lane, Williston, VT 05495-9301 USA
800.723.4432 / 802.878.5138 Fax: 802.878.6765
www.analyticalservices.com

21 APR 2016

Joe Gibney
Westchester County Dept. of Environmental Facilities
Kensico Dam Master Chlorination Facility
35 Woods Road
Valhalla, NY 10595

Subject: Laboratory Accident
Raw Water Sample Received 14 APR 2016

Dear Joe,

This email is to notify you in writing of a lab accident involving your sample that requires re-sampling. The sample involved was: "Raw Water" (collected 12 APR 2016, ASI # 53519-01). The microscopic slide for your sample was accidentally contaminated with positive control material during the staining procedure, thereby rendering it invalid. This letter is provided for your files and for regulatory notification (if necessary); as the analysis was not completed, no report will be sent.

ASI management and staff take our responsibility as sample custodian through the analytical process very seriously and we sincerely apologize for this incident. A Corrective Action Report has been generated for our Quality Assurance Officer and we have shipped replacement supplies to you for re-sampling. If the sample is part of your LT2 monitoring, please notify your state LT2 contact; under LT2, re-sampling is regarded as a "change of sampling schedule" and needs to be approved.

Please let us know whether you will re-sample and, if so, when we should expect your replacement sample – and please accept my apologies for the inconvenience and extra work!

Best regards,

ANALYTICAL SERVICES, INC.


Paul S. Warden

Vice President & Director of Operations

pwarden@analyticalservices.com

800.732.4432 x15