

Village of



Mamaroneck

*Village Hall At The Regatta
P.O. Box 369
123 Mamaroneck Avenue
Mamaroneck, N.Y. 10543*

TELEPHONE
(914) 777-7703
FAX NUMBER
(914) 777-7760

OFFICE OF
RICHARD SLINGERLAND
VILLAGE MANAGER

September 25, 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 August 31, 2014

Dear Mr. Ciotola:

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

- Our consultant ARCADIS has continued the 2014 Illicit Discharge Detection and Elimination (IDDE) program.
 - **Outfall Inspections** - Since the last quarterly report our consultant has visited 110 storm water outfalls and performed dry weather inspections. Some outfalls have dry weather flow, but most of the flowing outfalls have a flow rate of only 1-2 gallons per minute. The water discharging from the outfalls was clear and there was no obvious illicit discharges identified. The flowing outfalls will be sampled and analyzed for fecal coliform within the next couple of months. If the results from the sampling identify high fecal coliform concentrations, sub catchment area investigations will begin to locate the source(s).

Outfall locations are being updated in the Village Geographic Information System (GIS) and a Microsoft Access database has been developed to store and manage inspection reports and photos. There are approximately 30 remaining outfalls that will be visited and inspected prior to the next quarterly report. Sample results will be provided with the next quarterly report.

- **Covanta and DPW Inspection** – ARCADIS completed an inspection of the Covanta Transfer station and the Village DPW and interviewed staff. A dye test was performed in one of the floor

THE FRIENDLY VILLAGE

drains in the Village DPW and at the Covanta curtain drains that are located outside at garbage truck staging areas. All of the drains inspected drained to the proper location. The staging area curtain drains and the floor drains discharged to the sanitary sewer. There is dry weather flow at the outfall that appears to be coming from pumped ground water at the Covanta facility. The outfall and the ground water pump discharge will both be sampled for fecal coliform sources and the results provided with the next quarterly report.

- **Dye Test Village Sanitary Sewer Siphon** – ARCADIS performed a dye test with the Village DPW at the sanitary sewer siphon located on South Barry Avenue to confirm sewage was not leaking from the siphon into Guion Creek. Dye and water was added to the manhole at the upgradient side of the creek. Dye was observed in the manhole on the downgradient side of the creek and not in the creek.
- As previously discussed, the Village has been experiencing sanitary sewer overflows (SSOs) within the West Basin Pump Station sewershed. Since these sanitary sewer overflows discharge to the storm sewer system, and ultimately to the streams and Mamaroneck Harbor, the problem is directly related to the Illicit Discharge Detection and Elimination program. The Village has been coordinating with the NYSDEC on this and has been taking steps to reduce an infiltration and inflow (I/I) and eliminate the SSOs. The NYSDEC has drafted a Consent Order and the Village has drafted a scope and schedule for the I/I program to be incorporated in the Consent Order. The Village and our consultant ARCADIS have begun the I/I study in the West Basin Pump Station drainage area. Completed work has included:
 - **Cleaning and Closed Circuit Television (CCTV) Inspections** – A subcontractor cleaned and televised 12,000 linear feet of sanitary sewer. A significant amount of debris was removed from the sewers in the low laying areas in the vicinity of the West Basin pump station and the flow line is visibly lower in the pipe. The CCTV inspections uncovered groundwater leaking into the sewer main at the lateral connections and within the laterals themselves.
 - **Illegal Connection Inspection Program** - The Village has begun an Illegal Connection Inspection program and have called residents to schedule an inspection of their property to look for illegal connections to the sanitary sewer such as driveway drains, sump pumps, gutter downspouts, and foundation drains.
 - **Flow Isolation** - ARCADIS has been collecting flow measurements at manholes to determine where to prioritize I/I investigations.
 - **Flow Metering** - Temporary flow meters will be installed in five manholes within the Village the week of September 15th, along with a rain gauge and two groundwater flow gauges. These instruments will record data for two months and will be used to determine where to focus I/I reduction measures. The data will also be used to calibrate a hydraulic model which will be used to identify how best to eliminate the SSOs.

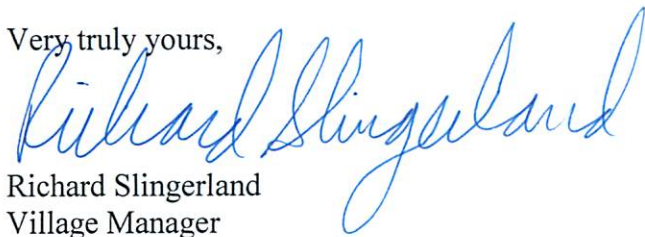
- The Village and Save the Sound have been coordinating field efforts again this year. Sampling plans were discussed and analytical results will be shared when they become available.
- The Village has been monitoring the Westchester County Department of Health Mamaroneck Harbor sampling results this 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 parkland non-point source remediation, as follows:[KH1]

1. 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 course of an entire year to scare away geese;
2. We have continued field vacuuming of goose waste during field use season, from April 1 through November 30;
3. 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;
4. We continue to deploy and replace “scare-crow” eagle kites to scare away the geese, which have been 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;
5. 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. We are awaiting the final report from the USDA about the completion of the egg-oiling project in the Village of Mamaroneck. This is the first year of tri-community coordination between the three communities of Mamaroneck Village, Mamaroneck Town and Larchmont Village.
6. Our next quarterly report will be due for the period ending November 30, 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,



Richard Slingerland
Village Manager

cc: Mayor and Board of Trustees
Pat Ferracane, NYS DEC

September 25, 2014

Village of Mamaroneck Quarterly Report to the USEPA – period ending August 31, 2014

Page 4 of 4

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