

Village of



Mamaroneck

Village Hall At The Regatta

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OFFICE OF
RICHARD SLINGERLAND
VILLAGE MANAGER

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November 13, 2015

By e-mail and US Mail

Mr. Jerry Ciotola
United States EPA, Region 2
290 Broadway
New York, NY 10007-1866

Re: Administrative Order CWA-02-2011-3022;
Quarterly Report for quarter ending August 31, 2015

Dear Mr. Ciotola:

I am writing to submit the Village's quarterly report for the quarter ending August 31, 2015.

In the summer of this year, the Village, under contract with our consultant Arcadis, completed a majority of the field work detailed in the Illicit Discharge Detection and Elimination (IDDE) program for 2015. A brief summary of the work that has been completed is presented below.

1. **Stormwater Outfall Location and Inspection** – Arcadis has inspected all stormwater outfalls within the Village boundary. Outfalls with dry weather flow were sampled for fecal coliform. Two storm sewersheds are being investigated as a results of the sampling this year.
2. **Rye Neck High School Dye Testing and Sampling** –Investigations have been completed in the vicinity of Rye Neck High School and sources of fecal coliform have been discovered upstream of the Village boundary. Fecal coliform concentrations in both a minor and major branch of Beaver Swamp Brook are high. All of the drains at the school were dye tested and they drained properly to the sanitary sewer. The City of Rye and the Town of Harrison border the Beaver Swamp Brook, so they have been notified of the sample results.
3. **East Basin Abandoned Sewer Line Investigation** – The abandoned sewer line manholes were inspected and found to be surcharged with stagnant water from inflow and infiltration sources. Further investigation will be completed to confirm proper abandonment.
4. **Otter Creek Inspection** – Arcadis investigated Otter Creek for signs of illicit discharge. No outfalls were discovered with dry weather flow, and no identifiable sources of illicit discharge were found. However, Arcadis stream sampling in dry and wet weather showed elevated fecal coliform concentrations. This stream will remain under investigation.
5. **Drainage Area Investigations** – Illicit discharge detection and elimination investigations have begun in sewersheds that drain to outfalls that had elevated fecal coliform concentrations.
 - o **Outfall 26** – This outfall has intermittent dry weather flow, typically less than 1 gpm and has had an average fecal coliform concentration of 2,160 CFU/100 mL. The sewer was inspected with closed

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circuit television (CCTV) and no sewer bacteria or connections were identified. The flow within the sewer system is too low to obtain a clean sample to isolate the problem. Raccoon scat has historically been seen in this storm sewer system. Given the low flow and fecal concentrations, along with the history of animal scat, no further investigation is planned at this time. This outfall will be sampled annually to monitor bacteria concentrations.

- **Outfall Vg 24** – An illicit discharge has been traced to an apartment complex through sampling and CCTV. Additional investigations at the apartment complex are planned, the results will be provided in the next report.
6. **As-Needed Illicit Discharge Detection and Elimination Assistance** – Arcadis has responded to requests from the Village to investigate locations over which the Village, citizens, and environmental organizations have expressed concern. These responses included lab testing for compounds typical of gasoline, CCTV inspections of odorous sewer lines, and additional sampling for DNA analysis and fecal coliform concentrations.
7. **Phase 5 Summary Report** – A report to summarize the results of the Phase 5 IDDE investigation will be completed this fall.

As previously discussed, the Village has entered into a Consent Order with the NYSDEC to reduce infiltration and inflow (I/I) and to eliminate sanitary sewer overflows. The Village, in coordination with our consultant Arcadis, is completing the I/I study in the West Basin Pump Station drainage area. The Village will begin rehabilitation in the spring of 2015, which will include grouting sewer lateral connections to the mainline sewer, and eliminating inflow sources. In addition, the Village will be sending violation notices to 34 properties with identified illegal sanitary sewer connections. The NYSDEC has received a report on the results of the investigation and planned corrective actions. I/I investigations and rehabilitation is scheduled to continue through 2019.

In addition to the IDDE investigations and the I/I investigations, the Village completed the following non-point source remediation in 2015.

1. Continued services of a goose-chasing dog company to scare away geese and reduce goose waste in parks. The goose-dog service makes daily visits year round to scare away geese;
2. Resumed field vacuuming of goose waste for the season in April. This will continue through the end of November, 2015;
3. Continued deploying “scare-crow” eagle kites to scare away the geese, which have been found to be very effective in Harbor Island Park on the shore of Mamaroneck Harbor and Long Island Sound. They have not worked in Columbus Park due to the tree canopy; and
4. Continued an egg-oiling program with the USDA in the Spring, to continue progress eliminating new generations of geese along the shorefront, both in the parks and along private property of cooperating homeowners, through population control. This has limited the number of goslings hatched each year, which has prevented an increased in the local goose population through having over 100 eggs oiled in Mamaroneck Village in 2015.

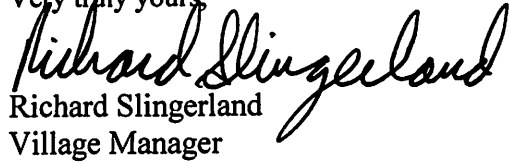
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Since the Village has shown satisfactory progress with the IDDE program and is committed to continuing this program as required by the Municipal Separate Storm Sewer (MS4) program, the Village requests that Administrative Order CWA-02-2011-3022 be lifted at this time. Our next quarterly report will be due for the period ending November 30, 2015. I would be happy to speak with you to answer any questions, and to discuss any portion of this report.

Very truly yours,


Richard Slingerland
Village Manager

cc: Mayor and Board of Trustees
Meena George and Natalie Browne, NYS DEC
Committee For The Environment, Village of Mamaroneck
Charles Goldberger and Linda Whitehead, Village Attorneys
Dan Sarnoff, Assistant Village Manager
Tony Iacovelli, Public Works General Foreman
Barry Casterella, Parks General Foreman