

Village of



Mamaroneck

OFFICE OF
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July 7, 2014

By e-mail/electronic service, 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 May 31, 2014

Dear Mr. Ciotola:

I am writing to submit the Village's quarterly report for the quarter ending May 31, 2014.

- Our consultant ARCADIS has begun the Illicit Discharge Detection and Elimination (IDDE) program for 2014. Here is a summary of the work completed to date:
 - Visited known outfalls, and located and mapped outfalls that were not previously mapped along Beaver Swamp Brook and Otter Creek;
 - Performed dry weather inspections of the outfalls and looked for signs of illicit discharges;
 - Collected samples from all outfalls in the Otter Creek and Beaver Swamp Brook corridor that had dry weather flow, as well as samples from the streams themselves. Samples were analyzed for fecal coliform bacteria; the results of which are enclosed with this letter.

The results of the sampling events did not show significant elevated concentrations of fecal coliform in any of the collected samples. Sampling location VJ58 and VJ04 showed slightly elevated concentrations. Both of these outfalls will be sampled again to determine if further IDDE investigations are warranted within the sub catchment areas that drain to them.

- The Village has been experiencing sanitary sewer overflows (SSOs), which is believed to be caused by excessive infiltration and inflow (I/I) in the sanitary sewer system. Since these sanitary sewer overflows discharge to the storm sewer system, and ultimately to the streams and Mamaroneck Harbor, the

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problem is directly related to this program. The NYSDEC has been notified and kept informed of the steps that the Village is taking to reduce I/I and eliminate the SSOs. The Village's consultant ARCADIS has provided a scope of work to address these SSOs and will begin work this summer.

The Village GIS mapping has been updated to show previous work completed to reduce I/I. This includes lining the sanitary sewer with cured-in-place liner, repairing leaking manholes, and showing the locations where residential sump pump inspections have revealed residents with sump pumps connected to the sanitary sewer.

- Collected samples at the storm sewer outfall at the Jefferson Avenue Bridge and analyzed for fecal coliform. Results were extremely low, nearly non-detect.
- ARCADIS resampled the Otter Creek down gradient of the Mamaroneck Beach and Yacht Club force main that was repaired last year in 2013. The sample (Sample ID SHB) was collected during low tide and dry weather and analyzed for fecal coliform. The fecal coliform concentration were non-detect, so it appears that the repair corrected the problem and that there are no additional sources of fecal coliform at this location.
- Save the Sound is developing a sampling program again this summer and for the second year in a row will be coordinating efforts with our consultant ARCADIS.
- The Village will monitor the Westchester County Department of Health Mamaroneck Harbor sampling results this summer as they are provided to us to identify if and where elevated levels of bacteria are occurring so that follow-up sampling and investigations can be implemented.

We are continuing to pursue non-point source remediation, as follows:

1. Investigating possible sources of bacteria in the Guion Creek/Beaver Swamp Brook area;
2. Continuing services of a goose-chasing dog company to scare away geese and reduce goose waste in parks. The goose-dog service makes daily visits over the year to scare away geese;
3. We resumed field vacuuming of goose waste for the season in April, when field use resumed;
4. We use the goose-chasing whistling rocket guns, but with little to no success, because the geese are so desensitized to these rockets they no longer fly away;
5. We bought and deployed "scare-crow" eagle kites to scare away the geese, which have been deployed and found 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;

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6. We are continuing an egg-oiling program with the USDA in Spring, 2014, to continue progress eliminating new generations of geese in the parks, through population control. The first report received was that 125 eggs were oiled in 25 nests by coordinating with the Town of Mamaroneck and Village of Larchmont. We are awaiting the end-of-season report on the goose-egg oiling program, as coordinated between the three communities of Mamaroneck Village, Mamaroneck Town and Larchmont Village; and

7. Our next quarterly report will be due for the period ending August 31, 2014.

I would be happy to speak with you to answer any questions, and to discuss or expand upon any portion of this report.

Very truly yours,

A handwritten signature in black ink that reads "Richard Slingerland". The signature is fluid and cursive, with the first name "Richard" and last name "Slingerland" clearly legible.

Richard Slingerland
Village Manager

cc: Mayor and Board of Trustees
Pat Ferracane, NYS DEC
Committee For The Environment, Village of Mamaroneck
Charles Goldberger, Village Attorney
Linda Whitehead, Village Attorney
Dan Sarnoff, Assistant Village Manager
Anthony Carr, Village Engineer
Tony Iacovelli, Public Works General Foreman
Barry Casterella, Parks General Foreman