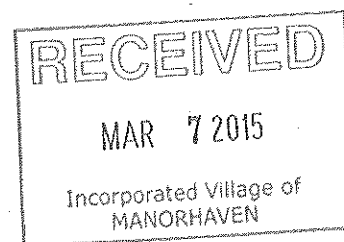




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

MAR 02 2014



Ms. Leslie Gross, Village Clerk
Village of Manorhaven
33 Manorhaven Blvd.
Port Washington, NY 11050

Re: Sanitary Sewer System Compliance Evaluation Inspection
SPDES Tracking No. NYP000358

Dear Ms. Gross:

As part of a joint effort between the United States Environmental Protection Agency (EPA) and the New York State Department of Environmental Conservation (NYSDEC) to ensure that the discharge of sanitary sewage is minimized, we conducted a satellite sanitary sewer system Compliance Evaluation Inspection (CEI) of your facility on February 27, 2015.

Based on the information provided by the Village during the CEI, the Village is currently adequately minimizing the discharge of sanitary sewage.

Please note that overall compliance by your sanitary sewer collection system will continue to be reviewed by NYSDEC and any questions or issues related to your compliance should be addressed directly to NYSDEC. Any questions or information related to this inspection should be directed to EPA along with a copy to NYSDEC.

I am enclosing a copy of the sanitary sewer system CEI findings for your files.

If you have any questions concerning our inspection, please feel free to contact me at (212)637-3950 or at gaugler.larry@epa.gov. Additionally, further guidance and information concerning the control of SSOs may be found by accessing the following EPA web site: http://cfpub.epa.gov/npdes/home.cfm?program_id=4.

Sincerely yours,



Larry Gaugler, P.E.
NPDES Team Leader
Water Compliance Branch

Enclosure

cc: Anthony Leung, NYSDEC Region 1

Section A: National Data System Coding (i.e., PCS)

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1 N 2 5 3 N Y P 0 0 0 3 5 8 11 12 1 5 0 2 2 7 17 18 & 19 R 20 1					
Remarks					
2					
Inspection Work Days		Facility Self-Monitoring Evaluation Rating		Reserved	
6 69 70 71 72 73 74 7 80					

Section B: Facility Data

Name and Location of Facility Inspected (for industrial users discharging to POTW, also include POTW name and NPDES permit number)	Entry Time/Date	Permit Effective Date
Village of Manorhaven 33 Manorhaven Blvd. Port Washington, NY 11050	7:50 AM / 2/27/15	
	Exit Time/Date	
	9:30AM / 2/27/15	
Name(s) of On-Site Representative(s) / Title(s) / Phone		Other Facility Data
Kenneth Pritchard, VicePresident, D & B Engineers 516-422-7353		
Name Address of Responsible Official / Title / Phone and		
Leslie Gross, Village Clerk 516-883-7000 x11		
		Contacted
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input type="checkbox"/>	Permit	Flow Measurement	<input checked="" type="checkbox"/>	Operations & Maintenance	<input checked="" type="checkbox"/>	CSO/SSO (Sewer Overflow)
<input checked="" type="checkbox"/>	Records/Reports	Self-Monitoring Program		Sludge Handling/Disposal		Pollution Prevention
	Facility Site Review	Compliance Schedules		Pretreatment		Multimedia
	Effluent/Receiving Water	Laboratory		Storm Water		Other:

Section D: Summary of Findings/Comments (Attach additional sheets of narrative and checklists as necessary)

Based on the information provided by the Village during the CEI, the Village is currently adequately minimizing the discharge of sanitary sewage.

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Phone and Fax Numbers	Date
Larry Gaugler, P.E.	EPA/WCB/(212) 637-3950/FAX: 637-3953	3/2/15
Signature of Management Q/A Reviewer	Agency/Office/Phone and Fax Numbers	Date
Larry Gaugler, P.E., NPDES Team Leader,	EPA/WCB/(212) 637-3950/FAX: 637-3953	3/2/15

Satellite Sanitary Sewer System Compliance Evaluation Inspection

Name of Satellite Sanitary Sewer System: Village of Manorhaven

SPDES No.: NYP000358

Address of Permittee: Village of Manorhaven
33 Manorhaven Blvd.
Port Washington, NY 11050

Date of Inspection: February 27, 2015

I. Background and Findings

a) The purpose of this Satellite Sanitary Sewer System Compliance Evaluation Inspection was to assess the adequacy of the system's minimization of Sanitary Sewer Overflow (SSO) discharges.

b) Sanitary sewage flows from the Village of Manorhaven (Village) are conveyed to the Port Washington wastewater treatment plant (WWTP).

c) The Village population is approximately 6,000.

d) The Village sanitary sewer system is approximately 60 years old and 5 miles in length.

e) The Village conveys approximately 0.6 MGD to the Port Washington WWTP.

f) The Village provided the following during the inspection:

1. Responses to pre-inspection questionnaire (attached)
2. Supplemental information to document its responses; this information was made available during the inspection.

g) The Village stated that it has not had a release of sanitary sewage which reached storm sewer catch basins at least since 2012.

II. Compliance Assessment

Based on the information provided by the Village during the CEI, the Village is currently adequately minimizing the discharge of sanitary sewage.

III. Additional Information

a) Village-prepared responses to pre-inspection questionnaire.

**Meeting with Larry Gaugler, P.E.
NPDES Team Leader
Division of Enforcement and Compliance Assistance
USEPA Region 2 Floor 20
290 Broadway
New York, New York 10007
(212) 637-3950
Gaugler.larry@epa.gov**

February 27, 2015

Goal: To assess the adequacy of satellite separate sanitary sewer system(s) in preventing SSOs

To make this assessment, the following elements, at a minimum, will be examined:

I. Collection System

a) Describe collection system:

1. Upstream contributors and downstream destination and provide a copy of any applicable intermunicipal agreements governing the conveyance of wastewater.

See Exhibit #1 IMA with PW Water Pollution Control District: 7/06-6/16 regarding Treatment of the water (but not the conveyance thereof).

There are no inter-municipal agreements governing conveyance of wastewater. The Village of Manorhaven does contract with the Port Washington Water Pollution Control District to accept and treat our wastewater.

Upstream: Goes from Ashwood Road to Inwood Road.

Downstream: Goes from Dunes Lane to Inwood/Manorhaven Blvd.

At this point, they join and go under Sheets Creek and to the lifting Station.

Downstream Destination: PWWPCD

2. Separate:

Yes

3. Pump station:

Manorhaven only has one pump station.

The pump station is 60 years old and was upgraded in 1980 and 2009.

4. Age of system components / construction materials:

Force Main: The Force Main is 14" constructed of transite pipe (asbestos and cement): Age- 60 years

Gravity Pipes throughout the Village: 8" – 12" A.C. transite pipes, 12" -16" CI pipes, approximately 60 years old.

5. Pipe sizes and lengths throughout the system

Pipes are 8" – 16", vast majority are 8".

6. Status of system mapping (provide CD copy, if available)

See Exhibit #2

7. # Manholes:

There are 262 manholes throughout the Village of Manorhaven including Manhasset Isle.

(These are jetted every year at a minimum, or more frequently as needed.)

II. Pump Station(s): The Village of Manorhaven has one Pump Station on Pequot Ave. and Sintsink Drive W.

a) Capacity of the station:

The capacity of the pump station is _____ gallons per day.

b) Alarm status and emergency power generation at the station:

Alarm system at the station is 2 years old. (See Exhibit #3)

The Diesel generator is 30 years old, and in excellent condition, constantly checked. Off-Shore Diesel is an outside maintenance vendor who logs their visits at the Pump Station.

c) Provide annual, monthly, daily and peak flows for past two years (or equivalent information which demonstrates that the pumping stations are being operated without the occurrence of SSO discharges.)

See monthly flow records attached. (See Exhibit #4)

III. Flow Metering and Billing

a) Describe how flows are metered and provided flow data for the last year

Flow meters at the pump station and at the PWWPCD bill the Village by the gallons treated. (See exhibit #5)

b) Describe how wastewater costs are billed and provide representative billing record(s)

Billed as a part of taxes.

IV. SSO Discharges/ Spills (*SSOs or Spills: any release, spill, or discharge of wastewater from or caused by a sewage collection system, and not private lateral, to public or private property (including basement backups) whether or not it reached a surface water.*)

- a) Does the municipality have written procedures for responding to and reporting sanitary sewer overflow or spills? **YES**

The Clerk maintains a DEC spill log. There is a form the clerk fills out, and reports a sewage spill to the DEC at 1-800-457-7362 and gets a spill number. A letter then goes to the DEC in Stony Brook. (See Exhibit # 5)

If there is a problem at the station, the alarm system communicates with Village office during work hours. (this, thank goodness, has not happened) After hours and holidays, the alarm goes directly to whichever DPW staff is on call. There is always someone on call, 24/7, 365 days a year.

In the rare event that sewage overflows (Exhibit 5A) onto the streets, it was either discovered by a passerby or a homeowner. The person on call goes to inspect the overflow and then would contact a plumbing company to take care of it if it was something they couldn't handle. Our DPW workers carry chlorine flakes to clean the street so that if anything were to go into the catch basin, the bad germs are killed before they would hit the basin. Any spill would be monitored and chlorinated.

- b) If yes, provide a complete copy of these procedures.

See Exhibits 5 and 5A.

- c) Has the municipality experienced any sanitary sewer overflows (SSOs) or spills in the past 5 years?

See Exhibit #6. Photos of oil spill which went directly into Sheets Creek, though not an SSO.

Note: While this spill was not a result of our sewer system, it was of grave concern, and the DEC was called to the scene. Since this was worse than any sanitary spill we have encountered, we have mentioned it in this report.

I have made available for your review every incident reported to the Village with photos where pertinent.

d) If yes, please provide a complete inventory of SSOs and spills for the past 5 years. Please ensure that the following information is included in the inventory: See Exhibit 5A

- 1) Type of overflow/spill (i.e., SSO, basement backup, etc.)
- 2) Date of overflow or spill: October 5, 2012
- 3) Location: 152 Shore Road, Port Washington
- 4) Duration : Reported at 12:10 pm; men on scene at 12:25 pm; clean up completed by 1:15 pm
- 5) Volume : less than 50 gallons
- 6) Main : the line was clogged

V. Residential Complaints

a) Has the municipality received any citizen complaints regarding the release of sewage into private residences or onto private property during the past 5 years?

This administration took office in July of 2012. There were no records left by the prior administration. There is one resident who has complained during my tenure about sewage backing up into their basement on Mohegan. They said they are an “absentee landlord” and that they couldn’t be sure what the “tenant had thrown down their drain.” We suspected that they had thrown kitty-litter down the toilet.

When we received the call of a back-up on this weekend in question, we sent our crew to the scene. We also called our plumber who checked the manhole which was clear. The Resident then hired this same plumber (since it was a weekend and the plumber was already there) to check their home. It was ascertained that there was probably something that should not have been put into the drain in the home.

b) If yes, please provide a complete inventory of events by year and the cause of the overflows for the past 5 years.

c) If no, please provide a summary of how citizen complaints would be managed if received.

(see above)

VI. Collection System Insurance

a) Is insurance maintained for the collection system?

The Incorporated Village of Manorhaven maintains a comprehensive insurance policy with NYMIR.
(see pink tab: Insurance)

b) If so, provide a list of all insurance claims paid, as a result of SSOs or spills, to affected property owners for the past 5 years.

c) If not, provide information on how residents are compensated for damages resulting from SSOs or spills?

If there were damages due to a problem caused by the Village, the resident would notify The Village in writing. Once The Village was notified, we would collect supporting documentation, present it to our insurance company, and they would continue from there. Concurrently, the Village Clerk would notify the Mayor, Deputy Mayor and Village Attorney to make them aware of the situation.

(See divider marked: Ins./Elevation)

VII. Capacity Issues

a) During the past 5 years, has the municipality experienced any capacity issues, force main failures, collection system cave-ins, pump station spills, or issues related to oil and grease?

I am only able to answer for the time period beginning July, 2012 when the Giunta Administration took office, as the previous administration got rid of their records when they left office.

There have not been any capacity issues of which I am aware.

The force main has not failed, nor have we experienced any collection system cave-ins.

Regarding oil and grease, again I suggest you see the pictures regarding the oil which has spilled into Sheets Creek. (Blue tab: Dejana)

Please Note: The current Building Superintendent created a grease-trap inspection form and program because the prior administration had none. (See Exhibit # 6)

b) If yes, please provide a complete inventory of events by year including a description of the event that clearly denotes the cause of the event and the receiving water, if any.

VIII. Collection System Maintenance

a) Discuss and describe how excessive infiltration is minimized

During Super Storm Sandy, the flood water level near the pump station rose to an alarming level, however it did not cause any problems. We enlisted the help of the engineering firm of Dvirka & Bartilucci for suggestions to prevent future problems. A new protective front door was installed for the station.

An Infiltration/Inflow analysis and SSES was performed in the 1980's. Recommendations were made, and the recommended improvements were implemented.

b) Discuss and describe how inflow is eliminated

c) Local law prohibiting inflow

d) Describe preventive maintenance (e.g., schedules, cleaning, root cutting, etc...) program and provide documentation

The Port Washington Water Pollution Control District maintained our sewer system from 1956 to 2003. During that time, they kept maintenance records. We were told by PWWPCD that inspections were done twice a year for the 'good' spots, and three times a year for the trouble spots. The records were given to Dejana Industries when a prior administration gave them the maintenance contract.

e) Describe corrective maintenance program and provide documentation

This administration has been vigilant in rotating the pumps in the pump station daily, as well as dropping sewer maintenance packets into the manholes to prevent clogs. See Exhibits #7 & #8.

f) Sewer breaks

Force Main: I have been told that the force main has broken 4 times

1. LILCO, during a gas/ house connection hit the pipe and broke it.
2. Pequot Avenue: 300' from the pump station.
3. Pequot Avenue: near triangle.
4. Pleasant Avenue

All breaks were repaired by Banker Construction Company.

g) Sewer backups

See reprint of our Sewer Log Book.

h) Known trouble spots (see White Tab)

Greywood

Mohegan

Firwood

Between Kirkwood & Juniper

Between Inwood & Hickory

Between Firwood and Greywood

Corchaug between Sintsink Dr. W & Manhasset Ave.

i) Cleaning

1. What percentage of the sewer is cleaned annually?

We clean 100% of the system annually and three times a year for trouble spots.

2. At what frequency is the entire system cleaned (e.g., once every 3 years)?

See above.

3. Is Closed-circuit Television (CCTV) equipment used to inspect the sanitary sewer system?
If yes, what percentage of the system is inspected on an annual basis?

Yes, and we plan to inspect more this year.

4. Does the City have a Fats, Oils, and Grease (FOG) Program?
If yes, please attach a summary of program. NO

Restaurants, Delis and food businesses are mandated to have a grease trap inspected by village personnel. A business must have documentation of grease removal.

IX. Enforcement Order(s)

a) Provide copy of all current State enforcement orders which address SSOs

(See exhibit #6)

X. Municipal Separate Stormwater Sewer System (MS4)

a) Does your municipality currently have a Stormwater Management Program for detecting and eliminating illicit discharges (Illicit Discharge Detection and Elimination program (IDDE program))?

Yes, we have storm water reports on our website going back to 2009.

a) certain manholes and catch basins

b) Locations at which collection system projects are underway

None at this time.

c) Pump Station