



Town of Yorktown, NY

Capacity, Management, Operation and Maintenance (CMOM) Plan

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1. Introduction

1.1 Existing Sanitary Sewer Collection System

In the Town of Yorktown there are two separate municipally-owned collection systems: the Hallocks Mill Sewer District and the Peekskill Sanitary Sewer District.

Please refer to Appendix A to view the GIS map of the Town that shows the boundaries of both collection systems.

Hallocks Mill Sewer District

The Hallocks Mill Sewer District is located in the east portion of the Town. Wastewater from the collection system discharges to the Yorktown Heights Water Pollution Control Plant (WWTP). There are approximately 5,200 parcels that comprise this District. The collection system consists of 9 pump stations and approximately 275,000 linear feet of gravity sewer and force main.

Pump Station	# of Parcels	Year Built/Rehab	# of Pumps	Pump Capacity
Countryside	~10	1981	2	20 gpm
Jefferson Park	~25	2020	2	30 gpm
Salem	~30	1979	2	30 gpm
Crystal Lake	~35	1981	2	30 gpm
Mohansic	~90	1959	2	90 gpm
Hanover East	~60	1989	2	100 gpm
Walden Woods	~120	2020	2	100 gpm
Jefferson Valley	~630	2020	3	250 gpm

The WWTP is operated by the Town of Yorktown and is permitted by the New York State Department of Environmental Conservation (NYSDEC) under the State Pollutant Discharge Elimination System (SPDES) permit No. NY0026743 to discharge 1.5 million gallons per day based on a 12 month rolling average.

Plant effluent discharges to Hallocks Mill Brook which flows to the Muscoot River and ultimately to the New Croton Reservoir, part of the New York City Croton watershed.

Peekskill Sanitary Sewer District

The Peekskill Sanitary Sewer District is located in the northernmost section of the Town. There are approximately 6,000 parcels that comprise this District. The Town-owned collection system ties into Westchester County trunk lines and then is conveyed to the Peekskill WWTP, a County-owned and operated treatment facility. The collection system consists of 8 pump stations and

approximately 200,000 linear feet of gravity sewer and force main.

Pump Station	# of Parcels	Year Built	# of Pumps	Pump Capacity
Contr Register	5 Res. 1 Com.	1990	2	100 gpm
Farmwalk	~80	1991	2	80 gpm
Ponderosa	~30	1983	2	30 gpm
Hunterbrook	~400	1999	2	600 gpm
Cedar Pond Condo	1	2008	3	11 gpm
Chalet	~270	1986	2	400 gpm
Mohegan West	~200	1998	2	120 gpm
Mohegan East	~400	1996	2	250 gpm
Curry Street	~89	2009	2	400 gpm

1.2 Purpose

The Town of Yorktown prepared this Capacity, Management, Operation and Maintenance (CMOM) program using guidelines put forth by the United States Environmental Protection Agency (USEPA) with the intended goal of minimizing the potential for sanitary sewer overflows (SSOs). Sewer overflows can contaminate our waterways, cause serious water quality problems, and back-up into homes, causing property damage and threatening public health. Possible causes of SSOs include blockages, line breaks, sewer defects that allow stormwater and groundwater to overload the system, power failures, improper sewer design, and vandalism.

The ultimate goal for every CMOM program is to mitigate SSO occurrences in a sewer collection system. The CMOM program should be re-evaluated and updated regularly to accurately reflect the state of the sewer system.

During periods of wet weather, extraneous water enters the sanitary sewer systems through groundwater infiltration via cracked or shifted pipes and manholes; surface runoff through manhole cover vents; and connected downspouts from buildings, sump pumps, and storm drains. Excess water, generally termed infiltration and inflow (I/I), periodically discharges from the sanitary system to the storm system as an SSO. As a condition of the Town's SPDES permit, the Town is required to develop a CMOM program to:

- (1) reduce the number of backups and SSOs;
- (2) reduce peak wet weather flows in the system;
- (3) minimize pump station failures and overflows due to equipment malfunction.

The CMOM program is intended to help the Town provide consistent service to customers and reduce regulatory noncompliance. This document has been prepared to serve as the formal CMOM program for the Town of Yorktown and is intended to be updated periodically to identify and meet performance goals and standards.

1.3 Capacity Analysis

A capacity evaluation of the collection system, entitled "*Hallocks Mill Sewer District Flow Monitoring and Capacity Analysis*", was prepared by GHD Consulting Services Inc. in January 2011. Flow monitoring performed as part of the evaluation which contains detailed flow data for monitoring stations that were set up within the District. These data sets represent the most recent available at the time of this writing.

No flow restrictions were identified in the collection system as a result of the 2011 study. The study noted that approximately 27 percent of the HMSD parcels are not connected to Town sewers since the full build-out of the District has not yet occurred. The sewer capacity will have to be re-evaluated at the time when additional build-out occurs.

In 2016 the Town hired GHD Consulting Services Inc. to prepare a feasibility study of extending sewers to 650 parcels in the HMSD. A report entitled "*Hallocks Mill Sewer District Sewer Service Extensions and Crystal Lake Pump Station Improvements*" was delivered to the Town in April 2018. The Town has not yet decided on whether to proceed with the implementation of this project.

2. Collection System Management

2.1 Organizational Structure

The Town Sewer Department is responsible for operations and maintenance of the sanitary sewer collection system. The Assistant Plant Superintendent is responsible for overseeing all sewer operations and managing personnel for routine and preventative maintenance activities. The Town Engineer also manages the operation and maintenance of the sanitary sewer system, prepares reports to regulatory agencies and plans capital improvement projects such as pump station upgrades, pipe replacement, manhole re-lining, etc.

The Sewer Department consists of the Assistant Plant Superintendent and ten full-time Town employees. These employees serve multiple functions within the Sewer department, including maintenance tasks associated with the sewer collection system, pump stations and WWTP.

The Town's staffing structure between crews is flexible which allows employees to conduct maintenance activities based on severity as directed by the Assistant Plant Superintendent. For example, If the collection system needs a skilled trade worker from another crew (WWTP, pump station, etc.), one will be provided. Conversely, if the pump station crew needs assistance, the sewer maintenance crew will assist.

Ed Mahoney
Sewer Department
Assistant Plant Superintendent
(914) 497-6761

Michael Quinn, P.E.
Engineering Department
Town Engineer
(914) 962-5722

2.2 Training

Adequate training is important to operate and maintain a collection system. On-the-job training is the primary source of training for the sewer maintenance crew. Members of the Pump Stations and Sewer maintenance crews periodically attend a manufacturer's training session for a product they use or will be using. On-the-job training is provided for the following areas: Dig Safe, OSHA 10-hour construction site safety, traffic control, defensive/safe driving, CPR/first aid, work order management, lockout/tagout, etc.

In addition to on-the-job training, employees periodically attend confined space training outside of the facility, provided by the New York State Department of Labor Public Employee Safety and Health Bureau. The program is in accordance with the Occupational Safety and Health Administration's Permit-Required Confined Spaces Standard, Title 29, Code of Federal Regulations 1910.146.

2.3 Internal Communication

Communication within the Sewer Department is an essential element to maintaining the Town sewer collection system in order to identify issues of concern and follow-up issues before they can become sanitary sewer overflows. Each Sewer Department employee has a cell phone/radio on their person so uninterrupted communication between crews and supervisors is possible throughout the day. In case of emergencies, crews will stop their routine daily tasks to respond.

Internal communication throughout the department is also by memos and formal work requests. If information needs to be passed through the entire department, a memo is written and distributed via email and hard copy accordingly. Formal work requests are prepared when specific tasks have to be completed outside of the routine daily tasks or as complaints arise.

Communication is also important between Town departments, email and telephone being the main forms. Currently, the Supervisor and his office staff at the WWTP and Town Hall have access to email. They can contact appropriate departments and receive a response in a timely manner. If the request is urgent, telephone communication is preferred.

The Yorktown Town Board is made up of elected officials who represent the community. They are present at public meetings and vote on capital spending projects as well as other matters that may affect the community. Meetings are listed on the Town's website and are generally open to the public. The Town conducts closed door work sessions which are not open to the public; however, their occurrence is posted on the Town's website. Important information from the public forums is generally reported in the local newspaper.

The Town Engineer attends public meetings and is available to answer questions regarding the sanitary sewer system.

2.4 Customer Service

The Town's Sewer and Engineering Departments regularly respond to complaints generated by system users. Timely and efficient responses to citizen complaints are critical to maintaining user satisfaction. Complaint response typically involves a field visit and follow-up phone call or meeting with the person generating the complaint to discuss any corrective measures to be undertaken.

The Sewer maintenance crew is responsible for addressing complaints. Responses to complaints are in addition to regular daily operations of this crew. If a complaint triggers a major repair or cleaning, the Sewer maintenance crew will respond as needed with the appropriate equipment.

A formal complaint is generated when a homeowner calls the Sewer Department's main office. During normal business hours, the complaint is taken by the representative on duty and forwarded to the Assistant Plant Superintendent. The complaint will then be assigned to one of the maintenance crews.

When complaints are received regarding the sewer collection system, the maintenance crew leader field verifies the problem which triggered the complaint. They will check upstream and downstream manholes and flush the respective lines to determine the cause of the problem and where responsibility lies. The Town is responsible for sewer lines with the exception of privately-owned laterals from homes and businesses. The homeowner/business owner is responsible for problems in the lateral. If it is determined the problem is not the responsibility of the Town, the

Homeowner/business owner is advised to call a local plumber to address the problem. The Town can provide a list of licensed plumbers if requested by the homeowner/business owner.

Complaints are addressed as soon as possible. If there is a health or safety concern, a maintenance crew will respond accordingly. The Town is committed to tracking complaints (and the complaint response) on a spreadsheet, organized by street name, to gain a general understanding of streets that tend to have the most frequent complaints.

2.5 Work Order Management System

Maintaining accurate and easily accessible records provides a benefit to the Town in managing its collection system. The work order management system used by the Town staff provides the following to the Town: (1) it maintains preventative maintenance and inspection schedules; (2) it ranks work orders and associated repairs; and (3) it records customer service inquiries, complaints, and requests.

The Sewer Department is currently transitioning to a computerized work order system to more accurately record and track work orders. Each employee on the sewer maintenance crew plays an important role in receiving/responding to printed work orders so documentation can be assembled and compiled by supervisory staff.

The sewer maintenance staff learns to document these activities through on-the-job training. Depending on the type of activity the crew is working on that day, different information is documented in the field logs. Upon return to the WWTP at the end of the workday, each log is transferred to the online management system for review by the supervisor. If the supervisor is satisfied with the information documented, the work order will be closed. Sewer Maintenance Reports are to be filled out and electronically filed for the following activities: (1) cleaning sewers; (2) cleaning catch basins; (3) general sewer or storm sewer maintenance; (4) manhole inspections; (5) pump station maintenance.

Please refer Appendix D to view completed Work Orders for the year of 2020.

2.6 Overflow Emergency Response Plan

An SSO event is considered high priority relative to other regular normal operation or maintenance activity associated with the Town's collection system. Since SSO response is a high priority occurrence, the Sewer Department will immediately deploy at least one crew to respond to an SSO in the collection system. Sewer workers are available during regular business hours and available on-call 7 days a week, 24-hours a day, 365 days a year.

Temporary portable gasoline-powered pumps are used if needed to bypass flow around an SSO and prevent basement flooding. A Town-owned vacator truck is utilized to clear blockages. If wet well levels become too high at pump stations, an alarm condition will be noted at the WWTP and notification is sent to the Assistant Plant Superintendent's cellular phone via the Town's Mission Control System. Each pump station includes a Mission Control System to notify staff of alarms/failures at each station. Pump station response is discussed further in subsequent sections.

Based on historical experience, the maintenance crews are knowledgeable of which areas are most susceptible to SSOs when a rain event starts. During wet weather, these areas will be closely monitored even if an SSO is not reported.

For SSOs in the collection system, the Sewer Department will be notified via telephone and

immediately deploy a crew with a vactor truck. The crew will investigate the cause of the SSO by inspecting upstream and downstream manholes for a blockage. If such a blockage is observed in the sewer main, the crew will flush the main to mitigate the problem and homeowners affected by the SSO will file a claim with the Town. If it is found that the reason for an SSO at a particular residence was caused by a blockage in the sewer lateral, the crew will inform the property owner that it is their responsibility.

If an SSO occurs, the area is immediately cleaned to prevent safety or health risks. Once the situation is resolved, the crew is responsible for documenting the entire SSO response effort.

Due to the critical nature of SSO response and reporting, the Town is currently developing new procedures for SSO reporting. The new reports are intended to track SSO events and evaluate severity. Reports will include at a minimum the duration of the event, estimated quantity, process for determining the estimated quantity and identification of the final discharge point. Enhanced spill reports will be provided upon reporting by the Town.

2.7 Legal Authority

The Town has the legal authority to regulate flow entering the collection system through enforcement of a Sewer Use Ordinance. Residential, industrial, and commercial customers must obtain a Town permit prior to connecting into the system.

Design standards, inspections, and approval processes for the construction of new connections are documented in the Sewer Use Ordinance. Designs must be submitted by a professional engineer and approved by the Town Engineer and the Westchester County Health Department on behalf of the NYSDEC.

3. Standard Operating Procedures

3.1 Introduction To Standard Operating Procedures (SOP)

This report defines the regular SOP implemented by the Sewer Department's collection systems personnel. The crews are responsible for the maintenance of the entire system. An outline of the SOP structure includes:

1. Crew responsible for SOP.
2. Equipment
3. Other notes.

3.2 Sewer System Inspection

The Town performs or contracts out two types of sewer system inspections: manhole inspections and closed circuit television inspections. Closed circuit television inspections are done on an as-needed basis to determine the cause of an obstruction or impediment. The goal of a manhole inspection program is to provide an assessment of the physical condition of manholes and note potential or active I/I sources.

As part of routine practice, manhole inspections are on a periodic basis and are typically conducted in conjunction with other work in the area. The crew must open the manholes to clean the sewers; the crew will fill out a report and note the condition of the manhole. No special equipment is needed to visually inspect manholes. A crowbar or equivalent tool is used to open manhole covers.

Manholes are visually inspected for cracks and breaks. Other unusual conditions will be observed including, but not limited to, inflow, infiltration, corrosion, offsets or misalignments, frame defects, and evidence of surcharge.

The inspection program is effective since the observed defects are documented to keep track of areas needing repair, and to prioritize those areas needing more aggressive preventative maintenance. The purpose of the reports is to provide the Town with a manhole inventory which includes condition assessment and recommendations for manhole rehabilitation as necessary. The Sewer Department is working toward maintaining this information electronically.

3.3 SOP – Sewer Cleaning

Sewers in the entire collection system are cleaned on a regular basis, and on-demand cleaning is conducted to clear obstructions. Major equipment utilized to clean and flush the sewers is a vacuum truck. At the end of the day, collected grit and sediment is hauled to the WWTP. During ideal conditions (i.e. dry weather and for sewers without unusual problems or sediment build-up), a crew is able to clean up to 2,000 linear feet per day. Adverse weather, structural defects, or excessive roots or sediment are factors which could reduce the daily output.

Unless something unusual arises, the crew maintains a routine schedule and progresses from street to street within the Town. As the crew cleans sections of sewer, they inspect the manholes along that section. The cleaning/complaints crew will notify the Assistant Plant Superintendent if a repair is needed, which would be done by the crew as part of their routine work schedule. Defects identified by the cleaning crew may include cracked manhole covers, structural defects, etc.

3.4 SOP – Sewer and Manhole Repair

Problems requiring repair by the Sewer Department are identified by the cleaning/complaint response crew during their normal cleaning operations or by a complaint from a citizen. Large or deep pipe repairs are contracted out. The Town works with several contractors that can be on site within one day to provide service outside of the Town's capacity. Please refer to the tracking and complaint logs included in Appendix D.

The equipment used by the crew for repairs includes a backhoe for excavation, dump trucks for stone and backfill, a hoe-ram for breaking pavement, and a vibratory compactor. No. 1 run-of-crusher is used for pipe bedding, and No. 2 stone is used as backfill.

The crew also does minor manhole repairs. In general, they are limited to bench repairs, minor re-grouting, and frame and cover replacements. The crew fills out a daily report to summarize the work completed. As with other reports, the reports allow the Town to track the most significant problem areas.

3.5 SOP – Pump Station Maintenance

The pump stations crew is responsible for the pump stations. Pump stations operate with submersible pumps ranging in size from 5 to 50 HP, installed in either a dry pit or submerged condition. Larger stations or those prone to pump failure have a spare standby pump that can be put into service if needed. The stations are inspected on a daily basis to check for alarms or unusual conditions such as pump vibration, leaking, flooding, etc. The crew is responsible for routine pump maintenance, such as changing the oil. If a pump needs to be removed for maintenance, or if the work is beyond the limits of the crew, personnel from another crew may assist. For routine and minor repairs, there is a repair kit and set of spare parts at each station.

Some pump stations are equipped with emergency generators. Operation and maintenance of the generators is performed by the pump station crew. The Town owns a portable emergency generator that can be used at the other stations. The Pump Station Crew is also responsible for mowing lawns and removing snow at the stations, as well as other general upkeep.

The Town is currently in the process of upgrading each of the pump stations within the Town, most notably the Walden Woods and Jefferson Valley pump stations. Both of these stations were identified as having high potential for failure due to their age and increased maintenance burden. The Town is developing an upgrade schedule for the remaining pump stations within the Town.

3.6 SOP – New Sewer Construction

There are several areas of the District that do not yet have Town sewers so these parcels are still on individual subsurface sewage disposal systems. Future build-out of the District will likely be designed and constructed through outside sources (consultants, contractors) in accordance with the Ten-States Standards.

3.7 SOP – Root Removal (Physical)

Physical root removal is accomplished with the vacuum truck equipment as part of normal Sewer Cleaning Crew operations.

3.8 Other Collection System SOP

There are some general guidelines followed by the Town for the above SOP. Safety is a concern for crews, as such, the Town has implemented an internal safety training program to keep personnel continuously up to date on confined space entry, traffic control, and other major safety topics.

Trucks are equipped with flashers and arrows.

The Sewer Department generally works on streets owned by the Town. The Town is not required to notify the New York State Department of Transportation if they are performing emergency work in state roads.

3.9 Private Sewer Lateral

The building sewer or “house lateral connection” is the responsibility of the private property owner to operate and maintain for the entire length, including the portion that extends from the property line into the Town right-of-way. Any remedial work that is performed to repair/replace/remediate problems with the sewer lateral shall all conform to the requirements of the Building and Plumbing Code or other applicable rules and regulations of the Town Code, Chapter 240 Sewers and Septic Systems.

In situations where the Town becomes aware of an issue with a building sewer, a Notification Letter shall be issued to the property owner. These issues would typically be identified during closed circuit television (CCTV) inspection or smoke testing of trunk lines. A Notification Letter will provide the property owner with a description of the problem found and a request to resolve the problem within sixty (60) days.

A SAMPLE Notification Letter is included in Appendix D.

It is expected that the property owner will resolve the outstanding issue(s) within the 60-day period or they will provide an acceptable schedule for full remediation.

Should a property owner fail to respond to a Notification Letter within the prescribed 60-days, a Notice of Violation (NOV) will be issued. The NOV obligates the property owner to fix the problem within thirty (30) days or a court appearance ticket may be issued.

The Sewer Department will perform a follow-up inspection to confirm the required repairs have been properly completed.

4. Collection System Operation

4.1 Monitoring

The Town recently purchased closed circuit television inspection equipment to be utilized in collection system monitoring and is in the process of procuring flowmeters equipped with data loggers to be installed in potential overflow areas. During monitoring periods, wet weather and high flow events are recorded in order to assess SSO potential. Wet weather events in the system will be compared to dry weather diurnal flow, to characterize the system's response to wet weather/high flow events and identify the areas of the Town most prone to overflows.

The evaluation will allow the Town to develop a ranking system to prioritize sanitary sewer maintenance activities.

In addition to the temporary flowmeters, the Town also permanently monitors flow at several pump stations. Pump stations are also equipped with flowmeters or runtime meters, to record flows on a daily basis. During high flow events, the runtime of bypass pumps is utilized to estimate volume.

The overall system flow is monitored at the Town WWTP. Since the Town has little to no manufacturing or industrial users, the Town does not monitor industrial discharges.

4.2 Hydrogen Sulfide Monitoring and Control

The Town of Yorktown does not have a hydrogen sulfide monitoring and control program. Prior to any confined space entry, hydrogen sulfide is monitored. Hydrogen sulfide is not a widespread problem throughout the Town, and a monitoring and control program is not required at this time. Usually when odors occur in the collection system, it is because a pipe or catch basin needs to be flushed or cleaned out. Pipe slopes are generally designed to 10-States Standards to eliminate sewers with low velocities and prevent solids deposition. If hydrogen sulfide becomes a problem, a monitoring and control program will be developed.

4.3 Mapping

Maintaining accurate record drawings of the collection system is very important. Record drawings are kept at the Sewer Department and at Town Hall in the Town Engineer's office. The Town's various departments (highway, water, sewer) work closely with the Engineer's office to try and avoid any adverse impacts on the sewer and collection system.

Record drawings are required for all new infrastructure installed in the Town of Yorktown. A master set of drawings are kept at Town Hall in the Engineer's office. Field crews in the office and in the field have access to these plans as needed. If inaccuracies are discovered on record drawings, field crews notify the Engineer's office, who will mark up the original record documents kept on file.

In general, record documents for the collection system shall contain the following information:

1. Scale
2. North arrow
3. Date the map was drafted
4. Date of last revision
5. Street names

6. Sewer horizontal and vertical alignments
7. Pipe material, diameter and slope
8. Rim and invert elevations
9. Vertical benchmarks

Horizontal alignment is generally based on the New York State Plane Coordinate System, and vertical alignment generally references the USGS datum. The Town is currently in the process of producing existing drawings in a digital format.

4.4 New Construction

New construction may be public (i.e., an expansion of the collection system) or private (i.e., a developer constructing sewer for a new development). Public extensions are generally publically bid and constructed by outside contractors. Private extensions are constructed by contractors hired by the developer. The developer's design must be reviewed and approved by the Town Engineer, NYSDEC, and the Westchester County Health Department (where applicable).

All new gravity sewers must be pressure tested with water. A licensed plumber is required to install all house lateral installations and hookups to the sewer main, the Town also inspects the completed assembly prior to backfill.

4.5 Pump Stations

The Seventeen (17) pump stations are operated and maintained by the Town of Yorktown. The field crew inspect all pump stations on a daily basis. The crew works a traditional 37.5-hour work week, but one responsible person is always on call to respond to alarm conditions during off-hours. All seventeen pump stations are equipped with alarms for:

1. High Level
2. Power Failure
3. Equipment Failure
4. Other alarms specific to each pump station

If there is an alarm condition at any station, the alarm is transmitted to the designated contacts via auto-dialer. If bypass pumping is required and the station is not equipped with an electronic bypass pump which automatically responds to increasing wet well levels, a portable pump is used or an emergency contractor is called to pump out the well. Once qualified personnel are onsite, all operating systems are checked to investigate the cause of the pump station failure and preventative maintenance is performed if necessary to prevent future failures.

If pumps are not rotating properly, a maintenance crew will respond immediately to diagnose the problem. Operations and maintenance (O&M) manuals for the pumps are located at the WWTP. Regular quarterly inspections include cleaning, degreasing, and other routine maintenance as described in the O&M manual.

5. Collection System Maintenance

5.1 Planned and Unplanned Maintenance

Planned maintenance is a systematic approach to performing maintenance activities so that equipment failure is avoided. Planned maintenance is composed of predictive and preventative maintenance. Unplanned maintenance is that which takes place in response to equipment breakdowns or emergencies. Unplanned maintenance may be corrective or emergency maintenance.

Planned and unplanned maintenance is performed by the Town's sewer maintenance staff. Normal working hours are between 7 am and 3 pm; overtime labor is utilized for tasks that occur outside of these hours.

Vehicles and equipment for maintenance activities are stored at the WWTP. Maintenance crews carry typical tools and equipment for daily maintenance activities in the work trucks. Labor-intensive and unplanned maintenance may require special equipment from the garage depending on the task.

Preventative maintenance for pump stations includes but is not limited to cleaning, degreasing and oil changes. Frequencies for these procedures are established in the O&M manuals at the WWTP.

Preventative maintenance must be prioritized and tracked. Priorities are set by the Town Engineer and Assistant Superintendent. Tracking is currently done through daily work logs and the work order management system.

5.2 Sewer Cleaning

Sewer cleaning is a regular and ongoing program for the entire sanitary sewer collection system. In this section, "sewer cleaning" refers to the regular flushing and removal of accumulated grit, sediment, and debris in the Town's sanitary system.

Sewer cleaning is performed by sewer maintenance personnel, primarily in the spring, summer, and autumn. The department operates a vactor truck to clean and flush the sewers. No major equipment other than the vactor truck is required. As the crew cleans and inspects the sewer, the general characteristics and difficulty of work are observed. Logs of cleaning operations are used to track the historical cleaning operations.

5.3 Parts and Equipment Inventory

An inventory of spare parts, equipment, and supplies for the collection system is maintained by the WWTP Assistant Superintendent. Inventory is based on historical experience of operating and maintaining the collection system. As parts and supplies become depleted, replacements are ordered to maintain a constant inventory. Spare parts, materials, and supplies are stored at the WWTP. Supervisory personnel consider the following establishing the level of inventory: frequency of usage of each part/material, how critical the part is, availability/difficult the part is to keep in stock.

Spare parts are taken from the WWTP as needed. It is the supervisors' responsibility to keep track of the inventory and determine if more items need to be ordered. The supervisors should be familiar with the maintenance crew's day-to-day activities and know what parts, materials, or supplies they are using.

6. System Improvements

In this section the various improvement projects that Yorktown has undertaken or will be undertaking are further described.

Pump Station Rehabilitation to Jefferson Park PS, Jefferson Valley PS and Walden Woods PS

Work Description: This project will perform a complete rehabilitation of three (3) pump stations in the HMSD, to include new pumps, controls, valves, piping, etc. Also includes new emergency generators. For Walden Woods and Jefferson Park, a new pre-fabrication package pump station building will be installed to replace an underground station. For Jefferson Valley, the existing structure will be rehabilitated and a larger wet well-constructed.

Current Status: The Town Board passed a resolution in June 2018 awarding the project to Kings Capital Construction for general contracting (\$1,995,000) and Acorn Electric for electrical work (\$350,000). Field work is completed and the project has been closed out.

Contract Completion Date: October 2020

Pump Station Rehabilitation to Crystal Lake PS, Hanover East PS, Mohansic PS and Salem PS

Work Description: This project will perform a complete rehabilitation of four (4) pump stations in the HMSD, to include new pumps, controls, valves, piping, etc. Also includes new emergency generators. For this project the existing building structures will be rehabilitated and modified to comply with current building code standards.

Current Status: The Town sent out the RFP for this project in November 2018. Eight (8) proposals were received and the Town Board interviewed three of the firms. An award of the project was made to EDR and a kick off meeting was held October 2020.

Design Completion Date: October 2021

Inflow & Infiltration Flow Study in Peekskill Sanitary Sewer District

Work Description: The Town signed an Order on Consent with NYSDEC in April 2019 to address SSOs that have occurred in the sanitary sewer collection system.

Current Status: An award was made to EDR and the work has been completed as per the consent order agreement. Recommendations for next steps to better identify sources of Inflow and Infiltration are as follows:

- Complete cleaning and close circuit television inspection (CCTV) in sub basins 8 and 11.
- Perform smoke and/or dye testing in areas as needed.
- Further investigate sub basin 10

Completion Date: August 2020 as per the Consent Order agreement.

Please refer to Appendix B for excerpts from the Final Inflow & Infiltration Flow Study Report.

Smoke Testing in the Collection System

The Town has utilized smoke testing as a method to find potential points of inflow and infiltration (I/I) in the sewer collection system in an effort to prevent high flows during wet weather events. Residents are notified via the Town website and direct mailings prior to the start of all testing. Test areas are created and targeted by the Engineering and Sewer Departments based on proximity to watercourses and employee institutional knowledge of problem areas. In 2018 and 2019 the Town

has completed smoke testing in approximately 25 miles of sewer lines. Please refer to Appendix C for test areas that have been recently completed.

Cleaning & Flushing Program in the Collection System

The Town has implemented a rigorous cleaning and flushing program for gravity sewer lines as a result of repeated sanitary sewer overflows (SSOs) between 2014 and 2017. The Town continues to investigate problem areas that have caused blockages, surcharges or I/I within the collection system. Through historical records and institutional knowledge the Town locates areas to perform pipeline cleaning and CCTV in order to maintain and preserve the integrity of our infrastructure. Within the last three (3) years the Town has successfully completed 17,500 linear feet of pipeline cleaning and CCTV. As a result of corrective actions and increased efforts in known problem areas, the Town has reduced the potential for SSOs. For areas that have been recently completed please refer to Appendix C.

Sanitary Sewer Manhole Inspections

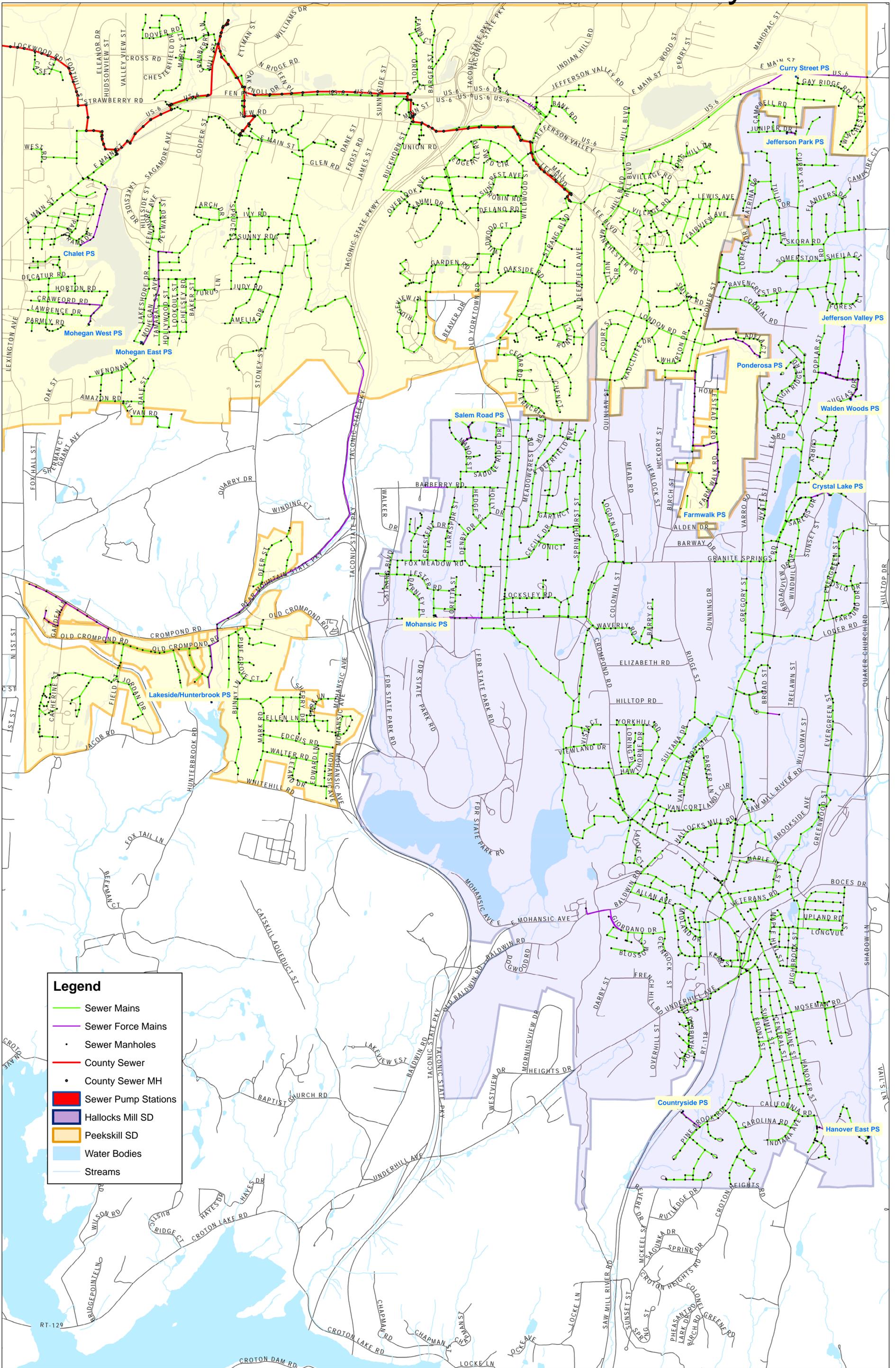
Manhole inspections are completed by the Sewer Department staff on a regular basis. An inspection form has been utilized to clearly identify any failing conditions within the manhole and establish better record keeping. Completed inspections are logged within the existing work order management system. In the future, the recorded data and information will be transferred and also made available in GIS mapping. Please refer to Appendix D to view a sample manhole inspection form.

Grease Reduction Program

Yorktown has executed a grease reduction program as an additional measure to prevent blockages. The Town offers restaurants and commercial establishments a variety of best management practices as well as checklists, to ensure that facility grease traps are being maintained and functioning correctly. Inspection of grease traps are coordinated and enforced between the Engineering and Building Departments. Please refer to Appendix E for more information regarding Yorktown's grease reduction program.

Appendix A
Existing Sanitary Sewer
Collection System

Town of Yorktown - Sewer Collection System



Legend

- Sewer Mains
- Sewer Force Mains
- Sewer Manholes
- County Sewer
- County Sewer MH
- Sewer Pump Stations
- Hallocks Mill SD
- Peekskill SD
- Water Bodies
- Streams

Appendix B
Inflow and Infiltration
Flow Study Report

Preliminary Engineering Report

Inflow and Infiltration Flow Study

Town of Yorktown, New York

Prepared for:
Town of Yorktown
363 Underhill Avenue
Yorktown Heights, New York 10598

Prepared by:



Environmental Design & Research,
Landscape Architecture, Engineering & Environmental Services, D.P.C.
217 Montgomery Street, Suite 1100
Syracuse, New York 13202
P: 315.471.0688
F: 315.471.1061
www.edrdpc.com

August 28, 2020

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1.0 EXECUTIVE SUMMARY

The Town of Yorktown is located in Westchester County, New York. Refer to Figure 1 for a project location map. The Town owns a New York State Department of Environmental Conservation (NYSDEC) permitted wastewater treatment plant (WWTP) which serves residential and commercial customers within the Town (SPDES Permit No. NY0026743). The WWTP and wastewater collection system infrastructure, which includes 16 pump stations, 3,462 manholes, and approximately 124 miles of sanitary sewer collection pipes owned and operated by the Town.

The collection system is separated into the Peekskill Sewer District and Hallocks Mill Sewer District (HMSD) as shown in Figure 2. The Hallocks Mill Sewer District collection system is located within the New York City drinking water supply watershed and is comprised of approximately 1,712 manholes, 335,000 linear-feet of gravity sewer, and 11,500 linear-feet of forcemain which discharges to the Hallocks Mill (Town of Yorktown) WWTP. The Peekskill Sewer District collection system is located within the both the New York City watershed and Westchester County Sewer District and is comprised of approximately 320,000 linear-feet of gravity sewer, 1,750 manholes, and 30,000 linear-feet of forcemain which discharges to the Westchester County owned Peekskill WWTP.

Based on historical records, sewer overflows (SSO's) have occurred within the Peekskill Sewer District collection system. Few occurred as a result of blockages typical of many collection systems and most have occurred as a result of a broken forcemain. The SSO's have occurred primarily in the Hill/Lee Boulevard sewers and the area immediately adjacent, including the Farmwalk Pump Station Forcemain. Town operations staff have indicated that most of the SSO's resulting from a broken forcemain have occurred in the Farmwalk forcemain which is constructed of 2-inch PVC. The majority of the SSO's are a result of blockages that have occurred within the gravity sewers in the Hill/Lee Boulevard (Subbasin 9 and 10). These subbasins generally have a greater number of commercial discharges and the sewers have a shallow pitch.

As a result of overflows within the collection system, the Town of Yorktown and EDR recently negotiated an Order on Consent with the NYSDEC to address inflow and infiltration within the Peekskill Sewer District collection system maintained by the Town of Yorktown. As outlined in the Order on Consent dated May 15, 2019, the Town is to complete an Inflow and Infiltration Study by August 31, 2020.

The purpose of this study was to complete initial investigations to assist with identifying the basins within the Peekskill Sewer District where the most potential inflow and infiltration exists, comply with the executed Order on Consent and, based on the data, provide recommendations for additional field investigations to further identify potential sources on inflow and infiltration. The initial investigations included identifying the individual collection system basins, performing

a limited flow monitoring program, and conducting dry-weather manhole inspections on 175 manholes within the Peekskill Sewer District.

Flow monitoring was conducted at 12 locations by ADS Environmental Services (ADS) between May 13, 2020 and July 26, 2020. Based on the analysis of data collected during the flow metering program, the following results were noted:

1. Base infiltration for Subbasins 8 and 11 exceeded equivalent EPA standards.
2. Based on the calculated wastewater flow results, it appears Basin 10 includes additional unidentified contributing sewers of wastewater flow.

In summary, recommendations for next steps to better identify the causes inflow and infiltration are as follows:

1. Complete cleaning, close circuit tv inspection (CCTV) in Subbasins 8 and 11.
2. Based on the results of cleaning and CCTV inspections, perform smoke and/or dye testing of areas to identify inflow sources that could not be verified by the CCTV inspections within Subbasins 8 and 11 if needed.
3. Further investigate Basin 10 to confirm or identify whether or not additional collection system piping contributes to Basin 10. Further investigation to confirm field conditions is recommended.

2.0 BACKGROUND AND HISTORY

2.1 Location

The Town of Yorktown is located in Westchester County, New York (refer to Figure 1 for a project location map). The Town owns a NYSDEC permitted WWTP which serves residential and commercial customers within the Town (SPDES Permit No. NY0026743). The WWTP and wastewater collection system infrastructure, which includes 16 pump stations, 3,462 manholes, and approximately 124 miles of sanitary sewer collection pipes owned and operated by the Town. The Peekskill Sewer District is comprised of approximately 320,000 linear-feet of gravity sewer, 1,750 manholes, and 30,000 linear-feet of forcemain which discharges to Westchester County owned Peekskill WWTP.

The Peekskill sewage collection system is comprised of approximately 320,000 linear-feet of collection system piping that could be divided into 12 individual “basins”. Pipe sizes in the system range from 6-inch to 36-inch. Age of the collection system piping varies. Flow from each of the basins is collected together into a 36-inch (owned by Westchester County) pipe which discharges to the Peekskill WWTP. Figure 3 provides an overview of the Peekskill Sewer District owned and operated by the Town of Yorktown, and the basins within the collection system.

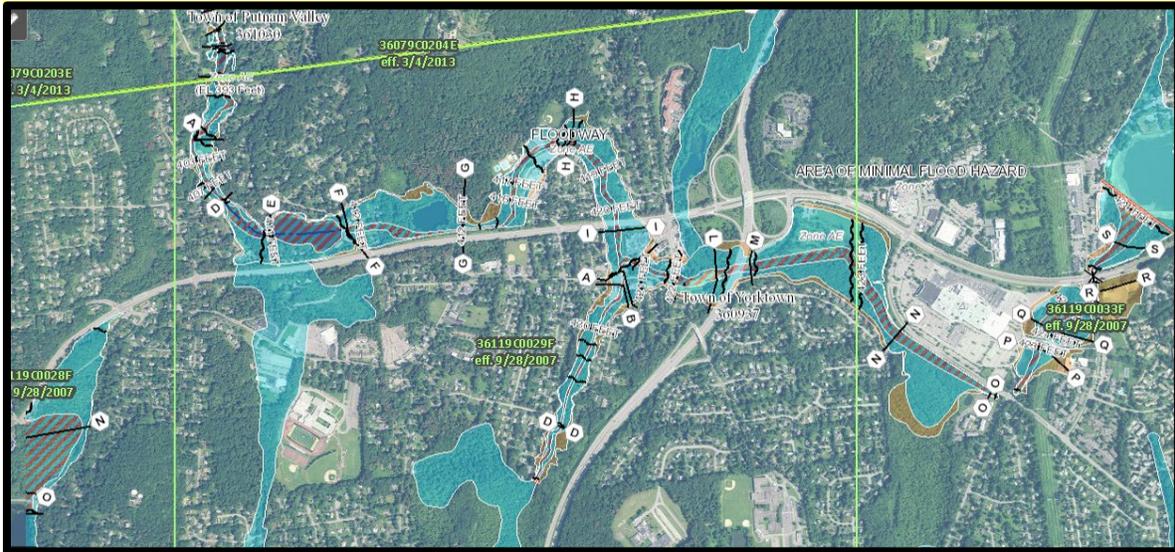
2.2 Environmental Resources Present

A desktop analysis of environmental resources was performed for the Peekskill Sewer District. A review of the NYSDEC Environmental Resource Mapper indicated that there are some National Wetland Inventory (NWI) or NYSDEC jurisdictional wetlands within the limits of the Peekskill Sewer District in the Town of Yorktown. The wetland mapper indicated that state-listed threatened and endangered species are not present in the proximity of the Peekskill Sewer District. A preliminary review of the U.S. Fish and Wildlife Service (FWS) IPaC Resource List indicates that there are endangered species expected in the area including the Indiana bat and bog turtle. Additionally, several migratory birds may use this area as a breeding habitat. Although these State and Federally listed wetlands and species may be present in the vicinity, the nature of the project is maintenance of existing infrastructure that does not provide a quality habitat.

2.3 Floodplains

Portions of the project located are located within the 100-year flood zone according to the FEMA FIRM obtained for the Town of Yorktown (Community Panel Number 36079C 0028F, 36079C 0029F, 36119C 0033F, 36119C 0036F).

Several 100 year floodplains exist within along Shrub Oak Brook, Mohegan Lake, and the Mohegan Outlet . There are several pipes located along and within the flood plain.



3.0 OWNERSHIP AND SERVICE AREA

3.1 Population Trends

According to the U.S. Census data from the past two decades (2000-2019), the Town's population has remained relatively constant. Population in 2000, 2010, and 2019 are 36,318, 36,081, and 36,269, respectively. The population is expected to stay relatively consistent. Significant increases or decreases in population could account for changes in the collection system capacity. However, as noted above, the population within the Town has remained consistent for the past two decades.

4.0 EXISTING CONDITIONS

4.1 Collection System

The Town of Yorktown is in the process of updating data on their existing collection system infrastructure as some records have been lost throughout the years. The Town's Geographical Information System (GIS), in conjunction with the sewer system record drawings, were reviewed to provide a map of the existing infrastructure within the Town for the purposes of this study.

Prior to the beginning of this project, the Town created an electronic map of the Town's sanitary sewer infrastructure via GIS. As part of this project, this map was evaluated for accuracy and completeness. It was found that the electronic map was incomplete. For example, pipe diameters were not included in the GIS mapping of the collection system. Record drawings were reviewed to gain a better understanding of the collection system. However, record drawings were not available for some areas of the collection system and some of the records have been lost throughout the years. The Town continues to develop the GIS system and identify the discrepancies through field investigations such as field investigations to determine pipe diameters.

The current map of the Town's sanitary sewer system was evaluated based on flow paths and partitioned into 12 basins. A basin is the designation given to a series of interconnected sewers within the system that collect and convey wastewater to a common manhole. Refer to Figure 3 for a map displaying the 12 basins within the Village.

4.2 Flow Monitoring

ADS was contracted to install flow monitoring devices at the common manholes for each of the 12 basins, 8 groundwater monitors, and 1 rain gauge located on the roof of the Curry Street Pump Station. For the installation of the flow monitoring devices, a crew of two ADS employees, one Town employee, and one EDR project manager were onsite to ensure the flow meters were installed at the correct locations and to make determinations based on field conditions at the time of installation.

Installation of flow monitoring equipment typically proceeds in four steps. First, the site is investigated for safety and to determine physical condition and hydraulic suitability for the flow monitoring equipment. Second, the equipment is physically installed at the selected location. Third, the monitor is tested to assure proper operation of the velocity and depth of flow sensors and verify that the monitor clock is operational and synchronized to the master computer clock. Fourth, the depth and velocity sensors are confirmed and line confirmations are performed.

In pipes 42-inches or less (all the pipes in the Town), the sensors are mounted on expandable stainless steel rings, inserted at least a foot upstream into the influent pipes, and tightened against the inside walls of the pipe. Influent pipe installations reduce the influence of turbulence and backwater often caused by changes in channel geometry in manholes.

4.2.1 Basin 1

The flow meter for Basin 1 (Figure 4) was installed in an 8-inch diameter pipe located adjacent to Route 6 across from Mohegan Lake Volkswagen. See Figure 3 for the location of Basin 1 meter. This is the location chosen for the meter to be installed based on the basin mapping. Installation of this meter proceeded as expected. The installation reports, including photos of the installation conditions and brief description, is included in Appendix A and a summary of the observed flow conditions for Basin 1 is included in Table 4-1 below.

Table 4-1. Observed Flow Conditions Basin 1

Item	Depth (in)	Velocity (ft/s)	Quantity (mgd)
Average	4.1	1.56	0.19
Minimum	1.2	0.15	0.01
Maximum	7.75	5.36	1.05

4.2.2 Basin 2

The flow meter for Basin 2 (Figure 5) was installed in an 8-inch diameter pipe located on the western side of Lakeland High School. See Figure 3 for the location of Basin 2 meter. This is the location chosen for the meter to be installed based on the basin mapping. Installation of this meter proceeded as expected. The installation reports, including photos of the installation conditions and brief description, is included in Appendix A and a summary of the observed flow conditions for Basin 2 is included in Table 4-2 below.

Table 4-2. Observed Flow Conditions Basin 2

Item	Depth (in)	Velocity (ft/s)	Quantity (mgd)
Average	2.61	1.20	0.08
Minimum	1.16	0.15	0.01
Maximum	6.05	3.24	0.54

4.2.3 Basin 3

The flow meter for Basin 3 (Figure 6) was installed in a 10-inch diameter pipe located on Mill Street north of Route 6. See Figure 3 for the location of Basin 3 meter. This meter was slated to be installed in a different location and was relocated to accommodate capturing the residential flow from the adjacent development. Installation of this meter proceeded as expected. The installation reports, including photos of the installation conditions and brief description, is included in Appendix A and a summary of the observed flow conditions for Basin 3 is included in Table 4-3 below.

Table 4-3. Observed Flow Conditions Basin 3

Item	Depth (in)	Velocity (ft/s)	Quantity (mgd)
Average	0.6	2.55	0.02
Minimum	0.23	1.49	0.004
Maximum	1.01	3.97	0.065

4.2.4 Basin 4

The flow meter for Basin 4 (Figure 7) was installed in an 12-inch diameter pipe located behind a private residence on Artis Road. See Figure 3 for the location of Basin 4 meter. This is the location chosen for the meter to be installed based on the basin mapping. Installation of this meter proceeded as expected. All flow from Basin 11 and 12 flows to Basin 4 so Basins 11 and 12 were included as part of Basin 4 for all analysis of the meter data. The installation reports, including photos of the installation conditions and brief description, is included in Appendix A and a summary of the observed flow conditions for Basin 4 is included in Table 4-4 below.

Table 4-4. Observed Flow Conditions Basin 4

Item	Depth (in)	Velocity (ft/s)	Quantity (mgd)
Average	3.79	2.84	0.40
Minimum	2.09	1.56	0.09
Maximum	6.88	4.03	1.21

4.2.5 Basin 5

The flow meter for Basin 5 (Figure 8) was installed in an 12-inch diameter pipe located along Lee Boulevard off the southwestern portion of Jefferson Valley Mall. See Figure 3 for the location of Basin 5 meter. This is the location chosen for the meter to be installed based on the basin mapping. Installation of this meter proceeded as expected. Basin 5 contributes to the flow observed in Basin 10 and was included in the evaluation. The installation reports, including photos of the installation conditions and brief description, is included in Appendix A and a summary of the observed flow conditions for Basin 5 is included in Table 4-5 below.

Table 4-5. Observed Flow Conditions Basin 5

Item	Depth (in)	Velocity (ft/s)	Quantity (mgd)
Average	1.78	2.60	0.13
Minimum	0.90	1.64	0.03
Maximum	4.06	3.25	0.48

4.2.6 Basin 6

The flow meter for Basin 6 (Figure 9) was installed in an 12-inch diameter pipe located in the parking lot of the townhomes located on Strang Boulevard adjacent to the intersection of Strang Boulevard and Lee Boulevard (adjacent to meter 9). See Figure 3 for the location of Basin 6 meter. This is the location chosen for the meter to be installed based on the basin mapping. Installation of this meter proceeded as expected. Basin 6 contributes to the flow observed in Basin 10 and was included in the evaluation. The installation reports, including photos of the installation conditions and brief description, is included in Appendix A and a summary of the observed flow conditions for Basin 6 is included in Table 4-6 below.

Table 4-6. Observed Flow Conditions Basin 6

Item	Depth (in)	Velocity (ft/s)	Quantity (mgd)
Average	2.57	2.04	0.13
Minimum	1.52	0.72	0.012
Maximum	4.90	3.73	0.636

4.2.7 Basin 7

The flow meter for Basin 7 (Figure 10) was installed in an 8-inch diameter pipe located on Hill Boulevard adjacent to the intersection of Hill Boulevard and Village Road South. See Figure 3 for the location of Basin 7 meter. This is the location chosen for the meter to be installed based on the basin mapping. Installation of this meter proceeded as expected. Basin 7 contributes to the flow observed in Basin 10 and was included in the evaluation. The installation reports, including photos of the installation conditions and brief description, is included in Appendix A and a summary of the observed flow conditions for Basin 7 is included in Table 4-7 below.

Table 4-7. Observed Flow Conditions Basin 7

Item	Depth (in)	Velocity (ft/s)	Quantity (mgd)
Average	2.16	3.23	0.16
Minimum	1.79	1.89	0.072
Maximum	6.87	6.15	0.682

4.2.8 Basin 8

The flow meter for Basin 8 (Figure 11) was installed in an 8-inch diameter pipe located in the woods off of Smith Road. See Figure 3 for the location of Basin 8 meter. This is the location chosen for the meter to be installed based on the

basin mapping. The meter was slated to be installed north of the clearing but the intended manhole could not be field located. Basin 8 contributes to the flow observed in Basin 7 (and ultimately 10) and was included in the evaluation. The installation reports, including photos of the installation conditions and brief description, is included in Appendix A and a summary of the observed flow conditions for Basin 8 is included in Table 4-8 below.

Table 4-8. Observed Flow Conditions Basin 8

Item	Depth (in)	Velocity (ft/s)	Quantity (mgd)
Average	1.82	3.29	0.13
Minimum	1.01	1.68	0.03
Maximum	6.44	5.12	0.76

4.2.9 Basin 9

The flow meter for Basin 9 (Figure 12) was installed in a 16-inch diameter pipe located in the parking lot of the townhomes located on Strang Boulevard adjacent to the intersection of Strang Boulevard and Lee Boulevard (adjacent to meter 6). See Figure 3 for the location of Basin 9 meter. This meter was originally slated to be installed at the manhole at the intersection of Lee Boulevard and Shrub Oak Brook but during the installation it was found that this manhole was not suitable for installation due to turbulent flows. Basin 9 contributes to the flow observed in Basin 10 and was included in the evaluation. The installation reports, including photos of the installation conditions and brief description, is included in Appendix A and a summary of the observed flow conditions for Basin 9 is included in Table 4-9 below.

Table 4-9. Observed Flow Conditions Basin 9

Item	Depth (in)	Velocity (ft/s)	Quantity (mgd)
Average	3.50	1.86	0.28
Minimum	2.02	1.08	0.08
Maximum	5.65	2.80	0.76

4.2.10 Basin 10

The flow meter for Basin 10 (Figure 13) was installed in a 30-inch diameter pipe located behind a private residence on Artis Road. See Figure 3 for the location of Basin 10 meter. This meter was originally slated to be installed in the manhole at the intersection of Old Yorktown Road and Barger Street and was field located in order to capture flow from a residential development north of Route 6. The Basin 10 meter was installed in a main interceptor sewer owned by Westchester County and received contributing flow from Basins 5, 6, 7, 8 and 9 which were included in the evaluation.

The installation reports, including photos of the installation conditions and brief description, is included in Appendix A and a summary of the observed flow conditions for Basin 10 is included in Table 4-10 below.

Table 4-10. Observed Flow Conditions Basin 10

Item	Depth (in)	Velocity (ft/s)	Quantity (mgd)
Average	6.85	1.33	0.67
Minimum	4.04	0.40	0.16
Maximum	12.6	1.94	2.18

4.2.11 Basin 11

The flow meter for Basin 11 (Figure 14) was installed in an 12-inch diameter pipe north of the Hunterbrook Pump Station. See Figure 3 for the location of Basin 11 meter. This is the location chosen for the meter to be installed based on the basin mapping. Installation of this meter proceeded as expected. Basin 11 contributes to the flow observed in Basin 4 since the Hunterbrook Pump Station discharges to gravity sewer within Basin 4 and was included in the evaluation. The installation reports, including photos of the installation conditions and brief description, is included in Appendix A and a summary of the observed flow conditions for Basin 11 is included in Table 4-11 below.

Table 4-11. Observed Flow Conditions Basin 11

Item	Depth (in)	Velocity (ft/s)	Quantity (mgd)
Average	2.27	2.71	0.19
Minimum	1.82	0.40	0.10
Maximum	11.5	4.83	1.44

4.2.12 Basin 12

The flow meter for Basin 12 (Figure 15) was installed in an 8-inch diameter pipe northeast of the Hunterbrook Pump Station. See Figure 3 for the location of Basin 12 meter. This is the location field located for the meter to be installed based on the basin mapping. Installation of this meter proceeded as expected. Basin 12 contributes to the flow observed in Basin 4 since the Hunterbrook Pump Station discharges to gravity sewer within Basin 4 and was included in the evaluation. The installation reports, including photos of the installation conditions and brief description, is included in Appendix A and a summary of the observed flow conditions for Basin 12 is included in Table 4-12 below.

Table 4-12. Observed Flow Conditions Basin 12

Item	Depth (in)	Velocity (ft/s)	Quantity (mgd)
Average	4.64	0.80	0.09
Minimum	2.56	0.18	0.01
Maximum	9.96	2.75	0.43

5.0 SYSTEM ANALYSIS AND EVALUATION

The purpose of this report was to complete initial investigations to assist with identifying the basins within the collection system where the most severe issues exist and, based on the data, provide recommendations for next steps to further pinpoint the sources on inflow and infiltration. The initial investigations included identifying the individual collection system basins as noted above and then completing a limited flow monitoring program.

5.1 Flow Monitoring

The first to determine the significance of inflow and infiltration within the existing system was to utilize flow monitoring equipment to record flows during normal periods and rain events from each of the system's 12 basins. Flow monitoring was conducted at 12 locations by ADS between May 13, 2020 and July 26, 2020.

The planned approach was to install flow meters at the common manhole within each of the 12 basins to monitor flow from each of the designated basins. Field modifications to three of the metering locations were made based on collection area and turbulent flow in the original manhole locations. Turbulent flow is primarily caused in manholes where multiple sewers connect. The locations of the flow meters are shown in Figure 2.

A rain gauge monitor was installed on the roof of the Curry Street Pump Station and measured rain quantities over the entire monitoring period. There were six storms in the period that recorded 0.5-inches or more of total rainfall over the course of a 24 hour period. Table 5-1 lists the rainfall event and equivalent rainfall return frequency.

Table 5-1. Rainfall Events

Date	Rainfall Total (in.)	Rainfall Return Frequency
May 15, 2020	1.05	2.8 month
June 11, 2020	0.81	1.2 year
June 27, 2020	0.97	1.9 month
July 8, 2020	0.63	1.7 month

July 10-11, 2020	2.98	1.6 year
July 23, 2020	0.63	1.5 year

The monitoring equipment was installed to help identify areas that experience excessive amounts of infiltration and inflow which can compromise collection system capacity. ADS field crews performed operation and maintenance activities throughout the period with no significant loss of data. This effort included manual field checks to ensure equipment was accurately measuring flows and rainfall.

At the conclusion of the monitoring period, ADS removed the equipment and performed a quality review of flow monitoring and raw data to ensure consistency and validate the recorded data. The data was further analyzed to separate flows into dry days and wet days. From this data, Average Dry Day Flow (ADDF) (not influenced by prior rainfall) and Rainfall Dependent Inflow and Infiltration (RDII) were developed to identify issues within the collection system and for each system basin.

5.2 Basin Sizes and Lengths

A common tool used to assist with the analysis of data is to calculate the volume of dry day flow in gallons per linear-foot in each basin (gallons per day per linear-foot). The figure helps with understanding the magnitude of flows within a basin. It was originally believed that infiltration in sewer pipes was a surface phenomenon and that ground water entered a pipe uniformly around the circumference. When comparing infiltration among basins, infiltration rates were normalized by gallons per day per linear foot to prevent the worst basins from being merely the sewers with the greatest surface area. This form of the analysis is an industry acceptable equivalent to alternative methods of comparing basins (inch-diameter miles) when a complete data set of the collection system is not available. Table 5-2 lists the sewer lengths for each basin.

Table 5-2. Basin Sewer Lengths

Basin/Basin Meter	Length of Piping (Feet)
1	25,023
2	36,305
3	9,532
4	33,574
5	35,856
6	28,476
7	16,974
8	23,516
9	37,718

10	20,309
11	23,024
12	27,109

As one approach to analyzing the data, the volume of dry day flow from the basin is divided by the length of sewer, generating a value in gallons per day per linear foot (LF) of public sanitary sewer. In addition, the basin size has value in interpreting the severity of the RDII. Large basins will generally exhibit RDII severity close to the system-wide average and a small basin will exhibit RDII severity much higher or much lower than the system average.

5.3 Average Dry Day Flow (ADDF)

Average Dry Day Flow (ADDF) at each metering location is used in two ways. The first is that the shape of an ADDF hydrograph is used to estimate what portion of the ADDF is wastewater production (WW) and what portion is base infiltration (BI). The second is that the ADDF is subtracted from the flow measured during a storm and the difference is RDII.

Dry day flows were obtained by identifying days that were not influenced by previous rainfall and that have a regular diurnal (daily) pattern. Typically, weekday and weekend diurnal patterns are different and therefore are averaged separately. The selected days were averaged to generate separate weekday and weekend diurnal patterns.

It is noted that Meter 10 includes flows from Meters 5, 6, 7, 8 and 9 and Meter 4 includes flows from Meters 11 and 12. Net flows for a basin are obtained by subtracting out any upstream basin flows. It is noted that Meter 10 recorded wastewater flows higher than anticipated based on the linear-feet of pipe within the basin area, available mapping, and information. Further investigation to confirm field conditions is recommended. For all other meters, the gross flow recorded flow by the meter equals the net flow.

Next, base infiltration was estimated using an industry accepted empirical formula utilizing minimum and average day recorded flows. A standard prescribed by the U.S. Environmental Protection Agency (EPA) for excessive BI is 4,000 gallons per day per inch diameter mile (gpdim) (EPA, 2014)⁽¹⁾. For this analysis, inch diameter of metered pipes was not available so comparisons were completed using length of pipe for each basin. A threshold value of 5 gallons per day per linear-foot of pipe. The 5 gpd/ft threshold is a rough equivalent to the EPA guidance.

(1) *Guide for Estimating Infiltration and Inflow, U.S. Environmental Protection Agency. June 2014.*

Table 5-3 displays the estimated net base infiltration, net wastewater, and net average in mgd for each basin. This method of estimating BI is based on traditional residential diurnal flow patterns and it is not uncommon for mathematical inconsistencies to occur between basins. Basins that have upstream flows that contribute more BI than the net at the downstream meter will be shown as an *. This occurs at meters 10, 9 and 7 which have upstream areas contributing more BI than the downstream. For those locations listed with an asterisk, it is assumed the BI values are not significant to investigate further.

Net wastewater flow volumes listed in Table 5-3 were also compared against typical standards for the type of land use within the basins. Average dry day flows are typically in the range of 2 to 5 gal/day/linear foot for medium density residential areas. As shown in the Table 5-3, the net estimated wastewater volumes fall within this range with the exception of Basin 10 which is believed to have contributing wastewater flow from unidentified sources.

Table 5-3. ADDF and Base Infiltration⁽¹⁾

Basin/Basin Meter	Net Average Day Dry Flow (ADDF) (gal/day/ft of pipe)	Net Estimated Wastewater Volume (gal/day/ft of pipe)	Net Estimated Base Infiltration (gal/day/ft of pipe)	Base Infiltration Percentage (Net BI/Net Avg) ⁽²⁾	Base Infiltration Exceeds Equivalent Standards?
1	6.6	4.0	2.6	39%	No
2	2.1	1.3	0.8	37%	No
3	0.86	0.62	0.24	27%	No
4	2.1	1.4	0.7	33%	No
5	3.4	2.2	1.3	36%	No
6	4.3	3.0	1.3	31%	No
7	0.81	0.81	*	N/A	No
8	7.7	4.1	3.6	46%	Yes
9	0.34	0.34	*	N/A	No
10	10.4	10.4	*	N/A	No
11	8.0	2.9	5.1	64%	Yes
12	3.0	2.0	1.0	34	No

⁽¹⁾Values rounded

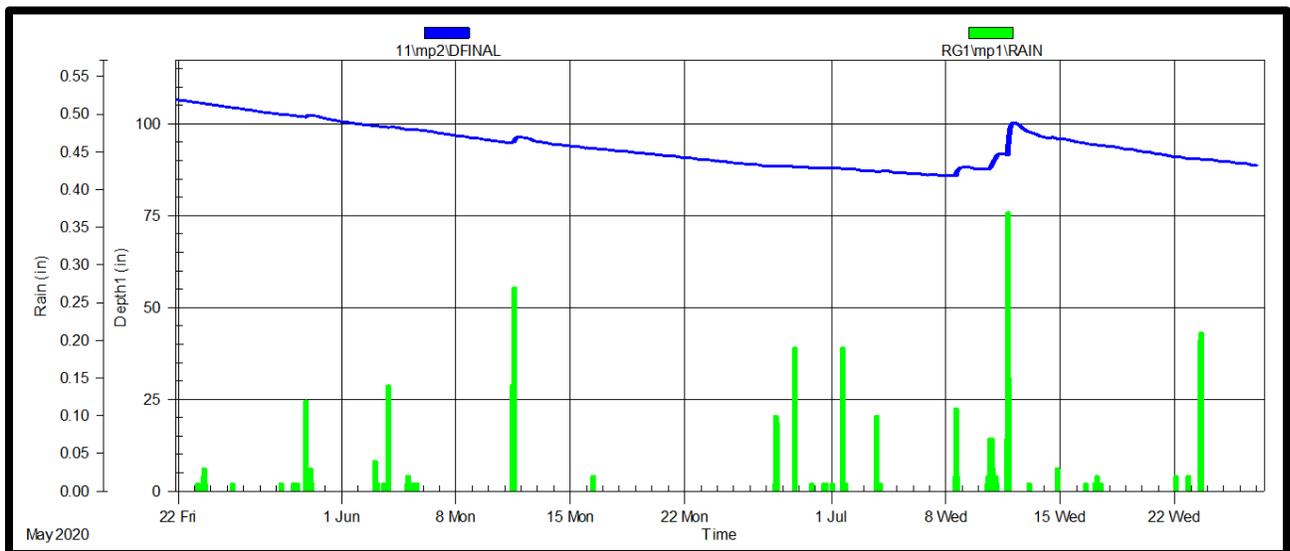
⁽²⁾Base infiltration is considered excessive if the percentage of BI to the net average is near or above 50%

Since the ratio of net estimated base infiltration versus ADDF approaches or exceeds 50% in Basins 8 and 11 and their base infiltration approaches or exceeds 5.0 gallons/day/linear-foot of pipe they are considered to have excessive infiltration and are recommended for further evaluation.

5.4 Groundwater

There were eight groundwater gauges (piezometers) installed at flow meter locations throughout the flow monitoring period. The number of gauges was reduced from 12 to 8 due to the proximity of flowmeter locations so a single gauge could account for two/three flowmeters. For example, flow Meter Nos. 4 and 10 were installed in the same manhole; as such, a single groundwater gauge was utilized.

Groundwater gauges are installed near the influent sewer pipe spring line and calibrated to match the invert of the influent pipe. The data is then compared to the same timeframe as the flow monitoring to highlight the change in groundwater levels and potential impacts on base infiltration of the collection system. For example, at Basin 11 the data shows groundwater well above the sewer pipe and gradually decreasing throughout the monitoring period, except when significant storms occur. See diagram below.



5.5 Rainfall

There were six rain events during the study period that produced over 0.5-inches of total rainfall. Of these six events, the four largest were selected to utilize in developing RDII volumes. Based on the measured data and National Weather Service standards with respect to rainfall events for the area, the four selected storms were not of unusual severity. From a return frequency standpoint, no single event exceeded a two year frequency storm. Recorded flow data on the days of the storm events was then compared against the average dry day flows to determine the RDII volumes.

The RDII volumes in gallons per day per linear foot per inch of rain (gpd/LF/inch of rain) are presented in Table 5-4.

Table 5-4. Rainfall Dependent Inflow Infiltration (RDII)⁽¹⁾

Storm Event	May 15, 2020	June 11, 2020	July 10, 2020	July 23, 2020
1	2.7	1.8	1.4	1.8
2	1.0	0.5	0.9	0.6
3	0.4	0.3	0.1	0.8
4	1.3	0.9	0.9	0.1
5	0.4	0.5	0.9	0.7
6	1.6	1.2	1.8	1.1
7	0.8	0.5	0.3	1.0
8	1.1	2.2	1.7	1.0
9	1.0	0.4	0.4	0.4
10	1.9	4.6	2.0	3.4
11	1.3	1.9	1.7	0.9
12	0.9	0.9	0.8	0.6

⁽¹⁾Values rounded.

There are no formal established thresholds for identifying a basin with 'severe' RDII, but generally basins classified by a Gal/LF/Inch of Rain in the range of 0 to 10 Gal/LF/In are in the minimal category, 10 to 15 Gal/LF/Inch are in the marginal category, and greater than 15 Gal/LF/Inch are in the severe category.

The threshold values are generally higher in the winter season when vegetation is dormant and in long soaking events that cause the ground to be saturated. For example, if data are collected solely in the winter, the marginal category might be 15 to 20 Gal/LF/In. These values are generally lower for flows measured during periods of low antecedent moisture.

The calculated values in the above parameters are utilized to compare against the generally accepted thresholds. As seen in Table 5-4, there were no instances where values were greater than 15 Gal/LF/Inch. Therefore, all of the monitoring basins are determined to have minimal severity of RDII.

6.0 RECOMMENDED NEXT STEPS

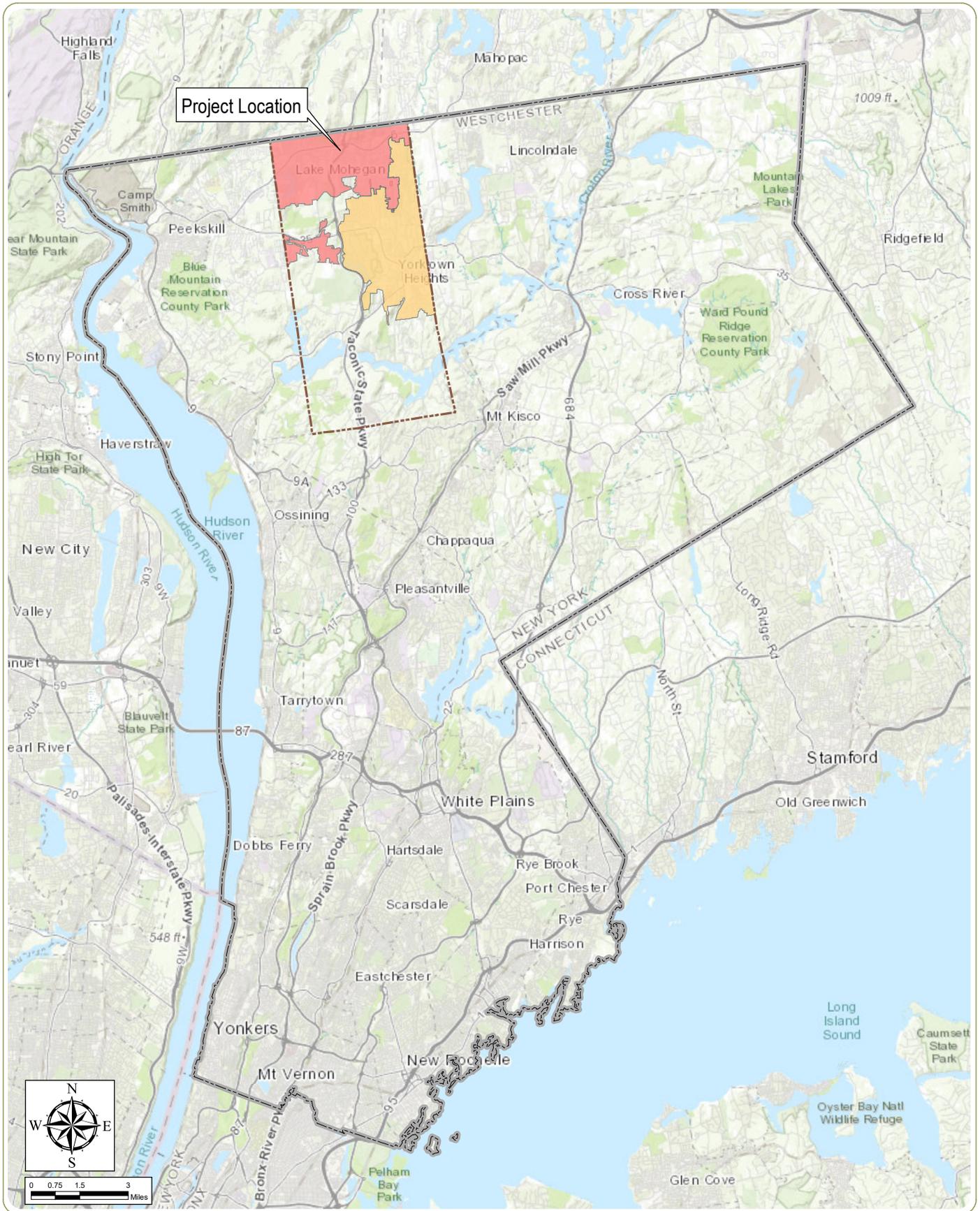
Data collected during the flow metering program indicates the following:

1. Base infiltration for Subbasins 8 and 11 exceeded equivalent EPA standards.
2. Based on the calculated wastewater flow results, it appears Basin 10 includes additional unidentified contributing sewers of wastewater flow.

Based on this data, recommendations for next steps to better identify the root causes of the system issues are as follows:

1. Complete cleaning, close circuit tv inspection (CCTV) in Subbasins 8 and 11.
2. Based on the results of cleaning and CCTV inspections, perform smoke and/or dye testing of areas to identify inflow sources that could not be verified by the CCTV inspections within Subbasins 8 and 11 if needed.
3. Further investigate Basin 10 to confirm or identify whether or not additional collection system piping contributes to Basin 10. Further investigation to confirm field conditions is recommended.

FIGURES



Yorktown Inflow and Infiltration Study

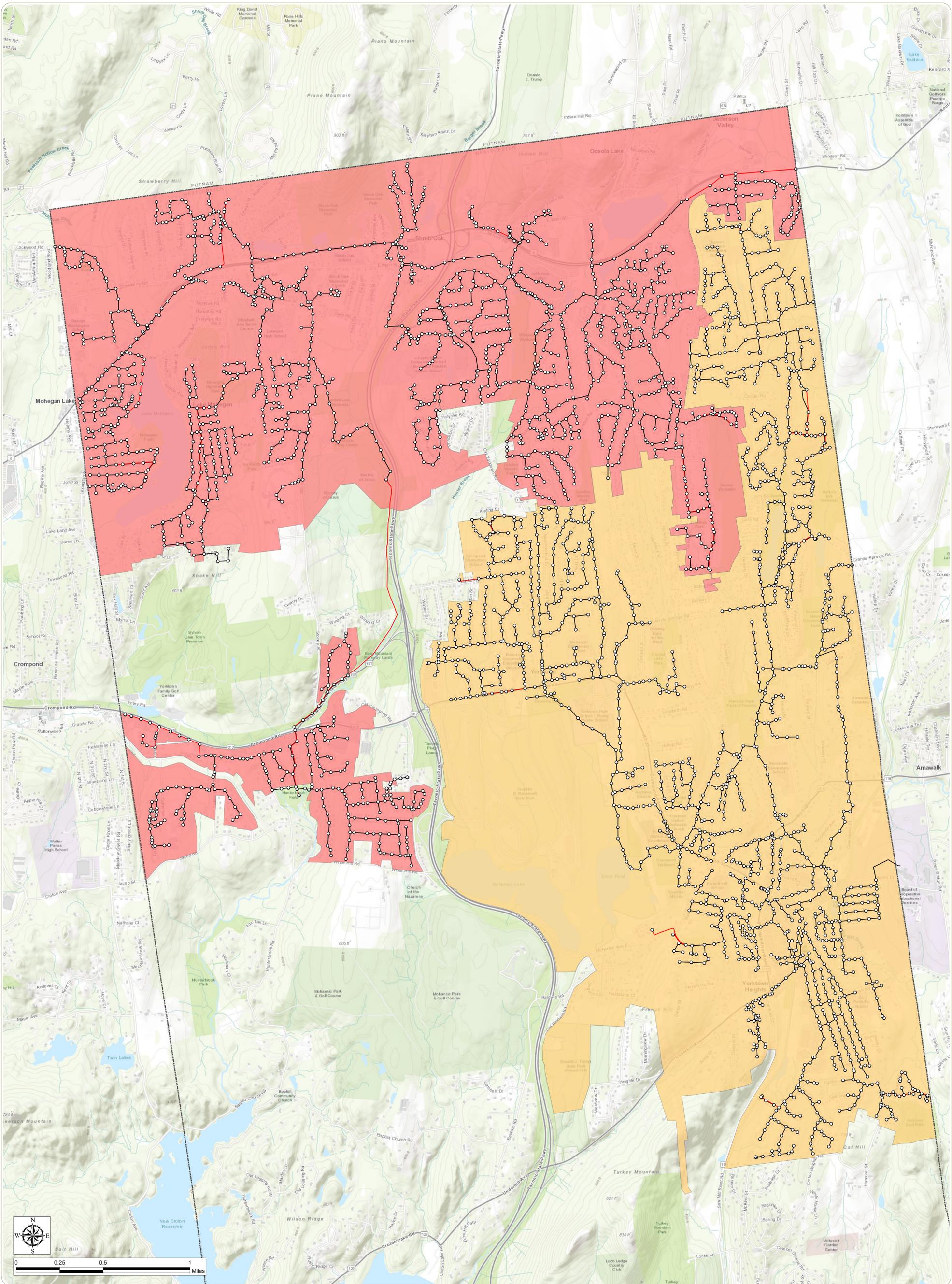
Town of Yorktown, Westchester County, New York

Figure 1: Location Map

Notes: 1. Basemap: ESRI ArcGIS Online "World Topographic Map" map service. 2. This map was generated in ArcMap on August 17, 2020. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Peekskill Sewer District
- Hallocks Mill Sewer District
- Town of Yorktown
- Westchester County





Yorktown Inflow and Infiltration Study

Town of Yorktown, Westchester County, New York

Figure 2: Sewer Collection System Map

- Manhole
- Sewer Force Main
- Sewer Main
- ▭ Town of Yorktown
- ▭ Peekskill Sewer District
- ▭ Hallocks Mill Sewer District

Notes: 1. Basemap: ESRI ArcGIS Online "World Topographic Map" map service. 2. This map was generated in ArcMap on August 17, 2020. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data.





Yorktown Inflow and Infiltration Study

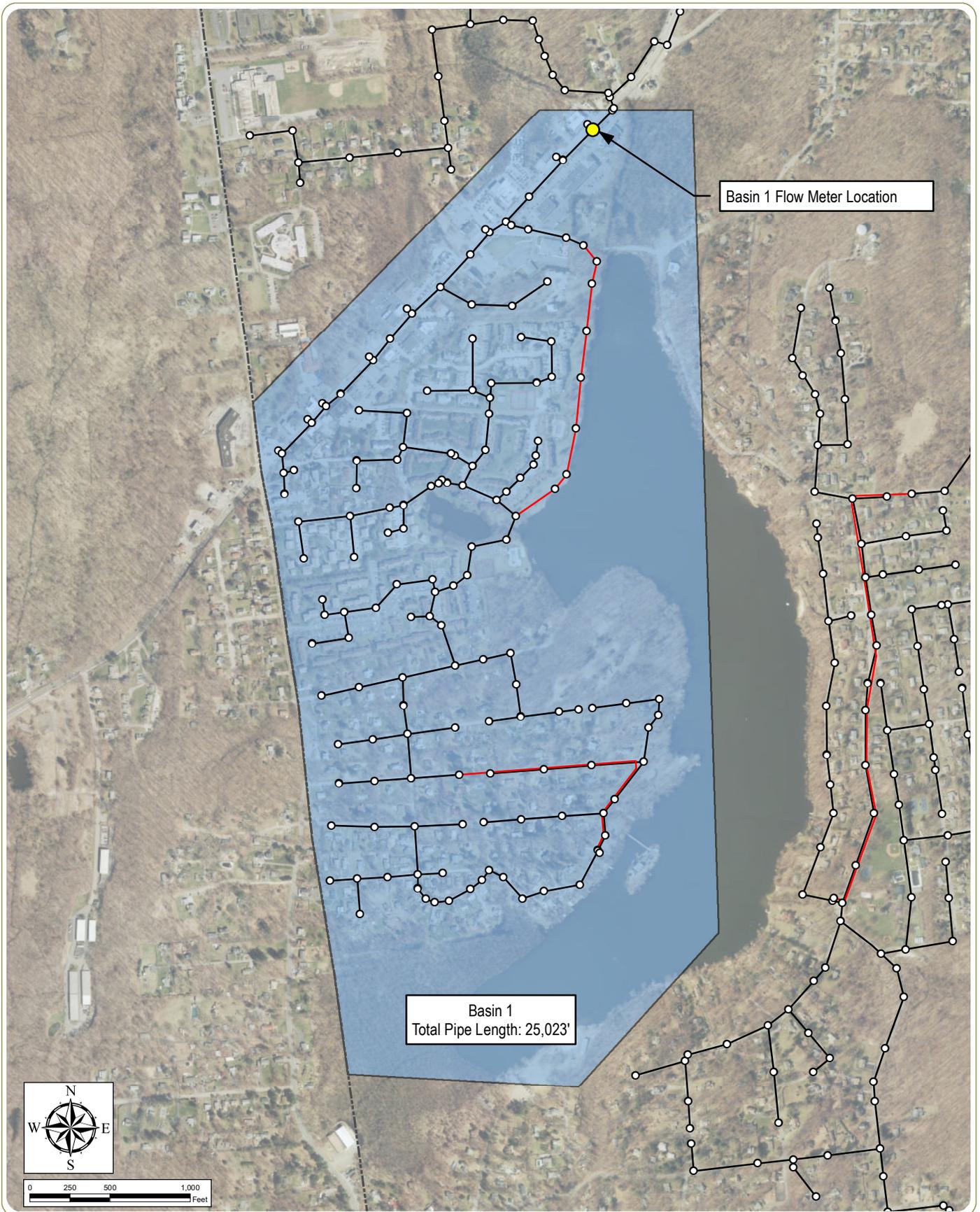
Town of Yorktown, Westchester County, New York

Figure 2: Peekskill Sewer District - Basin Location Map

- Flow Meter
- Manhole
- Sewer Force Main
- Sewer Main
- Town of Yorktown

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" map service. 2. This map was generated in ArcMap on August 17, 2020. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data.





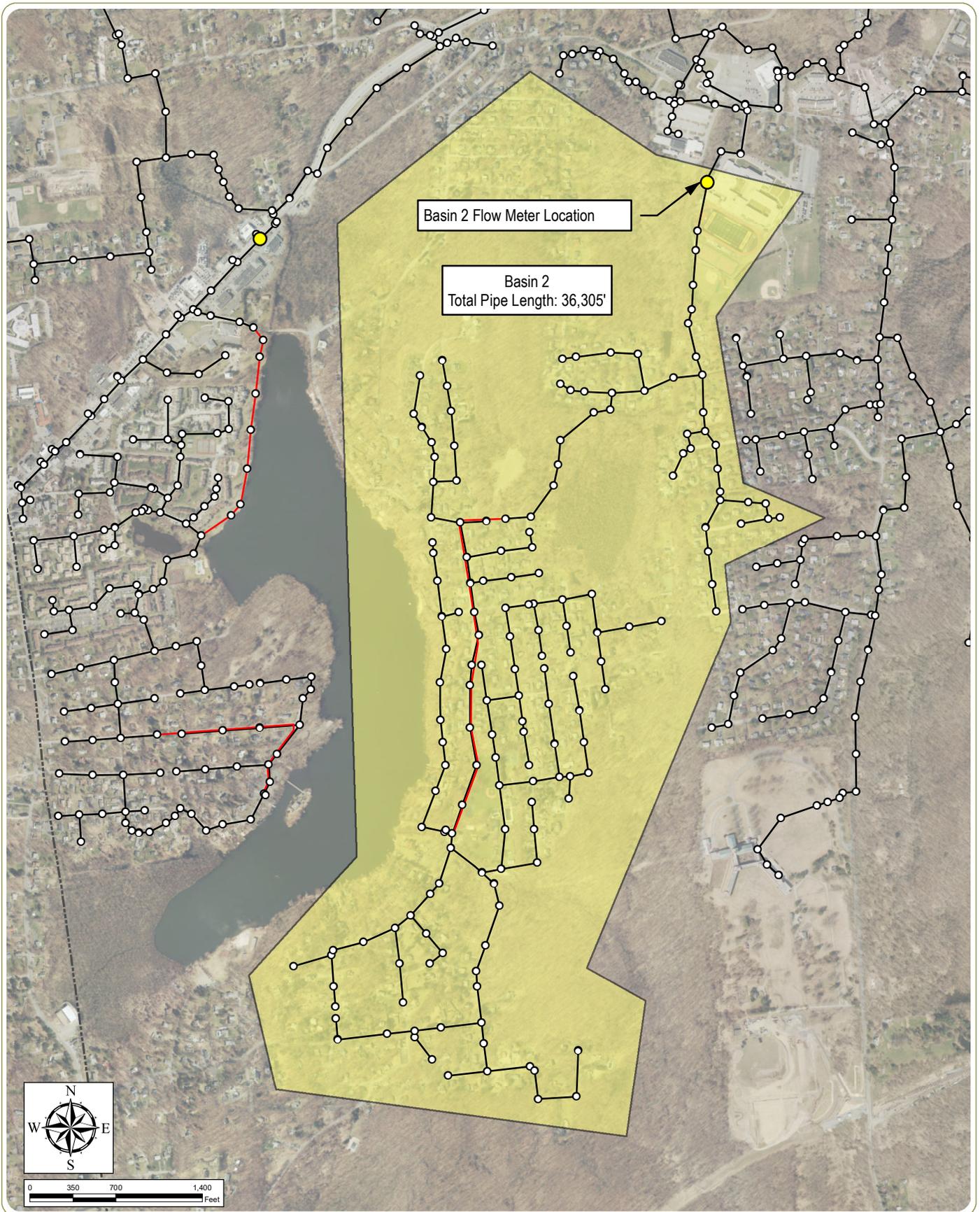
Yorktown Inflow and Infiltration Study

Town of Yorktown, Westchester County, New York

Figure 4: Basin 1

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" map service. 2. This map was generated in ArcMap on August 17, 2020. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Flow Meter
- Manhole
- Sewer Force Main
- Sewer Main
- Basin 1
- Town of Yorktown



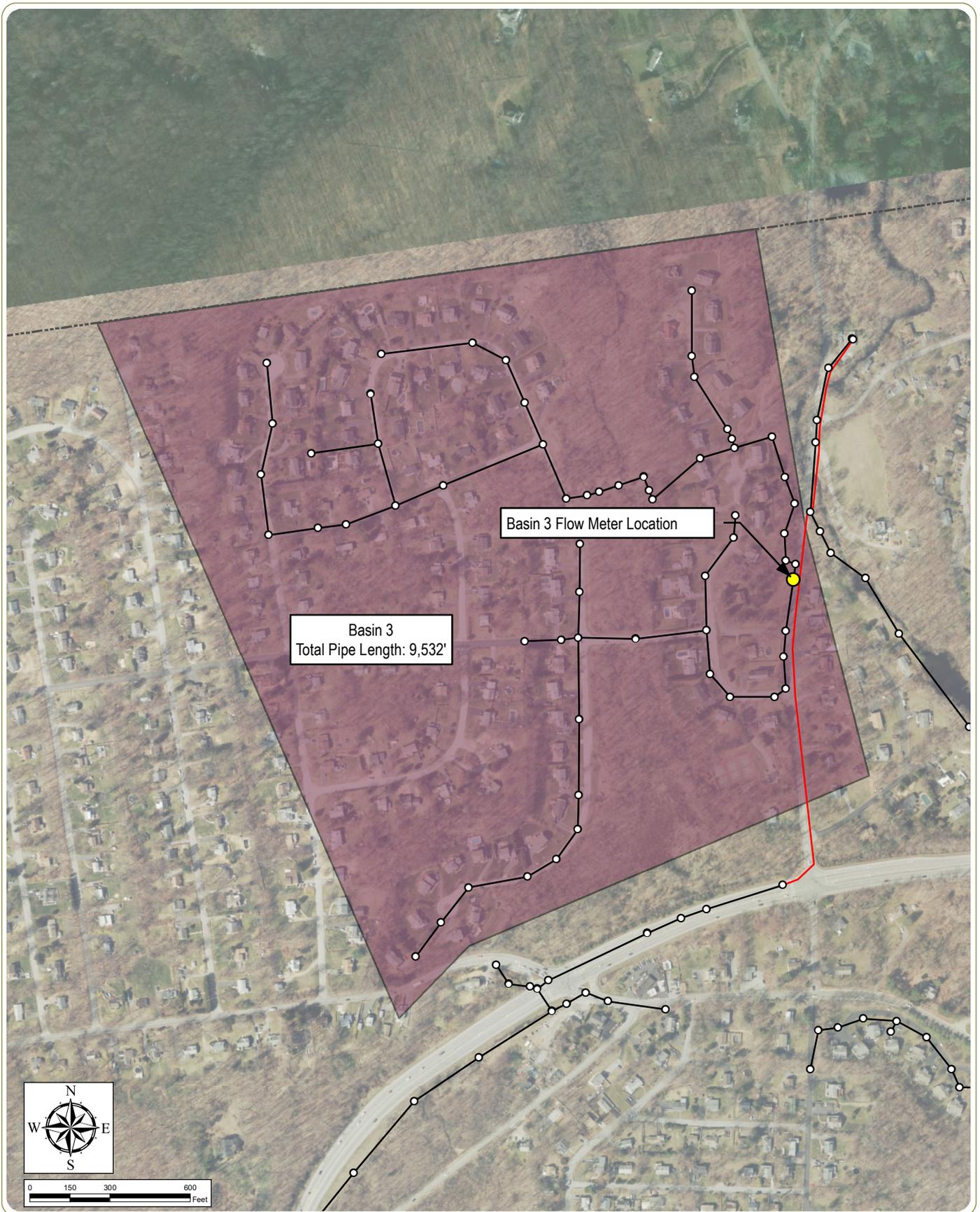
Yorktown Inflow and Infiltration Study

Town of Yorktown, Westchester County, New York

Figure 5: Basin 2

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" map service. 2. This map was generated in ArcMap on August 17, 2020. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Flow Meter
- Basin 2
- Town of Yorktown
- Sewer Force Main
- Sewer Main
- Manhole



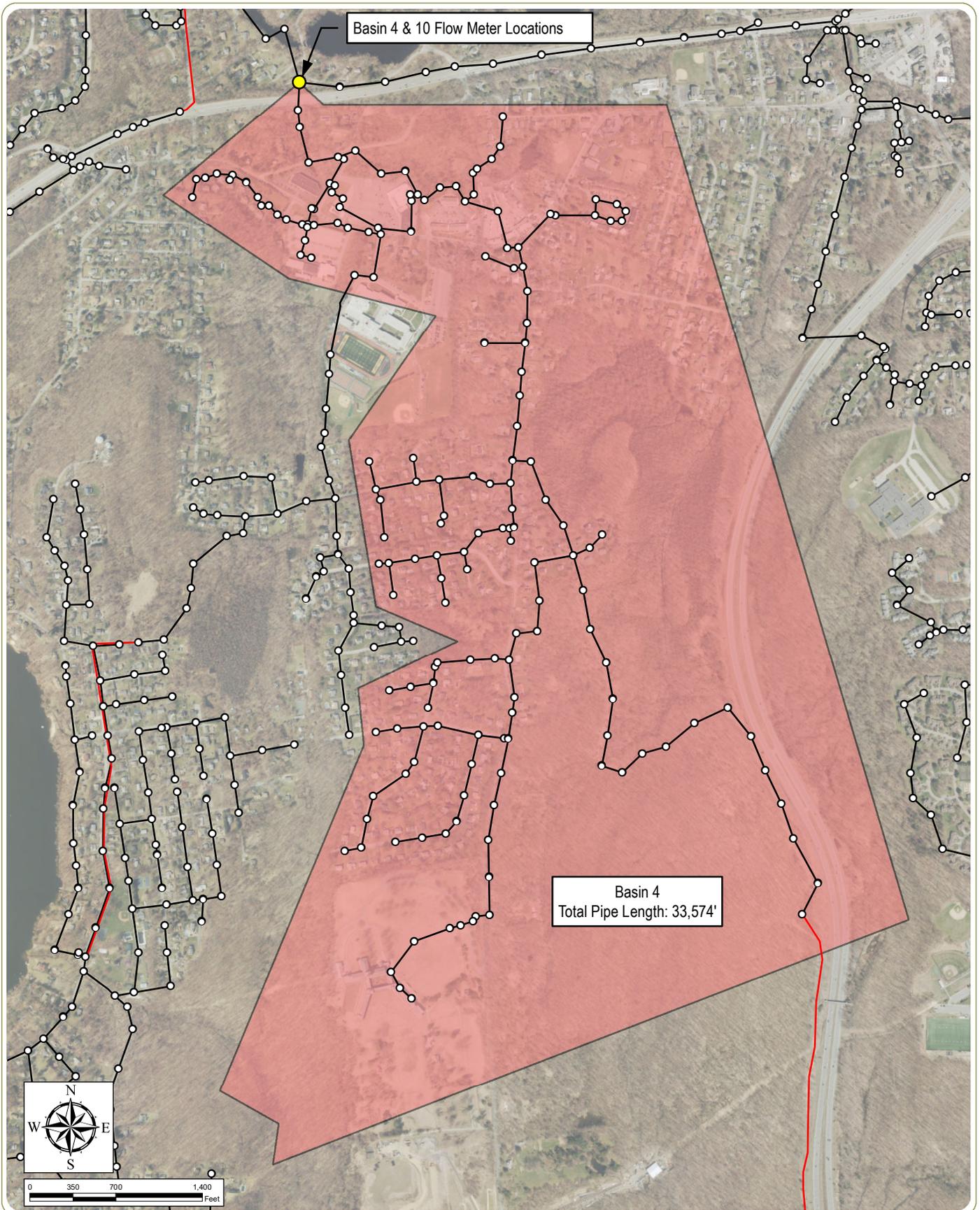
Yorktown Inflow and Infiltration Study

Town of Yorktown, Westchester County, New York

Figure 6: Basin 3

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" map service. 2. This map was generated in ArcMap on August 17, 2020. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Flow Meter
- Manhole
- Sewer Force Main
- Sewer Main
- Basin 3
- Town of Yorktown



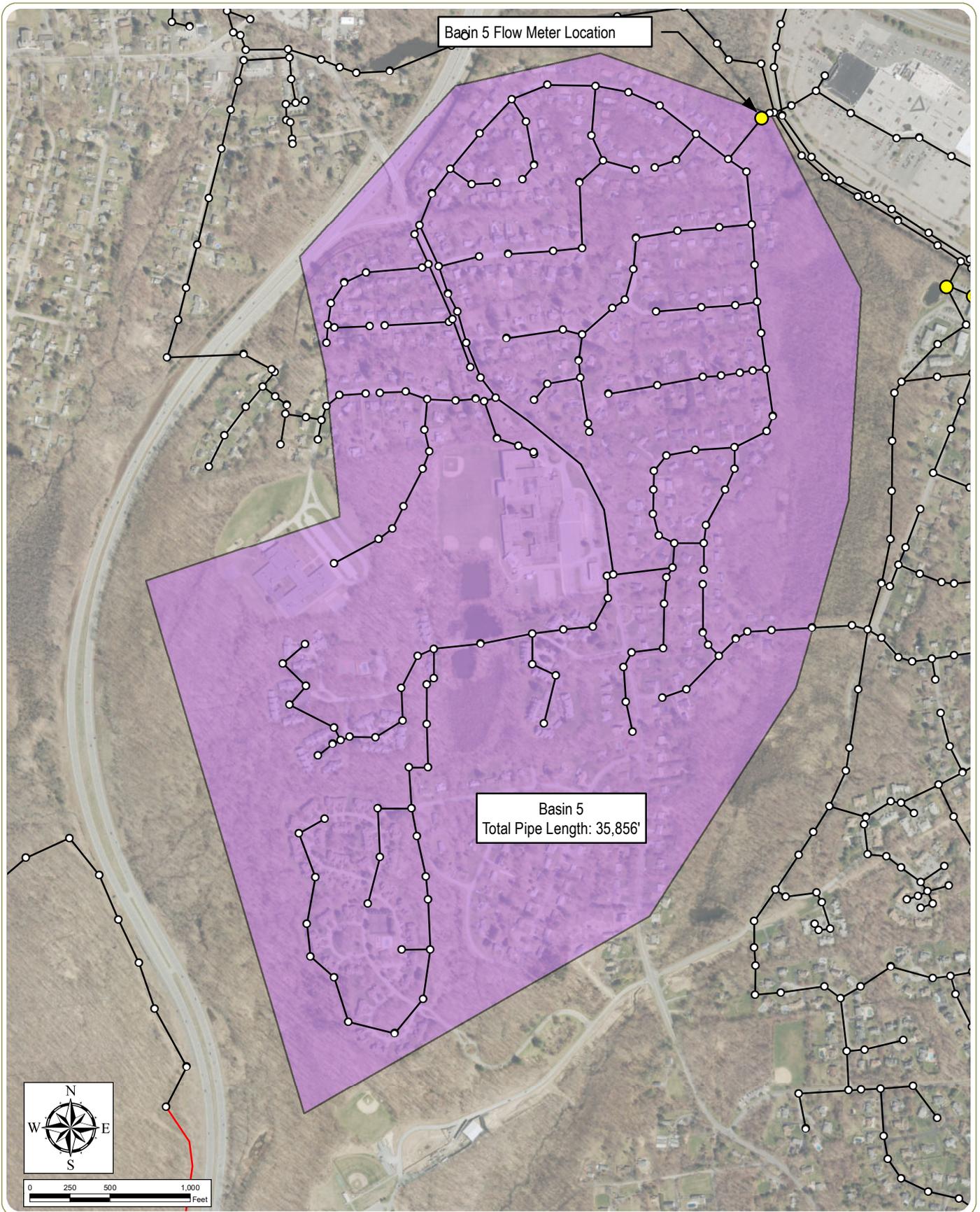
Yorktown Inflow and Infiltration Study

Town of Yorktown, Westchester County, New York

Figure 7: Basin 4

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" map service. 2. This map was generated in ArcMap on August 17, 2020. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data.





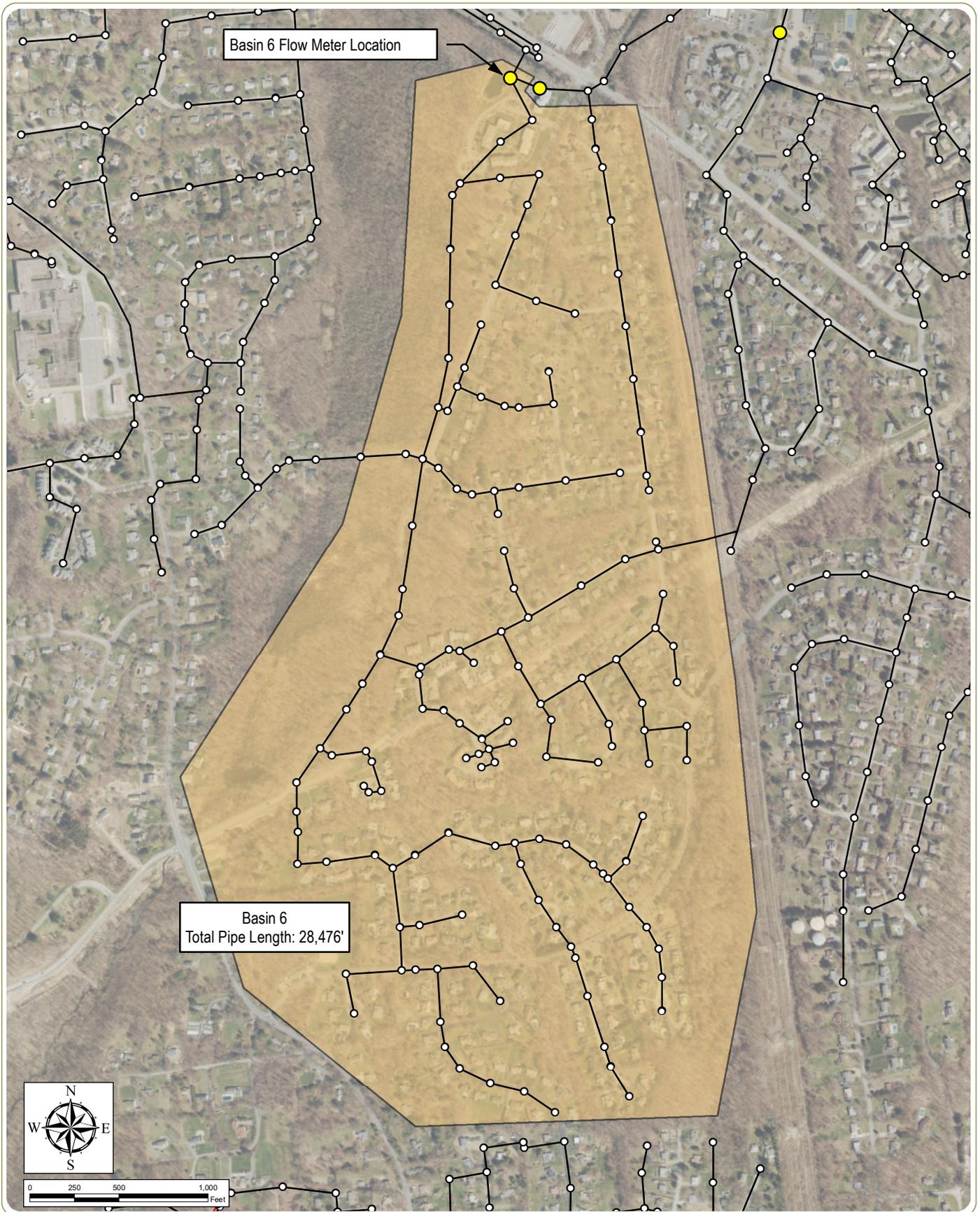
Yorktown Inflow and Infiltration Study

Town of Yorktown, Westchester County, New York

Figure 8: Basin 5

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" map service. 2. This map was generated in ArcMap on August 17, 2020. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Flow Meter
- Manhole
- Sewer Force Main
- Sewer Main
- Basin 5
- Town of Yorktown



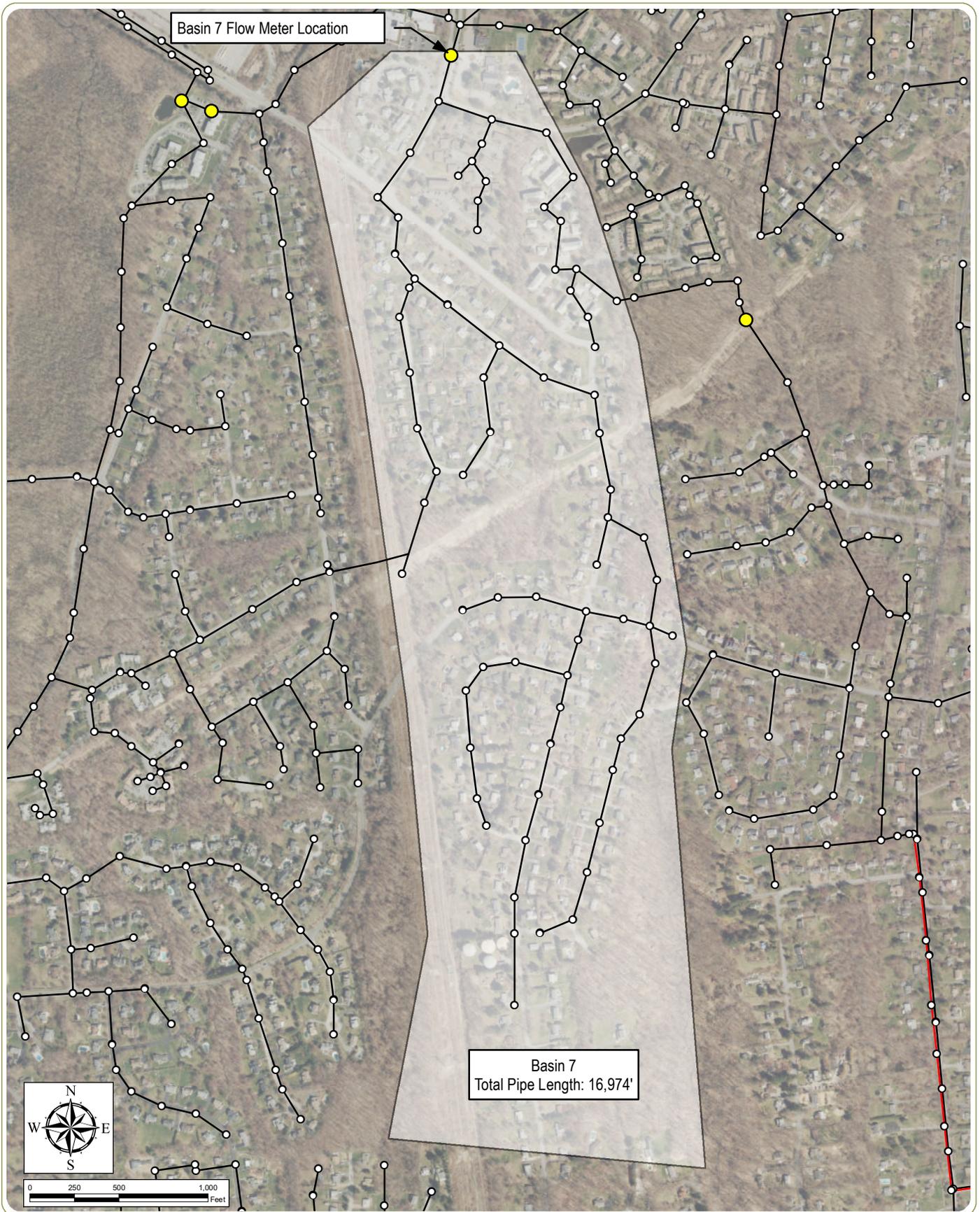
Yorktown Inflow and Infiltration Study

Town of Yorktown, Westchester County, New York

Figure 9: Basin 6

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" map service. 2. This map was generated in ArcMap on August 17, 2020. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Flow Meter
- Manhole
- Sewer Force Main
- Sewer Main
- Basin 6
- Town of Yorktown



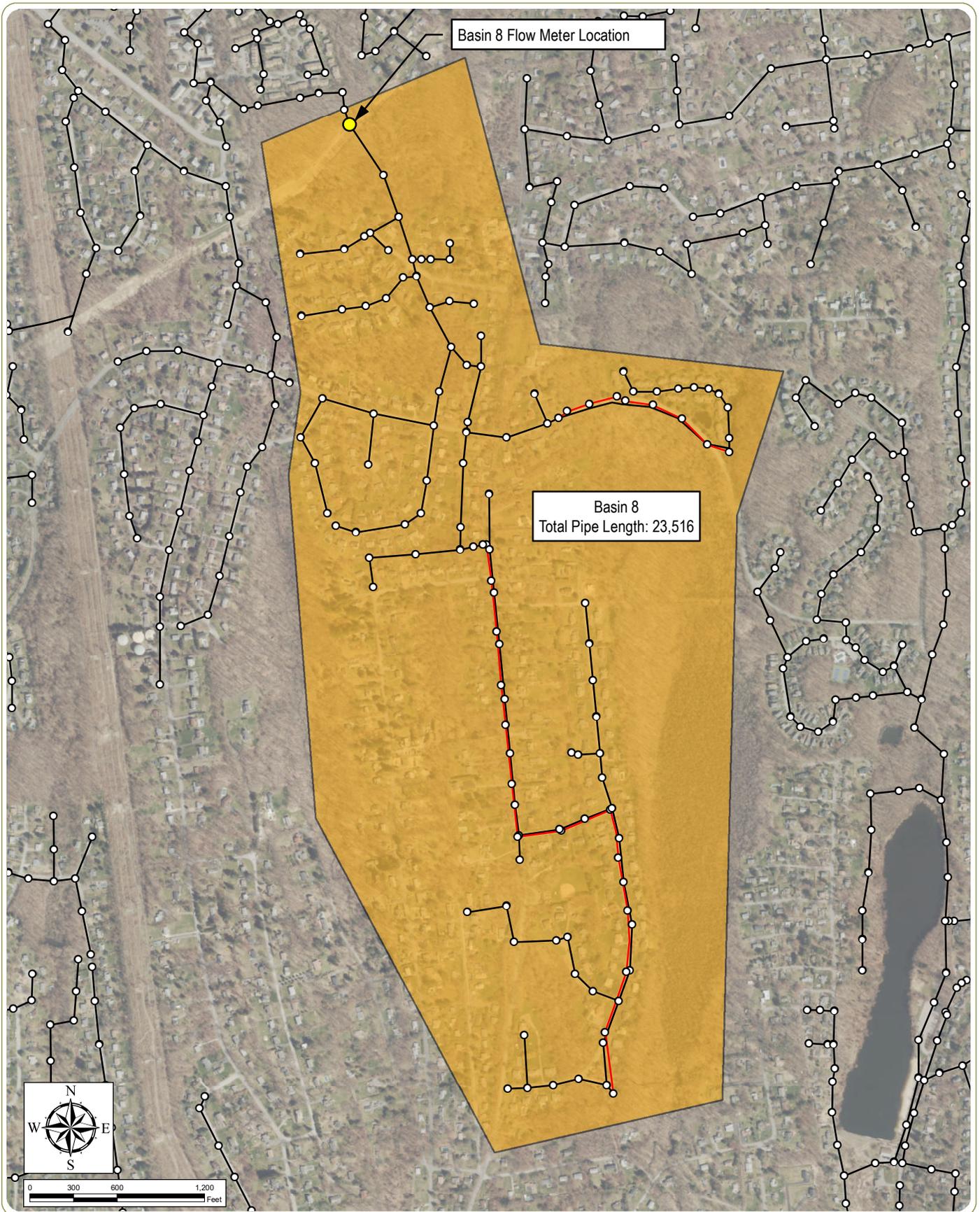
Yorktown Inflow and Infiltration Study

Town of Yorktown, Westchester County, New York

Figure 10: Basin 7

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" map service. 2. This map was generated in ArcMap on August 17, 2020. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data.





Yorktown Inflow and Infiltration Study

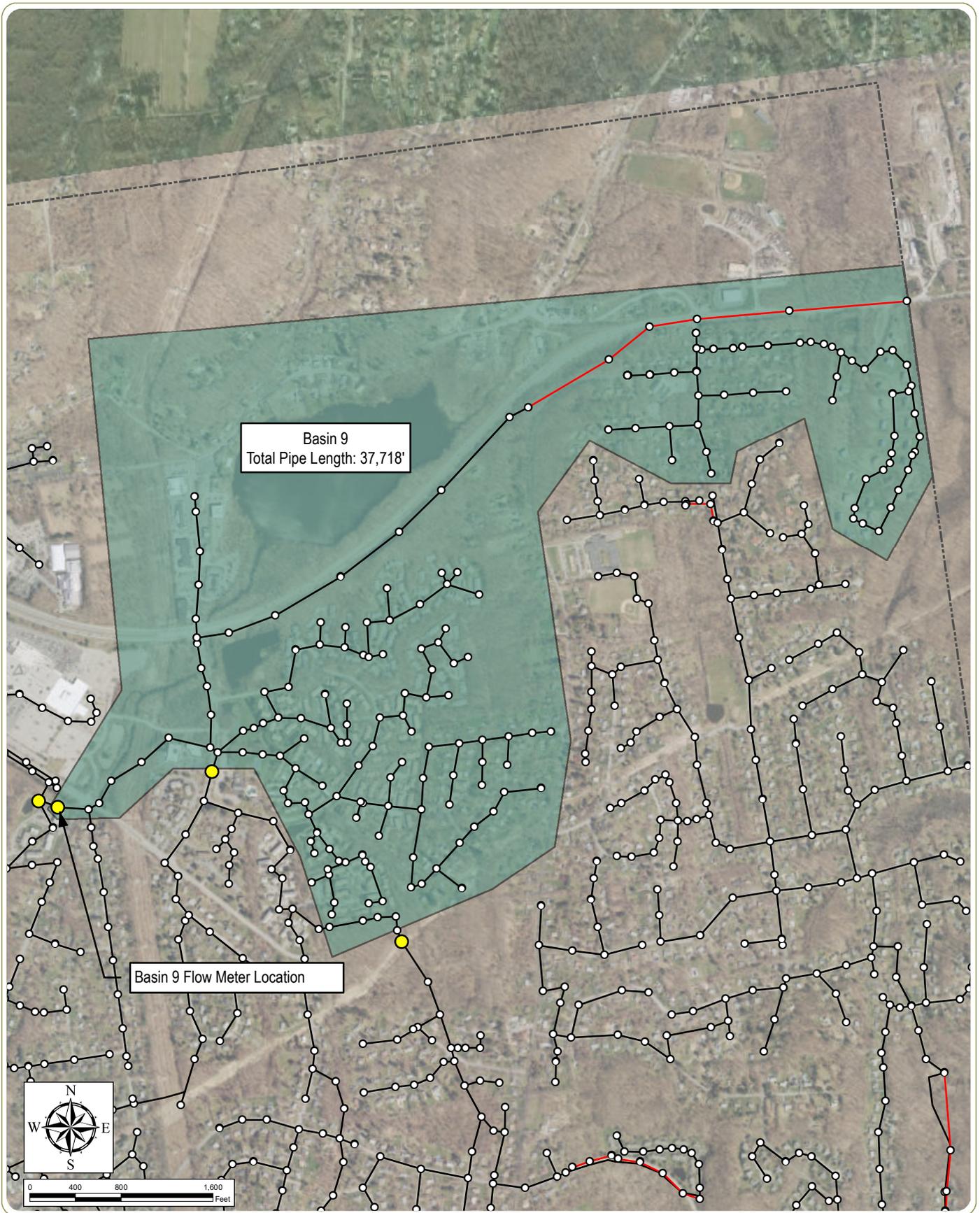
Town of Yorktown, Westchester County, New York

Figure 11: Basin 8

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" map service. 2. This map was generated in ArcMap on August 17, 2020. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Flow Meter
- Basin 8
- Manhole
- Town of Yorktown
- Sewer Force Main
- Sewer Main





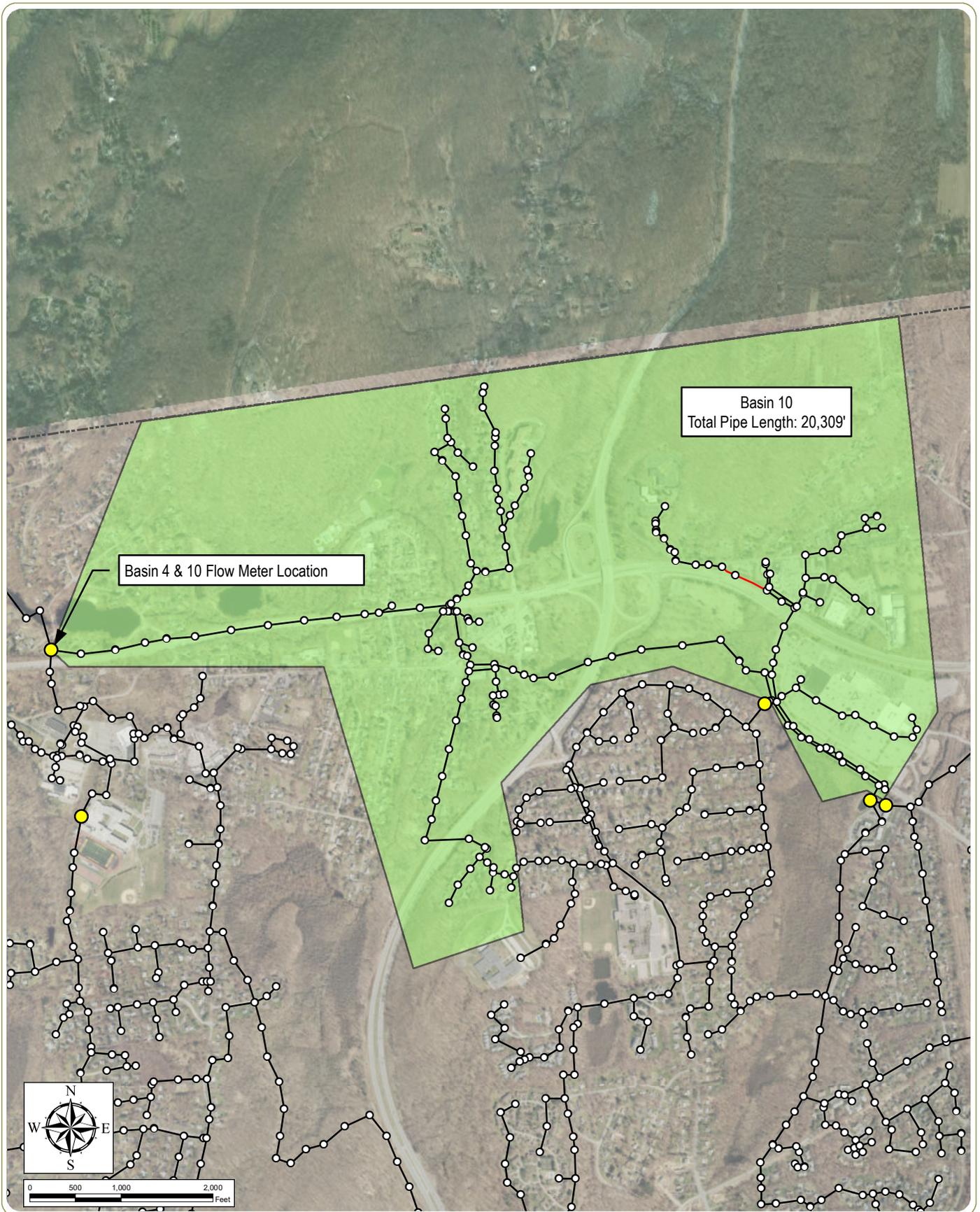
Yorktown Inflow and Infiltration Study

Town of Yorktown, Westchester County, New York

Figure 12: Basin 9

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" map service. 2. This map was generated in ArcMap on August 17, 2020. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Flow Meter
- Manhole
- Sewer Force Main
- Sewer Main
- Basin 9
- Town of Yorktown



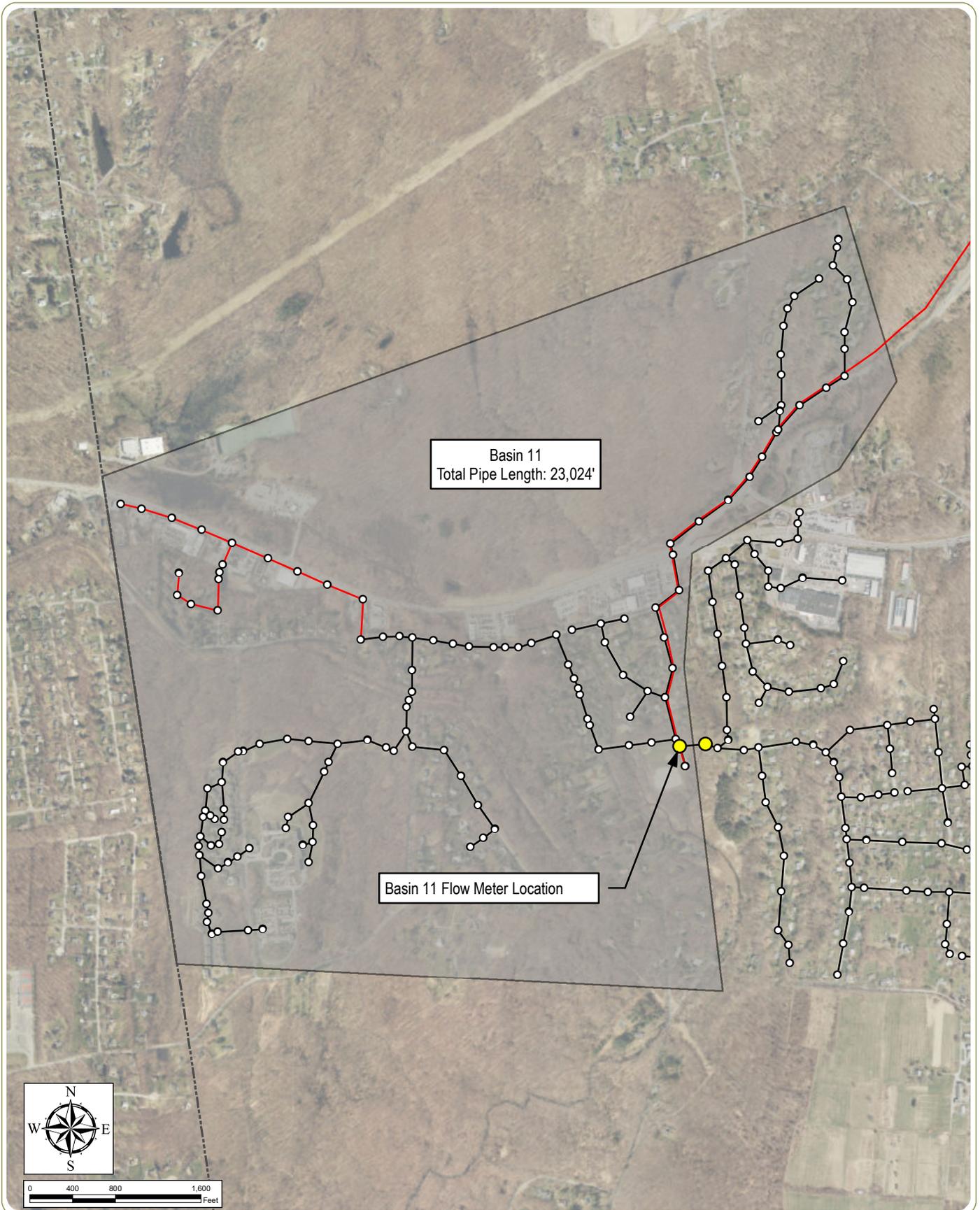
Yorktown Inflow and Infiltration Study

Town of Yorktown, Westchester County, New York

Figure 13: Basin 10

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" map service. 2. This map was generated in ArcMap on August 17, 2020. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Flow Meter
- Manhole
- Sewer Force Main
- Sewer Main
- Basin 10
- Town of Yorktown



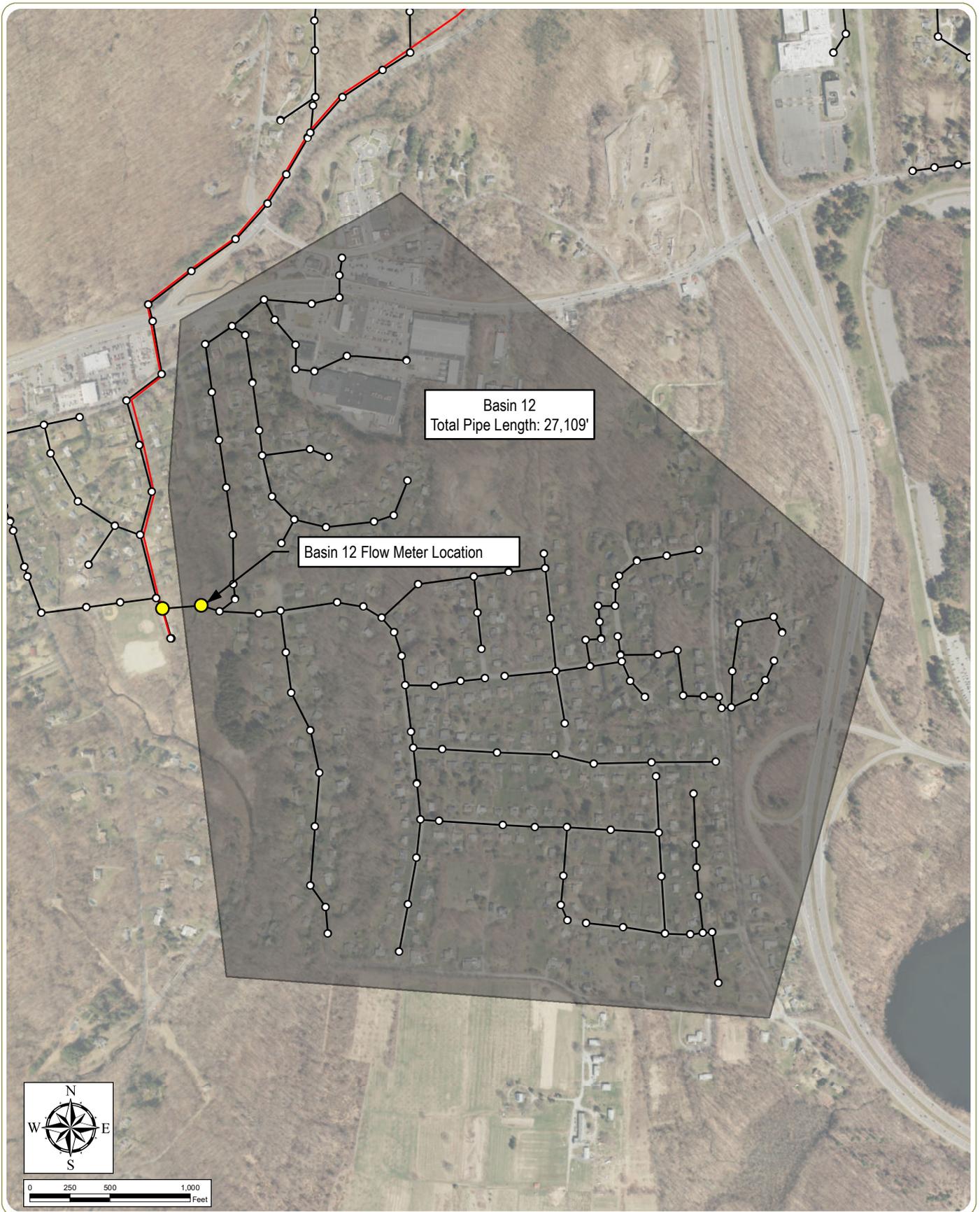
Yorktown Inflow and Infiltration Study

Town of Yorktown, Westchester County, New York

Figure 14: Basin 11

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" map service. 2. This map was generated in ArcMap on August 17, 2020. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Flow Meter
- Manhole
- Sewer Force Main
- Sewer Main
- Basin 11
- Town of Yorktown



Yorktown Inflow and Infiltration Study

Town of Yorktown, Westchester County, New York

Figure 15: Basin 12

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" map service. 2. This map was generated in ArcMap on August 17, 2020. 3. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Flow Meter
- Manhole
- Sewer Force Main
- Sewer Main
- Basin 12
- Town of Yorktown

APPENDICES

APPENDIX A

Flowmeter Installation Reports

Yorktown TFM 2020



Site I.D.

Flow Monitoring Site Installation Report

1

Site Address / Location:	1719 Rt 6 In grass behind guardrail	Monitor Series	TRITON+	Location Type	Temporary
Site Access:	Drive, park at end of stip mall lot	Pipe Size (H x W)	7.75 x 7.75"	Pipe Shape	Circular

Manhole #		System Characteristics	Commercial
Access	Drive	Traffic	None



Installation Information	
Installation Date:	Tuesday, May 12, 2020
Installation Type:	Doppler Standard Ring and Crank
Monitoring Location (Sensors):	Upstream 0-5 FT
Monitor Location:	Manhole
Sensors / Devices:	Peak Combo (CS4)
Pressure Sensor Range (psi)	0 -5 psi
Installation Confirmation:	
Confirmation Time:	11:30:00 AM
Pipe Size (HxW)	7.75 x 7.75"
Depth of Flow (Wet DOF) (in)	6.25
Range (Air DOF) (in)	1.5
Downlooker Physical Offset (in)	0
Measurement Confidence (in)	0.38"
Peak Velocity (fps)	3.33
Velocity Sensor Offset (in)	0
Silt (in)	0
Silt Type	N/A
Hydraulic Comments:	
Fast, steady flow	
Manhole / Pipe Information:	
Manhole Depth (Approx. FT):	14'
Manhole Configuration	Single
Manhole Material:	Concrete
Manhole Condition:	Fair
Manhole Opening Diameter (in)	24
Manhole Diameter (Approx.):	36
Manhole Cover	Vented
Manhole Frame	Normal
Active Drop Connections	No
Air Quality:	20.9, 0, 0
Pipe Material	PVC
Pipe Condition:	Good
Communication Information:	
Communication Type	Wireless
Antenna Location	Grass (buried)
Additional Site Info. / Comments:	
GWG P.O. = 12"	41.324096,-73.851810

ADS Project Name:	Yorktown EDR TFM 2020
ADS Project Number:	32561.11.325

Yorktown TFM 2020



Site I.D.

Flow Monitoring Site Installation Report

2

Site Address / Location:	Lakeland H. S. Side lot	Monitor Series	Location Type
Site Access:	Drive	TRITON+	Temporary
		Pipe Size (H x W)	Pipe Shape
		8.0 x 8.0"	Circular



Manhole #	System Characteristics
Access	Residential
Drive	Traffic
	None



Installation Information	
Installation Date:	Installation Type:
Tuesday, May 12, 2020	Doppler Standard Ring and Crank
Monitoring Location (Sensors):	Monitor Location:
Upstream 0-5 FT	Manhole
Sensors / Devices:	Pressure Sensor Range (psi)
Peak Combo (CS4)	0 -5 psi
Installation Confirmation:	
Confirmation Time:	Pipe Size (HxW)
12:30:00 PM	8.0 x 8.0"
Depth of Flow (Wet DOF) (in)	Range (Air DOF) (in)
2.25	5.75
Downlooker Physical Offset (in)	Measurement Confidence (in)
0	0.38"
Peak Velocity (fps)	Velocity Sensor Offset (in)
1.18	0
Silt (in)	Silt Type
0	N/A
Hydraulic Comments:	
Fast, steady flow	
Manhole / Pipe Information:	
Manhole Depth (Approx. FT):	Manhole Configuration
4.5'	Single
Manhole Material:	Manhole Condition:
Concrete	Good
Manhole Opening Diameter (in)	Manhole Diameter (Approx.):
24	36
Manhole Cover	Manhole Frame
Vented	Normal
Active Drop Connections	Air Quality:
No	20.9, 0, 0
Pipe Material	Pipe Condition:
Cast Iron Pipe	Fair
Communication Information:	
Communication Type	Antenna Location
Wireless	Grass (buried)
Additional Site Info. / Comments:	
Lat 41.325542 Lon-73.838301	

ADS Project Name:	Yorktown EDR TFM 2020
ADS Project Number:	32561.11.325

Yorktown TFM 2020

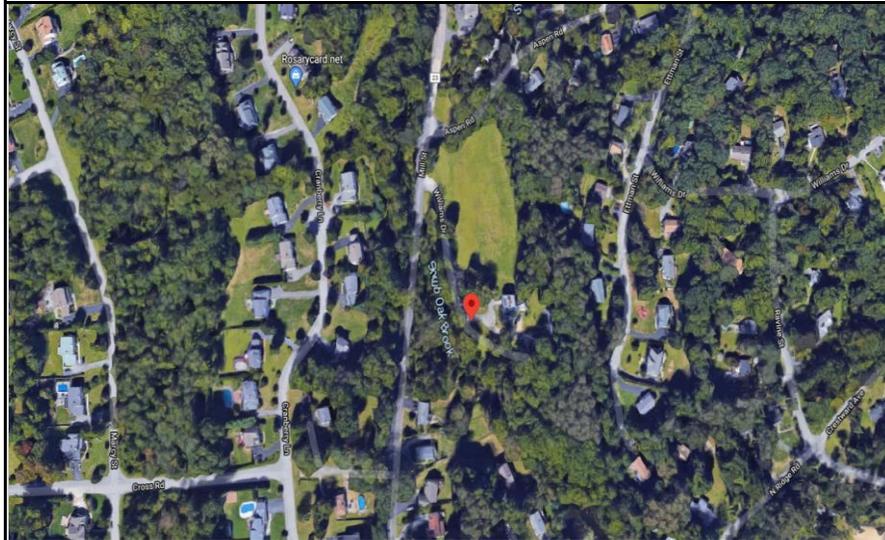


Site I.D.

Flow Monitoring Site Installation Report

3

Site Address / Location:	Mill St. In grass behind guardrail near Williams Dr.	Monitor Series	Location Type
Site Access:	Drive/Walk	TRITON+	Temporary
		Pipe Size (H x W)	Pipe Shape
		9.75 x 9.75"	Circular



Manhole #	System Characteristics
	Residential
Access	Traffic
Drive	None



Installation Information	
Installation Date:	Installation Type:
Wednesday, May 13, 2020	Doppler Standard Ring and Crank
Monitoring Location (Sensors):	Monitor Location:
Upstream 0-5 FT	Manhole
Sensors / Devices:	Pressure Sensor Range (psi)
Surface Combo (CS5-V2)	0 - 5 psi

Installation Confirmation:	
Confirmation Time:	Pipe Size (HxW)
9:00:00 AM	9.75 x 9.75"
Depth of Flow (Wet DOF) (in)	Range (Air DOF) (in)
0.5	9.25
Downlooker Physical Offset (in)	Measurement Confidence (in)
0	0.38"
Peak Velocity (fps)	Velocity Sensor Offset (in)
3.18	0
Silt (in)	Silt Type
0	N/A

Hydraulic Comments:
Fast, steady flow



Manhole / Pipe Information:	
Manhole Depth (Approx. FT):	Manhole Configuration
13'	Single
Manhole Material:	Manhole Condition:
Concrete	Good
Manhole Opening Diameter (in)	Manhole Diameter (Approx.):
24	36
Manhole Cover	Manhole Frame
Vented	Normal
Active Drop Connections	Air Quality:
No	20.9, 0, 0
Pipe Material	Pipe Condition:
Cast Iron Pipe	Fair

Communication Information:	
Communication Type	Antenna Location
Wireless	Grass (buried)

Additional Site Info. / Comments:
Lat 41.333183 Lon -73.842230 GWG P.O. = 25"

ADS Project Name:	Yorktown EDR TFM 2020
ADS Project Number:	32561.11.325

Yorktown TFM 2020

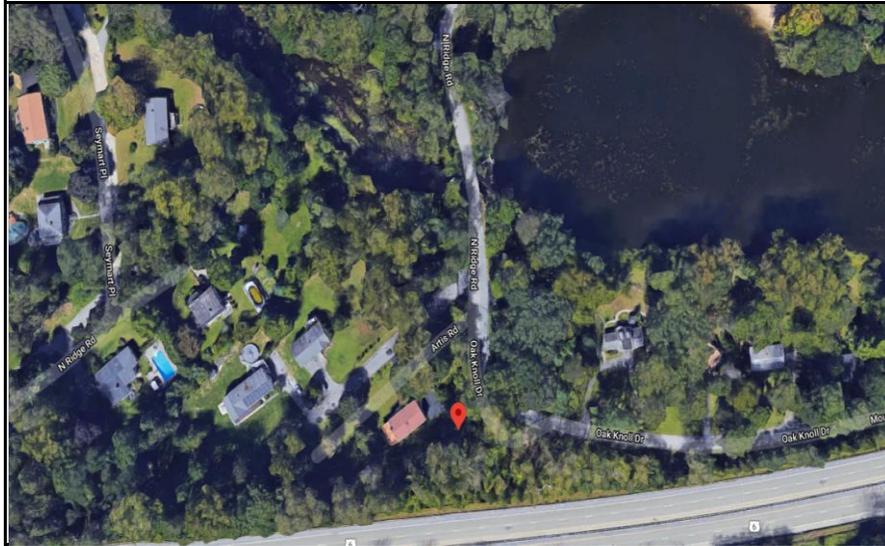


Site I.D.

Flow Monitoring Site Installation Report

4

Site Address / Location:	1345 Artis Rd	Monitor Series	Location Type
Site Access:	Drive/Walk	TRITON+	Temporary
		Pipe Size (H x W)	Pipe Shape
		12.0 x 12.0"	Circular



Manhole #	System Characteristics
	Residential
Access	Traffic
Drive	None



Installation Information

Installation Date:	Installation Type:
Tuesday, May 12, 2020	Doppler Standard Ring and Crank
Monitoring Location (Sensors):	Monitor Location:
Upstream 0-5 FT	Manhole
Sensors / Devices:	Pressure Sensor Range (psi)
Peak Combo (CS4)	0 -5 psi

Installation Confirmation:

Confirmation Time:	Pipe Size (HxW)
1:30:00 PM	12.0 x 12.0"
Depth of Flow (Wet DOF) (in)	Range (Air DOF) (in)
4	8
Downlooker Physical Offset (in)	Measurement Confidence (in)
0	0.38"
Peak Velocity (fps)	Velocity Sensor Offset (in)
3.21	0
Silt (in)	Silt Type
0	N/A

Hydraulic Comments:

Fast, steady flow

Manhole / Pipe Information:

Manhole Depth (Approx. FT):	Manhole Configuration
11'	Single
Manhole Material:	Manhole Condition:
Concrete	Good
Manhole Opening Diameter (in)	Manhole Diameter (Approx.):
24	36
Manhole Cover	Manhole Frame
Vented	Normal
Active Drop Connections	Air Quality:
No	20.9, 0, 0
Pipe Material	Pipe Condition:
Cast Iron Pipe	Fair

Communication Information:

Communication Type	Antenna Location
Wireless	Grass (buried)

Additional Site Info. / Comments:

Lat 41.330272 Lon-73.839633 GWG P.O. = 33"

ADS Project Name:	Yorktown EDR TFM 2020
ADS Project Number:	32561.11.325

Yorktown TFM 2020

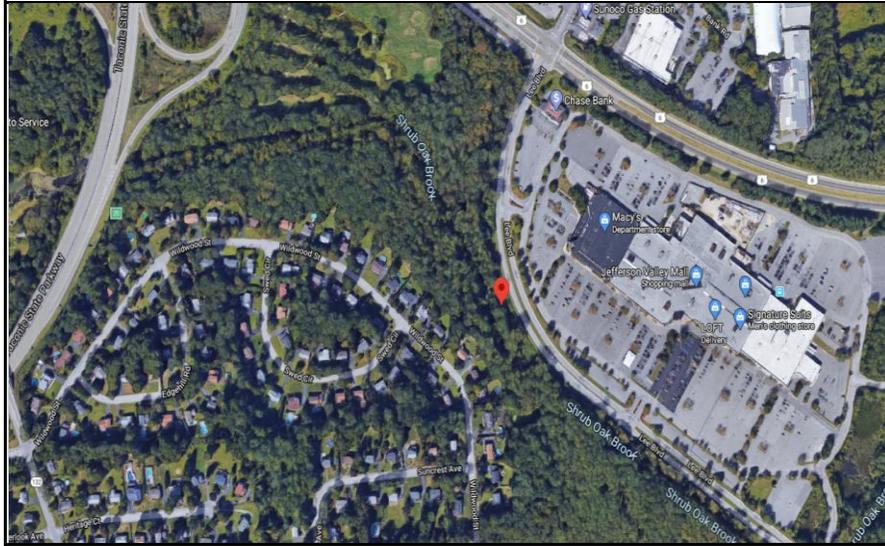


Site I.D.

Flow Monitoring Site Installation Report

5

Site Address / Location:	651 Lee Blvd. across from Macy's	Monitor Series	Location Type
Site Access:	Drive/Walk	TRITON+	Temporary
		Pipe Size (H x W)	Pipe Shape
		12.0 x 12.0"	Circular



Manhole #	System Characteristics
	Residential
Access	Traffic
Drive	None



Installation Information	
Installation Date:	Installation Type:
Wednesday, May 13, 2020	Doppler Standard Ring and Crank
Monitoring Location (Sensors):	Monitor Location:
Upstream 0-5 FT	Manhole
Sensors / Devices:	Pressure Sensor Range (psi)
Peak Combo (CS4)	0 -5 psi

Installation Confirmation:	
Confirmation Time:	Pipe Size (HxW)
12:00:00 PM	12.0 x 12.0"
Depth of Flow (Wet DOF) (in)	Range (Air DOF) (in)
2	10
Downlooker Physical Offset (in)	Measurement Confidence (in)
0	0.38"
Peak Velocity (fps)	Velocity Sensor Offset (in)
2.98	0
Silt (in)	Silt Type
0	N/A

Hydraulic Comments:
Fast, steady flow



Manhole / Pipe Information:	
Manhole Depth (Approx. FT):	Manhole Configuration
14'	Single
Manhole Material:	Manhole Condition:
Concrete	Good
Manhole Opening Diameter (in)	Manhole Diameter (Approx.):
24	36
Manhole Cover	Manhole Frame
Vented	Normal
Active Drop Connections	Air Quality:
No	20.9, 0, 0
Pipe Material	Pipe Condition:
PVC	Good

Communication Information:	
Communication Type	Antenna Location
Wireless	Grass (buried)

Additional Site Info. / Comments:
Lat 41.328422 Lon -73.811066 GWG P.O. = 10" D/S installation

ADS Project Name:	Yorktown EDR TFM 2020
ADS Project Number:	32561.11.325

Yorktown TFM 2020

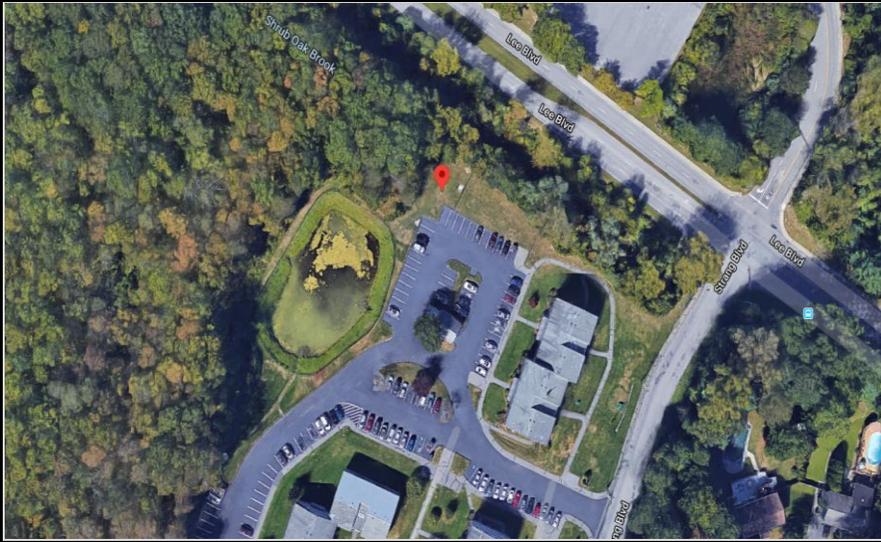


Site I.D.

Flow Monitoring Site Installation Report

6

Site Address / Location:	In grass, Rt rear corner Jefferson Woods Apts.	Monitor Series	Location Type
Site Access:	Drive/Walk	TRITON+	Temporary
		Pipe Size (H x W)	Pipe Shape
		12.25 x 12.25	Circular



Manhole #	System Characteristics
	Residential
Access	Traffic
Drive	None

05.14.2020 11:17



Installation Information	
Installation Date:	Installation Type:
Thursday, May 14, 2020	Doppler Standard Ring and Crank
Monitoring Location (Sensors):	Monitor Location:
Upstream 0-5 FT	Manhole
Sensors / Devices:	Pressure Sensor Range (psi)
Peak Combo (CS4)	0 -5 psi

Installation Confirmation:	
Confirmation Time:	Pipe Size (HxW)
11:20:00 AM	12.25 x 12.25
Depth of Flow (Wet DOF) (in)	Range (Air DOF) (in)
3	9.25
Downlooker Physical Offset (in)	Measurement Confidence (in)
0	0.38"
Peak Velocity (fps)	Velocity Sensor Offset (in)
2.75	0
Silt (in)	Silt Type
0	N/A

Hydraulic Comments:
Moderately fast flow, bend has no effect



Manhole / Pipe Information:	
Manhole Depth (Approx. FT):	Manhole Configuration
12'	Single
Manhole Material:	Manhole Condition:
Concrete	Good
Manhole Opening Diameter (in)	Manhole Diameter (Approx.):
24	36
Manhole Cover	Manhole Frame
Vented	Normal
Active Drop Connections	Air Quality:
No	20.9, 0, 0
Pipe Material	Pipe Condition:
Cast Iron Pipe	Good

Communication Information:	
Communication Type	Antenna Location
Wireless	Grass (buried)

Additional Site Info. / Comments:
41.325182,-73.806601 GWG P.O. = 12"

ADS Project Name:	Yorktown EDR TFM 2020
ADS Project Number:	32561.11.325

Yorktown TFM 2020

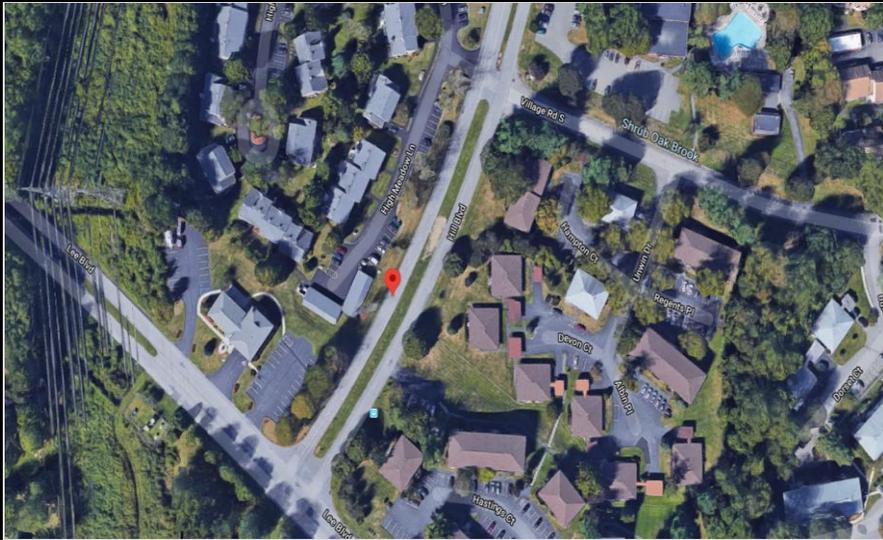


Site I.D.

Flow Monitoring Site Installation Report

7

Site Address / Location:	19 A & B Hill Blvd.	Monitor Series	Location Type
Site Access:	Drive	TRITON+	Temporary
		Pipe Size (H x W)	Pipe Shape
		7.75 x 7.75"	Circular



Manhole #	System Characteristics
	Residential
Access	Traffic
Drive	Light



Installation Information	
Installation Date:	Installation Type:
Wednesday, May 13, 2020	Doppler Standard Ring and Crank
Monitoring Location (Sensors):	Monitor Location:
Upstream 0-5 FT	Manhole
Sensors / Devices:	Pressure Sensor Range (psi)
Surface Combo (CS5-V2)	0 -5 psi

Installation Confirmation:	
Confirmation Time:	Pipe Size (HxW)
11:20:00 AM	7.75 x 7.75"
Depth of Flow (Wet DOF) (in)	Range (Air DOF) (in)
0.5	7.25
Downlooker Physical Offset (in)	Measurement Confidence (in)
1.38	0.38"
Peak Velocity (fps)	Velocity Sensor Offset (in)
4	0
Silt (in)	Silt Type
0	N/A

Hydraulic Comments:
Fast flow



Manhole / Pipe Information:	
Manhole Depth (Approx. FT):	Manhole Configuration
9'	Single
Manhole Material:	Manhole Condition:
Concrete	Good
Manhole Opening Diameter (in)	Manhole Diameter (Approx.):
24	36
Manhole Cover	Manhole Frame
Vented	Normal
Active Drop Connections	Air Quality:
No	20.9, 0, 0
Pipe Material	Pipe Condition:
Concrete	Fair

Communication Information:	
Communication Type	Antenna Location
Wireless	Drilled Pavement / Concrete

Additional Site Info. / Comments:
41.324712,-73.802526 GWG P.O. = 8"

ADS Project Name:	Yorktown EDR TFM 2020
ADS Project Number:	32561.11.325

Yorktown TFM 2020

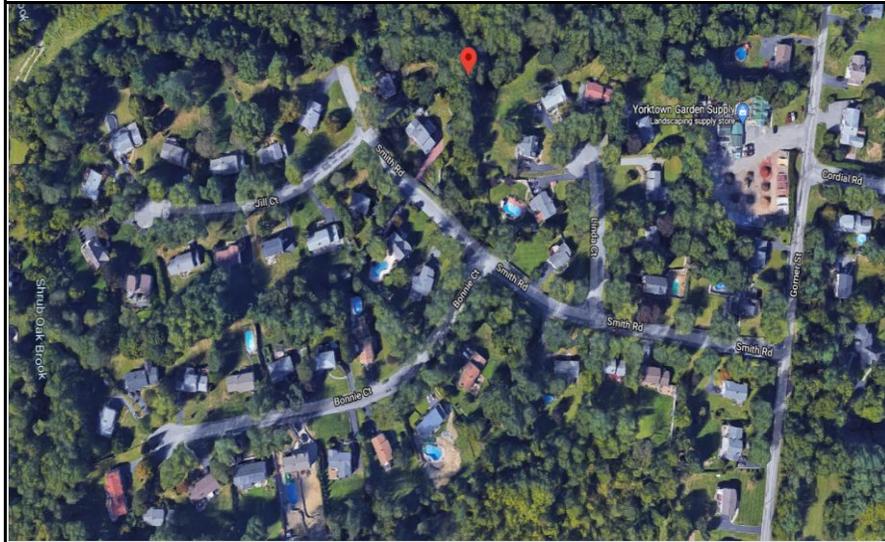


Site I.D.

Flow Monitoring Site Installation Report

8

Site Address / Location:	420 Smith Rd (Jill Ct)	Monitor Series	Location Type
Site Access:	Drive/Walk	TRITON+	Temporary
		Pipe Size (H x W)	Pipe Shape
		8.0 x 8.0"	Circular



Manhole #	System Characteristics
	Residential
Access	Traffic
Walk (Wooded)	None



Installation Information	
Installation Date:	Installation Type:
Wednesday, May 13, 2020	Doppler Standard Ring and Crank
Monitoring Location (Sensors):	Monitor Location:
Downstream 0-5 FT	Manhole
Sensors / Devices:	Pressure Sensor Range (psi)
Surface Combo (CS5-V2)	0 - 5 psi

Installation Confirmation:	
Confirmation Time:	Pipe Size (HxW)
11:00:00 AM	8.0 x 8.0"
Depth of Flow (Wet DOF) (in)	Range (Air DOF) (in)
2	7.25
Downlooker Physical Offset (in)	Measurement Confidence (in)
	0.38"
Peak Velocity (fps)	Velocity Sensor Offset (in)
4.02	0
Silt (in)	Silt Type
0	N/A

Hydraulic Comments:
Fast even flow



Manhole / Pipe Information:	
Manhole Depth (Approx. FT):	Manhole Configuration
4.5'	Single
Manhole Material:	Manhole Condition:
Concrete	Good
Manhole Opening Diameter (in)	Manhole Diameter (Approx.):
24	36
Manhole Cover	Manhole Frame
Vented	Normal
Active Drop Connections	Air Quality:
No	20.9, 0, 0
Pipe Material	Pipe Condition:
Concrete	Fair

Communication Information:	
Communication Type	Antenna Location
Wireless	Grass (buried)

Additional Site Info. / Comments:
Lat 41.320397 Lon -73.794270 GWG P.O. = 10"

ADS Project Name:	Yorktown EDR TFM 2020
ADS Project Number:	32561.11.325

Yorktown TFM 2020



Site I.D.

Flow Monitoring Site Installation Report

9

Site Address / Location:	Parking lot of 3601 Strang Blvd. Jefferson Woods Apts.	Monitor Series	Location Type
Site Access:	Drive	TRITON+	Temporary
		Pipe Size (H x W)	Pipe Shape
		16.0 x 16.0"	Circular



Manhole #	System Characteristics
	Residential
Access	Traffic
Drive	None



Installation Information	
Installation Date:	Installation Type:
Thursday, May 14, 2020	Doppler Standard Ring and Crank
Monitoring Location (Sensors):	Monitor Location:
Upstream 0-5 FT	Manhole
Sensors / Devices:	Pressure Sensor Range (psi)
Peak Combo (CS4)	0 -5 psi

Installation Confirmation:	
Confirmation Time:	Pipe Size (HxW)
9:45:00 AM	16.0 x 16.0"
Depth of Flow (Wet DOF) (in)	Range (Air DOF) (in)
4	12
Downlooker Physical Offset (in)	Measurement Confidence (in)
	0.38"
Peak Velocity (fps)	Velocity Sensor Offset (in)
2.36	0
Silt (in)	Silt Type
0	N/A

Hydraulic Comments:
Moderately fast flow



Manhole / Pipe Information:	
Manhole Depth (Approx. FT):	Manhole Configuration
11'	Single
Manhole Material:	Manhole Condition:
Concrete	Good
Manhole Opening Diameter (in)	Manhole Diameter (Approx.):
24	36
Manhole Cover	Manhole Frame
Vented	Normal
Active Drop Connections	Air Quality:
No	20.9, 0, 0
Pipe Material	Pipe Condition:
Concrete	Fair

Communication Information:	
Communication Type	Antenna Location
Wireless	Drilled Pavement / Concrete

Additional Site Info. / Comments:
41.325159,-73.806642

ADS Project Name:	Yorktown EDR TFM 2020
ADS Project Number:	32561.11.325

Yorktown TFM 2020

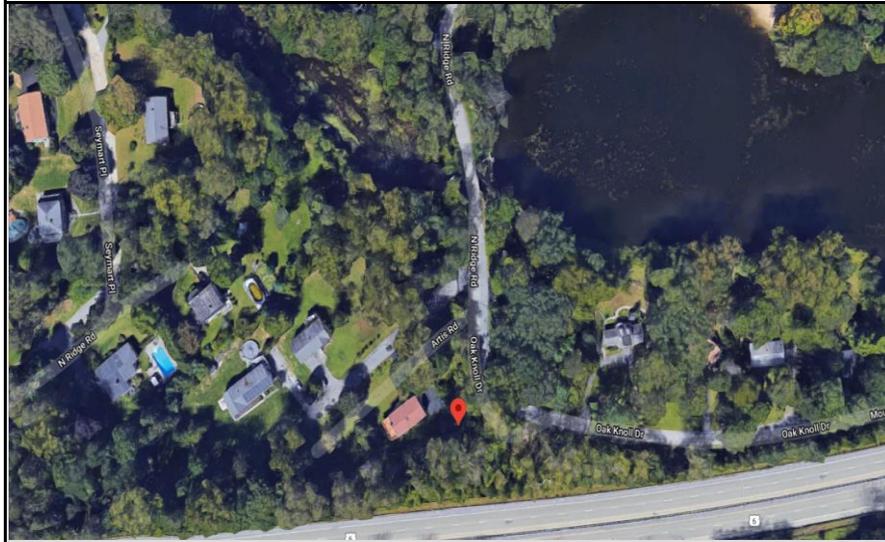


Site I.D.

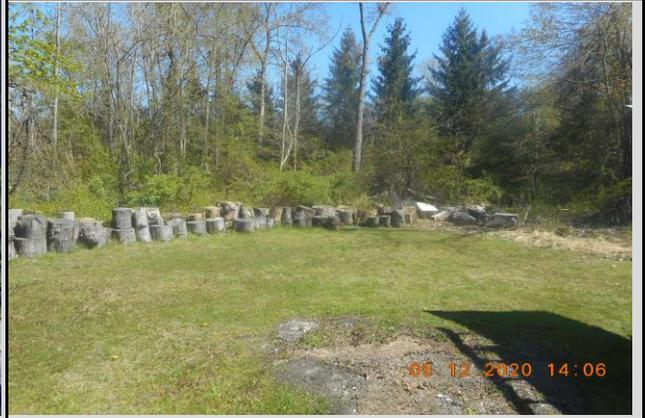
Flow Monitoring Site Installation Report

10

Site Address / Location:	1345 Artis Rd	Monitor Series	Location Type
Site Access:	Drive/Walk	TRITON+	Temporary
		Pipe Size (H x W)	Pipe Shape
		30.0 x 30.0"	Circular



Manhole #	System Characteristics
	Other
Access	Traffic
Drive	None



Installation Information	
Installation Date:	Installation Type:
Tuesday, May 12, 2020	Doppler Standard Ring and Crank
Monitoring Location (Sensors):	Monitor Location:
Upstream 0-5 FT	Manhole
Sensors / Devices:	Pressure Sensor Range (psi)
Peak Combo (CS4)	0 -5 psi

Installation Confirmation:	
Confirmation Time:	Pipe Size (HxW)
1:30:00 PM	30.0 x 30.0"
Depth of Flow (Wet DOF) (in)	Range (Air DOF) (in)
8	22
Downlooker Physical Offset (in)	Measurement Confidence (in)
	0.38"
Peak Velocity (fps)	Velocity Sensor Offset (in)
1.55	0
Silt (in)	Silt Type
0	N/A

Hydraulic Comments:
Moderately smooth flow



Manhole / Pipe Information:	
Manhole Depth (Approx. FT):	Manhole Configuration
11'	Single
Manhole Material:	Manhole Condition:
Concrete	Good
Manhole Opening Diameter (in)	Manhole Diameter (Approx.):
24	36
Manhole Cover	Manhole Frame
Vented	Normal
Active Drop Connections	Air Quality:
Yes, Inside	20.9, 0, 0
Pipe Material	Pipe Condition:
Cast Iron Pipe	Fair

Communication Information:	
Communication Type	Antenna Location
Wireless	Grass (buried)

Additional Site Info. / Comments:
Lat 41.330272 Lon -73.839633 Metering interceptor line

ADS Project Name:	Yorktown EDR TFM 2020
ADS Project Number:	32561.11.325

Yorktown TFM 2020

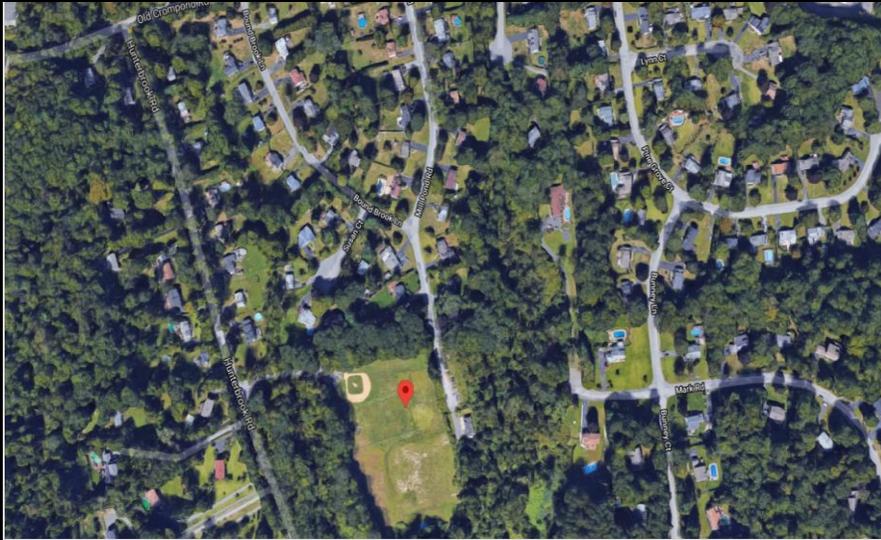


Site I.D.

Flow Monitoring Site Installation Report

11

Site Address / Location:	2413 Mill Pond Rd Just U/S of P/S	Monitor Series	Location Type
Site Access:	Drive/Walk	TRITON+	Temporary
		Pipe Size (H x W)	Pipe Shape
		12.25 x 12.25"	Circular



Manhole #	System Characteristics
	Other
Access	Traffic
Drive	None
Topside / Area	



Installation Information	
Installation Date:	Installation Type:
Tuesday, May 12, 2020	Doppler Standard Ring and Crank
Monitoring Location (Sensors):	Monitor Location:
Upstream 0-5 FT	Manhole
Sensors / Devices:	Pressure Sensor Range (psi)
Peak Combo (CS4)	0 -5 psi

Installation Confirmation:	
Confirmation Time:	Pipe Size (HxW)
9:00:00 AM	12.25 x 12.25"
Depth of Flow (Wet DOF) (in)	Range (Air DOF) (in)
2.38	9.88
Downlooker Physical Offset (in)	Measurement Confidence (in)
	0.38"
Peak Velocity (fps)	Velocity Sensor Offset (in)
3.17	0
Silt (in)	Silt Type
0	N/A

Hydraulic Comments:
Moderately smooth flow

Manhole / Pipe Information:	
Manhole Depth (Approx. FT):	Manhole Configuration
14	Single
Manhole Material:	Manhole Condition:
Concrete	Good
Manhole Opening Diameter (in)	Manhole Diameter (Approx.):
24	36
Manhole Cover	Manhole Frame
Vented	Normal
Active Drop Connections	Air Quality:
Yes, Outside	20.9, 0, 0
Pipe Material	Pipe Condition:
Cast Iron Pipe	Fair

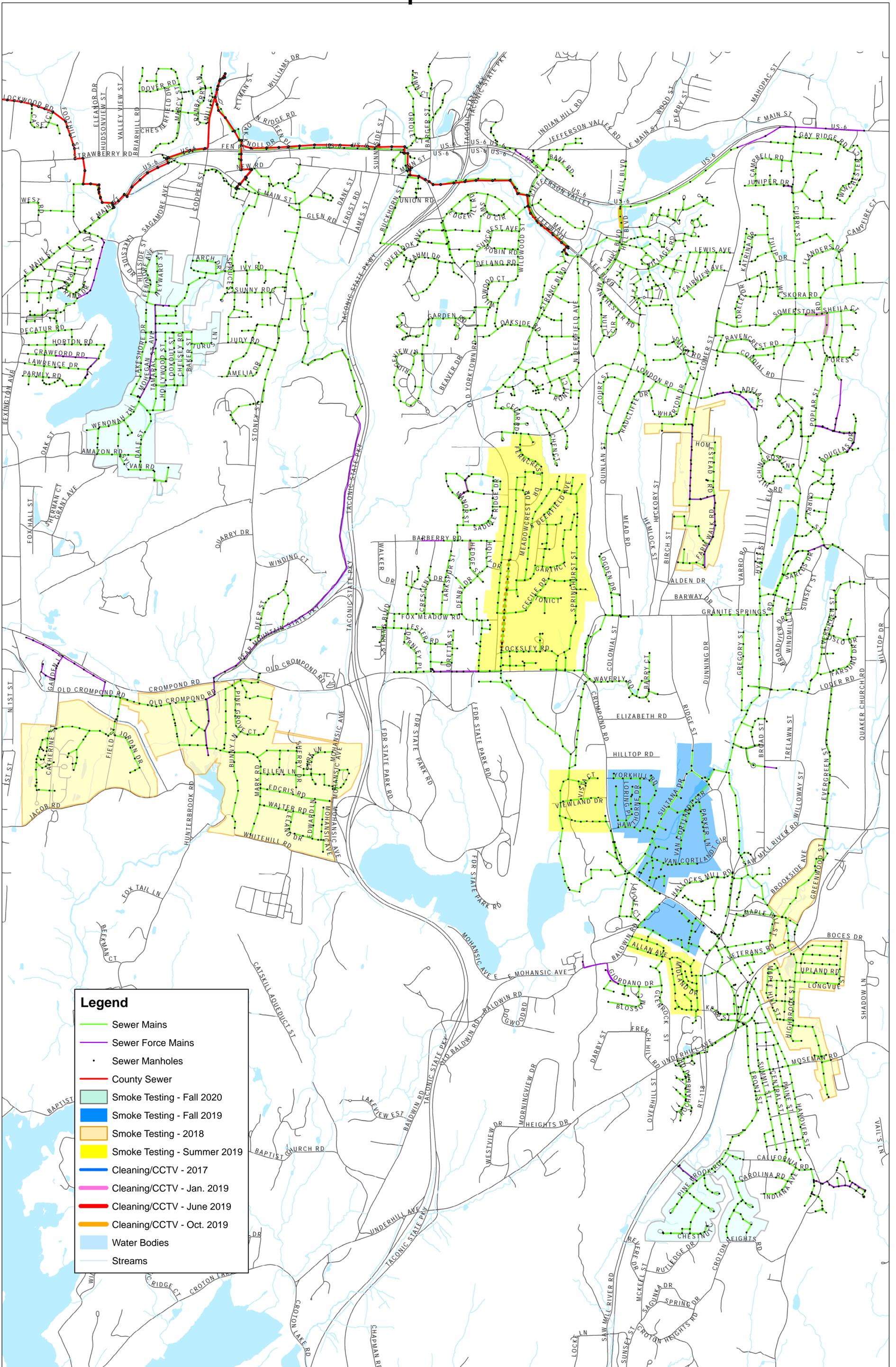
Communication Information:	
Communication Type	Antenna Location
Wireless	Grass (buried)

Additional Site Info. / Comments:
Lat 41.285552 Lon -73.835687 GWG P.O. = 14"

ADS Project Name:	Yorktown EDR TFM 2020
ADS Project Number:	32561.11.325

Appendix C
Sewer Collection System
Operation and Maintenance Maps

Town of Yorktown - Operation and Maintenance



Legend

- Sewer Mains
- Sewer Force Mains
- Sewer Manholes
- County Sewer
- Smoke Testing - Fall 2020
- Smoke Testing - Fall 2019
- Smoke Testing - 2018
- Smoke Testing - Summer 2019
- Cleaning/CCTV - 2017
- Cleaning/CCTV - Jan. 2019
- Cleaning/CCTV - June 2019
- Cleaning/CCTV - Oct. 2019
- Water Bodies
- Streams

Appendix D
Standard Operating Procedure
Attachments

Work Orders Completed - 2020

WOID	Status	Created Date	Completed Date	Closed Date	Title	Description	Type	Priority	Frequency	Street #	Location Street Name	Comments
Department: Sewer												
1640	Closed	1/3/2020 07:22 AM		1/3/2020	Pump Noise	Pump 1 is making a noise while running.	Corrective Maintenance	Urgent	One-Time Event		MILL POND ST.	The volute needed to be changed out. No noise after the new volute was installed. -The old volute appeared to have been hit by the impeller and had pieces missing.
1641	Closed	1/3/2020 10:37 AM		1/3/2020	Pump replacement	Pump 2 is tripping on reset.	Corrective Maintenance	High	One-Time Event		PARMLY RD.	Pump 2 failed the MEG test and needed to be replaced with the spare pump at the station. New pump needed the rail system to be flipped as it was backwards and the pump would not seat on the forcemain flange.
1644	Closed	1/8/2020 07:09 AM		1/8/2020	Spur Locate	Televiser the sewer line to see if this property has a spur.	Corrective Maintenance	High	One-Time Event		FRONT ST.	Mike Mill was present. Cook sanitation was scheduled to help slow the flow from SMH56 to allow the crew to televiser the sewer line
1655	Completed	1/9/2020 08:43 AM	1/9/2020 12:15 PM		Plant Inlet Maintenance	Daily maintenance of cleaning inlet bar screen shall be performed every morning and in the afternoon	Corrective Maintenance	Medium	Daily	2200	GREENWOOD ST.	Clean inlet bar screen daily x2 and empty screening can weekly.
1656	Completed	1/9/2020 08:48 AM	1/9/2020 08:48 AM		pump station wet well cleaning	Utilizing the Town bid sludge hauler or the Towns' Vector truck, clean as much of the grease and accumulated debris from the wet well as possible. Scrape the sides of the well and around pipes to remove as much grease as possible. Pull up floats or the well probe and clean any debris that may have accumulated on them while you are cleaning the well. Make sure the pumps work correctly when the cleaning is done if the well was pumped all the way down.	Corrective Maintenance	High	Monthly		HANOVER ST.	
1662	Closed	1/13/2020 10:44 AM		1/13/2020	Pump clog	Pull the pump and remove the clog.	Corrective Maintenance	Urgent	One-Time Event		SALEM RD.	
1670	Closed	1/16/2020 08:22 AM		1/16/2020	Clean Trickling Filter	Back flush the small trickling filter.	Preventative Maintenance	Low	One-Time Event		GREENWOOD ST.	
1674	Closed	1/21/2020 02:09 PM		1/21/2020	Clogged Pump	Routine rounds indicate the pump needs to be pulled and cleaned of a clog.	Corrective Maintenance	Urgent	One-Time Event		SALEM RD.	
1675	Closed	1/21/2020 02:12 PM		1/21/2020	Broken riser	Reset the lid/riser.	Corrective Maintenance	High	One-Time Event		FENIMORE AVE.	Riser needed to be scrapped and cleaned for the lid to sit correctly.
1687	Closed	1/28/2020 01:28 PM	1/28/2020 01:49 PM	1/28/2020	Install Equipment	Secure comme space permit to enter wet side (inlet) of Hunterbrook Pump station	Corrective Maintenance	Medium	One-Time Event	363	MILL POND ST.	1 Muffin monster grinder
1691	Closed	1/30/2020 09:26 AM		2/11/2020	TV Sewer Line to Find	Televiser in front of this vacant lot to attempt to locate a	Preventative Maintenance	Medium	One-Time Event	2572	GREGORY ST.	
1692	Closed	1/30/2020 12:14 PM		1/30/2020	Influent Sampler	install new tubing and program new sampler for influent samples	Corrective Maintenance	Medium	One-Time Event	2200	GREENWOOD ST.	sampler tubing Tubing Model #D25/027 275X 500X 500
1720	Closed	2/11/2020 01:46 PM	2/19/2020 09:19 AM	2/19/2020	Wet well Cleaning / Walden Pump station	Utilizing the Town bid sludge hauler or the Towns' Vector truck, clean as much of the grease and accumulated debris from the wet well as possible. Scrape the sides of the well and around pipes to remove as much grease as possible.	Preventative Maintenance	Medium	One-Time Event		DOUGLAS DR.	
1722	Closed	2/11/2020 01:53 PM		3/5/2020	Plant Lift Station Pump install	Install repaired pump in Plant lift station	Corrective Maintenance	High	One-Time Event	2200	GREENWOOD ST.	Pump was installed, new water line for mechanical seal with sediment filter on the water line new pressure gauge installed.
1723	Closed	2/11/2020 01:56 PM		2/19/2020	YHWPC Main pump repair	remove damaged pump for repairs and replace when repairs are made	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	

1733	Completed	2/13/2020 10:48 AM	2/13/2020 02:03 PM		wet well cleaning	Optimizing the Town old sludge hauler or the Towns tractor truck, clean as much of the grease and accumulated debris from the wet well as possible. Scrape the sides of the well.	Corrective Maintenance	Medium	Monthly		CROMPOND RD	clean wet wells Chalet ,Mohegan West, Mohansic pump stations
1751	Closed	2/24/2020 01:55 PM		2/24/2020	Resident Sewer Concern	Resident from 2396 called stating sewer is backing up into her house and water is pouring out from around the manhole in her back yard.	Preventative Maintenance	Urgent	One-Time Event		CROMPOND RD	WPC personnel responded, inspected and televised the line. The problem appears to be with the home owners lateral. The crew (Kyle G and Mike M) provided the home owner with a copy of the sewer permit on file with the Engineering department and verified no issues
1764	Closed	3/2/2020 11:09 AM		3/2/2020	Pump Station Emergency	Amperage readings are high. Turn the pump and remove the grease.	Corrective Maintenance	Urgent	One-Time Event	0	SALEM RD.	During routine rounds, amperage readings were high consistent with the crew pulling
1765	Closed	3/2/2020 11:13 AM		3/2/2020	Belt Filter Press belt replacement	Crew replaced upper and lower belts and corrected a lower belt tracking issue. (parts need to be order to make a more permanent correction to the tracking issue)	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	1 upper belt and 1 lower belt. 1 wear plate for the belt tracking.
1770	Closed	3/4/2020 03:16 PM		3/5/2020	Bar Screen Dumpster	Empty and clean area around dumpster of any waste debris	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	Per Ed Mahoney
1771	Closed	3/4/2020 03:21 PM		3/5/2020	primary tank weirs and grease cleaning	skim grease and hose weairs	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	Per Ed Mahoney
1772	Closed	3/4/2020 03:25 PM		3/6/2020	trickling filter cleaning and greasing	clean, hose and grease both large and small trickling filters	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	Kyle skimmed the large and small primary. Per Ed Mahoney
1780	Closed	3/6/2020 08:06 AM		3/6/2020	Resident concern	Resident at 2396 Crompond road called engineering department reporting a back up.	Corrective Maintenance	Urgent	One-Time Event		CROMPOND RD	Crew responded and found the Town sewer line flowing normally. There was no indication of a surging manhole or invert at any time. Crew indicated that the problem was once again with the home owners lateral and they need to have a plumber correct the problem. Home owner obtain verbal permission from Engineering to excavate and
1799	Completed	3/31/2020 08:53 AM	3/31/2020 08:54 AM		pump install	install progressive cavity Pump .	Corrective Maintenance	Urgent	One-Time Event		FARM WALK RD.	progressive cavity pump #2 was not pumping on arrival
1800	Closed	3/31/2020 09:00 AM	3/31/2020 02:11 PM	4/28/2020	volute inspection	remove pumps 1&1A inspect impener and volute , remove any debris , seals , etc.	Preventative Maintenance	High	One-Time Event		MILL POND ST.	check valve #1 was stuck in the open position causing the force main to flow backwards
1804	Closed	4/3/2020 07:46 AM	4/3/2020 07:46 AM	4/28/2020	Pump Station Emergency	check valve piston install	Corrective Maintenance	Urgent	One-Time Event		MILL POND ST.	check valve not operating properly (wouldn't close on command) . seals in piston actuator valve worn. trying to order seal kits.
1806	Closed	4/6/2020 09:44 AM		4/6/2020	Skim primary tank grease	Skim the grease from the primary tanks	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1807	Closed	4/6/2020 09:46 AM		4/6/2020	Grease primary tanks	Grease the bearings on the primary tanks (large and small)	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	

1808	Closed	4/6/2020 09:48 AM		4/7/2020	Replace belt press tracking cylinder	Replace the upper belt tracking cylinder on Press #2	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	Old tracking cylinder was noted as leaking during recent belt replacement.
1809	Closed	4/6/2020 09:50 AM		4/6/2020	Replace microtork valve	replace lower belt microtork valve on press #2	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	microtork was noted as leaking during recent belt replacement
1810	Closed	4/6/2020 10:02 AM		4/6/2020	Belt press Truck conveyor repair	Belt press truck conveyor is ripping at the zipper -replace the bad section and adjust the tracking	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	Truck conveyor frame was found to be the cause of the rip. The frame had been worn down on the belt path and caused sharp sections.
1811	Closed	4/6/2020 10:14 AM		4/6/2020	Belt press sludge pump clog	Remove the clog from belt press sludge pump #2	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
1812	Closed	4/6/2020 10:16 AM		4/6/2020	Influent dumpster	Clean the influent dumpster	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1813	Closed	4/6/2020 10:17 AM		4/15/2020	Influent dumpster	Clean the influent dumpster	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1814	Closed	4/6/2020 10:18 AM		4/6/2020	Primary tank grease	skim the primary tanks grease	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1815	Closed	4/6/2020 10:20 AM		4/6/2020	Digester transfer	Transfer digester sludge from P2 to the SEC	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
1816	Closed	4/6/2020 10:21 AM		4/6/2020	Digester transfer	Transfer sludge from P2 to SEC	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1817	Closed	4/7/2020 07:55 AM		4/7/2020	Belt Press hydraulic repair	repair upper belt hydraulic pressure control needle valve	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
1818	Closed	4/7/2020 07:57 AM		4/7/2020	Belt press Polymer system	Repair the polymer system Rotameter -At some point in the past the rotameter became fouled and needs to be disassembled and cleaned to be able to correctly see the water volume being fed to the polymer system Clean out the polymer injection ports and feed lines going to the venturi valve due to the same build up from the past	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
1819	Closed	4/7/2020 08:30 AM		4/7/2020	Pump bearing check	Take temperatures of the pump motor and pump bearings, record data and ensure they are within O&M specs and	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1820	Closed	4/7/2020 08:31 AM		4/7/2020	Digester heat exchanger	Change the fuel oil filter on the digester P2 unit	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
1821	Closed	4/7/2020 08:47 AM		4/7/2020	Skim primary tank grease	Skim the large and small primary tank grease	Preventative Maintenance	Low	One-Time Event		GREENWOOD ST.	
1822	Closed	4/7/2020 12:02 PM		4/7/2020	Belt press control switch repair	reset the control switch potentiometer that was not adjusting speed on belt press #2.	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	switch was not connected to the base unit
1823	Closed	4/8/2020 10:29 AM		4/8/2020	Belt press under drain	Shovel out the accumulated sludge from the under drain of BFP#2	Preventative Maintenance	Low	One-Time Event		GREENWOOD ST.	
1824	Closed	4/8/2020 10:31 AM		4/8/2020	Belt press truck conveyor	Install a shield to prevent cake from falling off the truck conveyor when it falls from the discharge conveyor.	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	This will prevent unnecessary accumulation of cake on the foot path around the conveyor.
1825	Closed	4/8/2020 12:05 PM		4/8/2020	Primary tank old concrete stairs	Remove the old concrete stairs from around the primary tank (previously done at earlier date)	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	

1826	Closed	4/8/2020 12:06 PM		4/8/2020	RBC greasing	Clean and grease the RBC bearings	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1827	Closed	4/8/2020 01:14 PM		4/8/2020	Belt press truck conveyor	when the dumpster is removed, remove the accumulated solids from behind the dumpster from up against the wall	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
1830	Closed	4/9/2020 07:59 AM		4/9/2020	Primary tank grease	skim the grease around the primary tanks	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1831	Closed	4/9/2020 08:01 AM		4/9/2020	Influent dumpster	Dump the mechanical bar screen dumpster	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
1832	Closed	4/9/2020 08:02 AM		4/9/2020	Mechanical bar screen greasing	with the dumpster removed - grease the mechanical bar screen	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1833	Closed	4/9/2020 08:15 AM		4/9/2020	Digester transfer	Transfer from P2 to SEC tank in the digester	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
1834	Closed	4/13/2020 01:49 PM		4/13/2020	Belt press truck conveyor	Repair the truck conveyor, the belt guide bar is broken	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	New guide bar was made. A new conveyor would be ideal - current conveyor is rotting apart.
1835	Closed	4/14/2020 09:46 AM		4/14/2020	Primary tank grease	Skim the grease around the primary tanks	Preventative Maintenance	Low	One-Time Event		GREENWOOD ST.	
1836	Closed	4/14/2020 09:48 AM		4/14/2020	Belt press	repair the doctor blades on the upper and lower belts - while waiting for a dumpster swap out	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	doctors blades need to be order. chunks are missing
1837	Closed	4/14/2020 12:12 PM		4/14/2020	Belt filter press	Clean out the internal drain system and the under drain system of BFP#2 while awaiting a dumpster swap out Perform a visual walk around, look for improper wear, hydraulic leaks and note parts needed for	Preventative Maintenance	Low	One-Time Event		GREENWOOD ST.	doctor blades need replacement - can not be properly rehabbed (chunks missing). guide bars are worn down and should be replaced soon. Shower box seals need to be replaced soon.

1838	Closed	4/15/2020 10:08 AM		4/16/2020	Belt press greasing	Grease BFP #2 and the discharge conveyor	Preventative Maintenance	Low	One-Time Event		GREENWOOD ST.	Belt press #2 hours 7157
1839	Closed	4/17/2020 09:13 AM		4/17/2020	Primary tank grease	Skim the grease around the primary tanks	Preventative Maintenance	Low	One-Time Event		GREENWOOD ST.	
1840	Closed	4/17/2020 01:02 PM		4/17/2020	Inlet dumpster	Empty the inlet dumpster	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
1841	Closed	4/17/2020 01:56 PM		4/17/2020	Tricking filter back flushing	Back flush the small tricking filter feed and remove the accumulated debris in the line with Cook sanitation	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
1842	Closed	4/17/2020 01:57 PM		4/17/2020	Lawn maintenance	Mow and weed whack the plant grounds	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1843	Closed	4/17/2020 01:58 PM		4/17/2020	Digester roof	Hose off the floating roof on the P2 digester	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
1844	Closed	4/17/2020 02:01 PM		4/17/2020	Wet well cleaning	Utilizing the Town bid sludge hauler or the Towns' Vector truck, clean as much of the grease and accumulated debris from the wet well as possible. Scrape the sides of the well and around pipes to remove as much grease as possible. Pull up floats or the well probe and clean any debris that may have accumulated on them while you are cleaning the well. Make sure the pumps work correctly when the cleaning is done if the well was pumped all the way down.	Corrective Maintenance	High	One-Time Event		WELLINGTON CT.	
1846	Closed	4/20/2020 10:39 AM		4/20/2020	Inlet hosing	Hose down the inlet from all accumulated debris.	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
1849	Closed	4/20/2020 01:01 PM		4/20/2020	Belt press alarm	Belt press #2 alarm went off. Respond and correct	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	Belt tracking limit switch was tripped. Belt was re-centered manually and then ran to
1850	Closed	4/20/2020 01:02 PM		4/20/2020	Primary tank grease	Skim the primary tank grease on the large and small tanks.	Preventative Maintenance	Low	One-Time Event		GREENWOOD ST.	
1852	Closed	4/21/2020 12:34 PM		4/21/2020	Belt Press truck conveyor	Repair the truck conveyor - a rip has developed and is causing the belt to slip and run off center.	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	New piece cut, new zippers installed, re pin and run to ensure tracking
1853	Closed	4/23/2020 09:37 AM		4/23/2020	Pump clogg	Pull the pump and remove the clog	Corrective Maintenance	Urgent	One-Time Event		SALEM RD.	
1854	Closed	4/23/2020 09:39 AM		4/23/2020	Belt press polymer room	Clear the clog in the polymer system	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	New O-ring on the suction side, old one was torn
1855	Closed	4/23/2020 09:46 AM		4/23/2020	Microfiltration building	Replace Festo pneumatic valve on Train 5	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
1856	Closed	4/23/2020 11:28 AM		4/23/2020	Primary tank grease	Skim the primary tank grease on the large and small tanks	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	Belt press polymer room problem caused an excess build up in the grease trough and needs

1857	Closed	4/23/2020 11:29 AM		4/23/2020	Inlet dumpster	Dump the inlet dumpster	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1858	Closed	4/23/2020 11:30 AM		4/23/2020	Digester transfer	transfer from P2 to the SEC	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1859	Closed	4/24/2020 09:48 AM	4/24/2020 09:48 AM	4/28/2020	Wet Well cleaning	Using the town old sludge hauler or the Towns vactor truck clean as much of the grease and accumulated debris	Corrective Maintenance	High	One-Time Event		LAKEFRONT AVE.	
1860	Closed	4/24/2020 11:45 AM		4/24/2020	Digester transfer	Transfer from P2 to the SEC tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1861	Closed	4/25/2020 08:33 AM	4/25/2020 08:33 AM	4/28/2020	wet well cleaningf	Using the town old sludge hauler or the Towns vactor truck, clean as much of the grease and accumulated debris	Corrective Maintenance	High	Monthly		CROMPOND RD	
1862	Closed	4/25/2020 08:36 AM	4/25/2020 08:36 AM	4/28/2020	check valve	After the pumps run a complete cycle turn the controls to off sewer main or sewer system in search of homeowner	Corrective Maintenance	High	Weekly		FARM WALK RD.	
1863	Closed	4/25/2020 08:42 AM	4/25/2020 08:42 AM	4/28/2020	Lateral Location	off sewer main or sewer system in search of homeowner cover lateral	Corrective Maintenance	Medium	One-Time Event		BEVERLY ST.	No Lateral found
1864	Closed	4/27/2020 08:14 AM		4/27/2020	Belt press cleaning	Shovel out accumulated sludge from the drip pans and the under drain system of the BFP #2	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
1865	Closed	4/27/2020 11:42 AM		4/27/2020	Belt press shower box	Shower box on press #1 is not draining. Clean the box out of the accumulated debris	Corrective Maintenance	Low	One-Time Event		GREENWOOD ST.	
1869	Closed	4/28/2020 12:56 PM		4/28/2020	Trickling Filter	Clean the perimeter of the large trickling filter of the accumulated grass and leaves	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1870	Closed	4/28/2020 12:57 PM		4/28/2020	Primary tank grease	skim the large and small primary tank grease	Preventative Maintenance	Low	One-Time Event		GREENWOOD ST.	
1871	Closed	4/28/2020 12:58 PM		5/6/2020	Lawn Maintenance	Mow and weed whack the lawn at the plant	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1872	Closed	4/28/2020 01:00 PM		6/9/2020	Fence line clearing	Clear the fence line by the lift station	Preventative Maintenance	Low	One-Time Event		GREENWOOD ST.	4/28 4/30 before dumpster goes
1875	Closed	4/30/2020 12:08 PM		4/30/2020	Inlet dumpster	Empty the inlet dumpster	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1876	Closed	4/30/2020 12:10 PM		4/30/2020	Belt press polymer pump	Clean out the polymer pump acrylic check-valve and transfer polymer to the standby tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	Stand by tank was low and needed to be refilled while system was offline the polymer
1877	Closed	5/1/2020 08:31 AM		5/1/2020	primary tank grease	skim the large and small primary tank grease	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1878	Closed	5/1/2020 08:42 AM		5/1/2020	Digester transfer	Transfer from P2 to the SEC	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
1879	Closed	5/1/2020 12:25 PM		5/1/2020	Belt press Feed box	Feed box on BFP #2 is not turning - nothing is flowing onto the belt	Corrective Maintenance	Urgent	One-Time Event		GRANVILLE CT.	Feed box was assembly disassembled, cleaned and reinstalled. Feed box was also cleaned out and is now working
1880	Closed	5/4/2020 12:01 PM		5/4/2020	Clean the floats	Clean the floats of all accumulated grease	Preventative Maintenance	Medium	One-Time Event		WELLINGTON COURT	

1881	Closed	5/4/2020 12:03 PM		5/4/2020	Clean the floats	Clean the floats of all accumulated grease	Preventative Maintenance	Medium	One-Time Event		OLD COUNTRY WAY	
1882	Closed	5/4/2020 12:05 PM		5/4/2020	Clean the floats	Clean the floats of all accumulated grease	Preventative Maintenance	Medium	One-Time Event		GRANITE SPRINGS RD.	
1883	Closed	5/4/2020 12:49 PM		5/4/2020	Primary tank	Skim the large and small primary tank grease	Preventative Maintenance	Low	One-Time Event		GREENWOOD ST.	
1884	Closed	5/4/2020 12:57 PM		5/4/2020	Primary tank grease skimming arm	Remove the accumulated rags and hair that is wound around the grease skimming arm	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1889	Closed	5/6/2020 10:11 AM		5/6/2020	Lawn maintenance	Mow and weed whack the grounds of the plant	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1890	Closed	5/7/2020 09:08 AM		5/7/2020	Belt press under drain	Shovel out accumulated debris from DEP #2 under drain	Preventative Maintenance	Low	One-Time Event		GREENWOOD ST.	
1892	Closed	5/8/2020 08:09 AM		5/8/2020	Primary tank grease	Skim the large and small primary tank grease	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1895	Completed	5/9/2020 08:36 AM	5/9/2020 08:36 AM		Pump Station Check	Hunterbrook pump station pumps 1&1A check valve inspection.	Corrective Maintenance	High	One-Time Event		MILL POND ST.	
1896	Completed	5/9/2020 08:40 AM	5/9/2020 08:40 AM		Pump Station Check	Remove pump 2 from wet well . Remove rags from pump . reinstall pump 2 to wet well .	Corrective Maintenance	High	One-Time Event		SALEM RD.	
1897	Closed	5/11/2020 08:09 AM		5/11/2020	Belt press conveyor	Repair the truck conveyer -Rubber guide bar tore and wrapped around roller. Belt is hitting the metal frame	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	Made a new rubber guide bar and reinstalled-belt is no longer hitting the metal frame

1898	Closed	5/11/2020 09:53 AM		5/28/2020	Pump bearing check	Take temperatures of the pump motor and pump bearings, record data and ensure they are with-in O&M specs and trend with existing data.	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1899	Closed	5/11/2020 09:54 AM		5/11/2020	Primary tank grease	Skim the grease around the large and small primary tanks	Preventative Maintenance	Low	One-Time Event		GREENWOOD ST.	
1900	Closed	5/12/2020 10:55 AM		5/12/2020	Belt press truck conveyor	replace the discharge scraper brush bar.	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1901	Closed	5/12/2020 10:57 AM		5/12/2020	Lawn Maintenance	mow and weed whack the lawn	Preventative Maintenance	Low	One-Time Event		GREENWOOD ST.	
1902	Closed	5/13/2020 10:56 AM		5/13/2020	Belt filter press	shower the under drain system of an accumulated debris	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1903	Closed	5/13/2020 10:59 AM		5/13/2020	Trickling filter	remove the growth from around the distributor base of the large trickling filter	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
1904	Closed	5/18/2020 10:25 AM		5/18/2020	Belt press polymer refill	Refill the polymer transfer tank	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
1905	Closed	5/18/2020 10:26 AM		5/18/2020	Primary tank grease hoppers	Drain the grease hopper on the large and small primary tank	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
1906	Closed	5/18/2020 10:28 AM		5/18/2020	Primary tank grease	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1907	Closed	5/18/2020 10:46 AM		5/18/2020	Manhole spill	normal flow again.	Corrective Maintenance	Urgent	One-Time Event		SMITH RD.	5/19/2020 Resident complaint of a sewer smell from Jefferson village was received.
1908	Closed	5/18/2020 10:55 AM		5/18/2020	Manhole inspectoin	After the 5/18/2020 spill - walk into the woods - pop the manhole and check for any debris	Preventative Maintenance	High	Daily		SMITH RD.	Conke will have been performing the visual inspections
1909	Closed	5/18/2020 10:58 AM		5/18/2020	Manhole Check	remove roots and tags that have accumulated on the bench from the 5/6/2020 emergency flushing	Corrective Maintenance	Urgent	One-Time Event		SMITH RD.	
1911	Closed	5/18/2020 11:48 AM		5/18/2020	Lateral locate	Locate the lateral	Corrective Maintenance	Medium	One-Time Event		OLD YORKTOWN RD	Mike Mill was present
1912	Closed	5/18/2020 11:51 AM		5/18/2020	Pump clog	run the pump and remove the clog.	Corrective Maintenance	Urgent	One-Time Event		SALEM RD.	
1913	Closed	5/19/2020 12:24 PM		5/19/2020	Lawn Maintenance	Mow and weed whack the plant lawn	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1914	Closed	5/19/2020 12:26 PM		5/19/2020	Belt press room	Remove accumulated debris from the lower belt shower box drip pan and box from BFP#2	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
1915	Closed	5/19/2020 12:27 PM		5/19/2020	Primary tank gear reducer	Grease the Large and small primary drive mechanisms.	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1918	Closed	5/21/2020 07:34 AM		5/21/2020	Digester transfer	Transfer digested sludge from P2 to the SEC tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1924	Closed	5/22/2020 09:35 AM		5/22/2020	Primary tank grease	Skim the large and small primary tank grease	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1925	Closed	5/22/2020 09:36 AM		5/22/2020	Primary tank weirs	Remove the obstructions blocking the flow from the large and small primary tank weirs	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1927	Closed	5/22/2020 10:20 AM		5/22/2020	Inlet dumpster	Clean the inlet dumpster	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1929	Closed	5/26/2020 09:44 AM		5/26/2020	Primary tank grease	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1932	Closed	5/27/2020 10:07 AM		5/27/2020	Lawn maintenance	Mow and weed whack the plant grounds	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1938	Closed	5/29/2020 01:50 PM		5/29/2020	Primary tank grease	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1939	Closed	5/29/2020 01:52 PM		5/29/2020	Primary tank grease hoppers	Drain the grease hoppers to make room.	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
1940	Closed	5/29/2020 01:53 PM		5/29/2020	Alarm Response	Clean the inlet dumpster	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
1942	Closed	6/1/2020 11:12 AM		6/1/2020	Primary tank grease	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1944	Closed	6/2/2020 12:12 PM		6/2/2020	RBC cleaning	remove as much of the vegetation from around the RBC covers as possible	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
1945	Closed	6/3/2020 08:21 AM		6/3/2020	Trickling Filter	Remove as much of the grass growing in the media as you can.	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
1946	Closed	6/3/2020 11:44 AM		6/3/2020	RBC	remove vegetation growing on the discharge side of RBCs	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1949	Closed	6/4/2020 08:40 AM		6/4/2020	Primary tank grease	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1950	Closed	6/4/2020 01:39 PM		6/4/2020	Inlet dumpster	Dump the inlet dumpster	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	

1960	Closed	6/8/2020 11:38 AM		6/8/2020	Primary tank weirs	Remove the accumulated vegetation that fell into the large primary tank over the weekend.	Corrective Maintenance	High	One-Time Event		GRANVILLE CT.	
1961	Closed	6/8/2020 01:41 PM		6/8/2020	Primary tank grease	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1962	Closed	6/9/2020 10:48 AM		6/9/2020	Pump bearing check	Measure bearing temperatures on the lift station #3 pump and MCB #1 pump	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1963	Closed	6/9/2020 10:50 AM		6/9/2020	Lawn Maintenance	Mow and weed whack the plant grounds	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1964	Closed	6/9/2020 11:34 AM		6/9/2020	Wetwell repair	Repair the hatch door and the pump rail in the wet well	Corrective Maintenance	Urgent	One-Time Event		OLD COUNTRY WAY	
1965	Closed	6/10/2020 09:36 AM		6/10/2020	Large trickling filter	Remove vegetation growing in the media around the perimeter of the large trickling filter	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1966	Closed	6/10/2020 09:40 AM		6/10/2020	Large trickling filter	Remove the tree growing out of the large trickling filter effluent grate	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
1967	Closed	6/11/2020 08:25 AM		6/11/2020	Primary tank grease	Skim the grease around the large and small primary tank before the rain	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1968	Closed	6/11/2020 08:26 AM		6/11/2020	Exercise generator	Exercise the trailer generators	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
1974	Closed	6/11/2020 12:04 PM		6/11/2020	Small trickling filter	rose on the distributor arms	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
1975	Closed	6/11/2020 12:06 PM		6/11/2020	Secondary tank scum vault	Clean out the secondary scum vault with the town bid scum hauler (Cook)	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1979	Closed	6/15/2020 11:35 AM		6/15/2020	Belt press	Clean out the under drain system of accumulated debris	Preventative Maintenance	Low	One-Time Event		GREENWOOD ST.	
1980	Closed	6/15/2020 11:36 AM		6/15/2020	Primary tank grease	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1982	Closed	6/16/2020 07:39 AM	6/16/2020 07:41 AM	6/26/2020	Other	Installed new flap on suction check valve for pump 1.	Corrective Maintenance	Medium	Yearly		EAST MAIN ST.	
1983	Closed	6/16/2020 12:10 PM		6/16/2020	Belt press polymer room	Clog in the polymer pump acrylic check valve and in the Dynablend check valve	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
1984	Closed	6/16/2020 12:11 PM		6/16/2020	Lawn Maintenance	mow and weed whack the grounds	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1988	Closed	6/17/2020 08:20 AM		6/17/2020	Primary tank grease	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1989	Closed	6/17/2020 02:11 PM	6/17/2020 02:11 PM	6/26/2020	Other	Contractors pump station- Installed suction flap on pump 2.	Corrective Maintenance	Medium	Yearly		EAST MAIN ST.	
1990	Closed	6/18/2020 08:44 AM		6/18/2020	Primary tank weirs	Clean the weirs around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1993	Closed	6/19/2020 08:03 AM		6/19/2020	Primary tank grease	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
1994	Closed	6/19/2020 08:04 AM		6/19/2020	Wet well cleaning	Utilizing the Town bid sludge hauler or the Towns' vector truck, clean as much of the grease and accumulated debris from the wet well as possible. Scrape the sides of the well	Preventative Maintenance	Medium	One-Time Event		WELLINGTON CT.	
1995	Closed	6/19/2020 08:06 AM		6/19/2020	Wet well cleaning	Utilizing the Town bid sludge hauler or the Towns' vector truck, clean as much of the grease and accumulated debris from the wet well as possible. Scrape the sides of the well	Preventative Maintenance	Medium	One-Time Event		OLD COUNTRY WAY	
1996	Closed	6/19/2020 08:07 AM		6/19/2020	Wet well cleaning	Utilizing the Town bid sludge hauler or the Towns' vector truck, clean as much of the grease and accumulated debris from the wet well as possible. Scrape the sides of the well	Preventative Maintenance	Medium	One-Time Event		GRANITE SPRINGS RD.	
1997	Closed	6/19/2020 08:08 AM		6/19/2020	Wet well cleaning	Utilizing the Town bid sludge hauler or the Towns' Vector truck, clean as much of the grease and accumulated debris from the wet well as possible. Scrape the sides of the well	Preventative Maintenance	Medium	One-Time Event		DOUGLAS DR.	
1998	Closed	6/19/2020 09:05 AM		6/19/2020	Inlet dumpster	Clean the inlet dumpster	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2005	Closed	6/24/2020 09:16 AM		6/24/2020	Primary tank grease	Skim the grease around the large and small primary tank	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2006	Closed	6/25/2020 08:42 AM		6/25/2020	Inlet transducer	Clean wet well and remove accumulated grease and debris that have caused the transducer to lift and give an incorrect reading	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	

2007	Closed	6/25/2020 08:54 AM		6/25/2020	Primary tank weirs	Remove debris from around the weirs of the large and small primary tanks	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2008	Closed	6/25/2020 01:42 PM		6/26/2020	Manhole vandilized	Manhole lid was removed and lid was stolen - rocks/metal and garbage were thrown into the manhole causing a spill. Crew responded and pulled all the rocks/metal and garbage	Corrective Maintenance	Urgent	One-Time Event		TACONIC STATE PKWY.	Mike Mill was there Yorktown Police present
2011	Closed	6/26/2020 07:49 AM		6/26/2020	Belt press truck conveyor	Grease the truck conveyor Lubricate the drive chain	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2012	Closed	6/26/2020 08:05 AM		6/26/2020	Primary tank grease	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2013	Closed	6/26/2020 09:27 AM		6/26/2020	Primary tank weirs	Clean the large and small primary tank weirs	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2014	Closed	6/26/2020 12:00 PM		6/26/2020	Small trickling filter	Back flush the under drain system and remove an accumulated debris using Town bid septic hauler.	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2015	Closed	6/26/2020 12:02 PM		6/26/2020	Secondary tank scum box	clean out the scum box	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2016	Closed	6/26/2020 12:03 PM		6/26/2020	Digester roof	Inspect for and if necessary clean off any debris from the P2 digester floating roof	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2019	Closed	6/26/2020 02:08 PM		6/26/2020	Inlet dumpster	Clean the inlet dumpster	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2020	Closed	6/26/2020 02:11 PM		6/26/2020	Secondary Clarifier	Repair the skimmer on the secondary tank next to the micro building generator generator.	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2022	Closed	6/29/2020 10:45 AM		6/29/2020	Primary tank grease	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2023	Closed	6/30/2020 01:33 PM		6/30/2020	Large trickling filter vegetation	Remove as much of the vegetation growing on the media around the perimeter of the large trickling filter.	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2024	Closed	6/30/2020 01:51 PM		6/30/2020	Replace manhole bell and lid	Replaced manhole bell and lid with a locking man hole lid. lag the bell to the concrete riser.	Corrective Maintenance	Urgent	One-Time Event		TACONIC STATE PKWY.	
2026	Closed	7/1/2020 08:11 AM		7/1/2020	Pump bearing check	Check the bearing temperature of the Lift station pump #3 Check the motor temperature and running amperage Check the mechanical seal temperature	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2027	Closed	7/1/2020 09:52 AM		7/1/2020	Primary tank grease	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2028	Closed	7/1/2020 09:54 AM		7/1/2020	Primary tank weirs	Clean the primary tank weirs	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2029	Closed	7/2/2020 09:13 AM		7/2/2020	Inlet dumpster	Clean the inlet dumpster	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	Cleaned early for 3 day weekend
2030	Closed	7/2/2020 09:14 AM		7/2/2020	Primary tank grease	Skim the grease around the large and small primary tank	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2031	Closed	7/2/2020 09:16 AM		7/2/2020	RBC covers	Safely remove as much vegetation from around the RBC covers	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2032	Closed	7/2/2020 09:17 AM		7/2/2020	Trickling filter vegetation	Remove as much of the vegetation from around the outer perimeter of the large and small trickling filter as possible	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2034	Closed	7/6/2020 09:09 AM		7/6/2020	Primary tank weirs	Clean the large and small primary tank weirs	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	

2035	Closed	7/6/2020 09:10 AM		7/6/2020	Primary tank grease	Skim the grease around the large and small primary tank	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2039	Closed	7/7/2020 08:44 AM		7/7/2020	Lawn Maintenance	Weed wack the plant grounds	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2040	Closed	7/7/2020 11:45 AM		7/7/2020	Small trickling filter	Back flush the small trickling filter and remove built up debris in the influent pipe	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2041	Closed	7/7/2020 11:46 AM		7/7/2020	Flush truck leader hose	Replace the leader hose	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	Current hose is torn and not safe for use
2045	Closed	7/8/2020 09:20 AM		7/8/2020	Primary tank grease	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2046	Closed	7/8/2020 09:21 AM		7/8/2020	Primary tank bearing	Grease the large and small primary tank drive mechanism	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2047	Closed	7/8/2020 09:22 AM		7/8/2020	RBC vegetation	remove as much vegetation from the RBC covers and grates as safely possible	Corrective Maintenance	Low	One-Time Event		GREENWOOD ST.	
2048	Closed	7/8/2020 11:59 AM		7/8/2020	Digester heat exchanger P2	install new ruer inter assembly on the P2 heat exchanger	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
2052	Closed	7/9/2020 10:38 AM		7/9/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank in preparation for the coming rain storm	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2053	Closed	7/9/2020 11:09 AM		7/9/2020	Inlet dumpster	Clean the inlet dumpster	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2055	Closed	7/9/2020 01:41 PM		7/9/2020	Belt filter press	Push out the drain system using the nose brow bag -Polymer room	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2056	Closed	7/10/2020 08:16 AM		7/10/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2057	Closed	7/13/2020 07:52 AM		7/13/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2058	Closed	7/13/2020 07:54 AM		7/13/2020	Primary tank grease hoppers	Lower the grease hoppers	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2059	Closed	7/13/2020 08:21 AM		7/13/2020	Trickling filter	Remove as much vegetation as you can from the outer perimeter of the large and small trickling filter	Corrective Maintenance	Low	One-Time Event		GREENWOOD ST.	
2060	Closed	7/13/2020 09:03 AM		7/13/2020	RBC	Remove as much vegetation from around the RBC covers as safely can be removed	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2065	Closed	7/15/2020 10:51 AM		7/15/2020	UV disinfection	Change out the bulbs and lenses in UV Bank 2 A.	Preventative Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
2066	Closed	7/16/2020 07:06 AM		8/24/2020	Inlet structure cleaning	Hose down the mechanical bar screen and upper pad over the inlet Hose down the walk way and grates inside the inlet Hose off as much of the accumulated debris from around inlet pump #3	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2067	Closed	7/16/2020 10:05 AM		7/16/2020	Primary tank grease skimming	Skim the grease around the large primary tank	Preventative Maintenance	Low	One-Time Event		GREENWOOD ST.	
2068	Closed	7/16/2020 10:06 AM		7/16/2020	Digester Recirc pump	remove clog from the digester recirc pump.	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
2072	Closed	7/16/2020 01:46 PM		7/16/2020	Inlet dumpster	Clean the inlet dumpster	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	

2073	Closed	7/16/2020 01:54 PM		7/16/2020	Inlet can	Clean the inlet can	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2075	Closed	7/17/2020 07:58 AM		7/24/2020	Primary tank grease skimming	Skim the grease around BOTH the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2080	Closed	7/20/2020 08:13 AM		7/20/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2087	Closed	7/23/2020 09:00 AM		7/23/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2088	Closed	7/23/2020 09:02 AM		7/23/2020	Trickling filter back flush	Back flush the small trickling filter	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2089	Closed	7/23/2020 12:48 PM		7/23/2020	Belt filter truck conveyor	Repair truck conveyor	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
2092	Closed	7/24/2020 12:00 PM		7/24/2020	Inlet dumpster	Clean the inlet dumpster	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2093	Closed	7/24/2020 12:05 PM		7/24/2020	Possible back up	Inspect town main line and ensure it is flowing. Caller (Dean) states bathroom toilets in basement spilled onto the floor and no one has been in the Church using the water or toilets.	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	Sewer line was found to be flowing and no signs of surging was observed. Problem appears to be on the owners side. Work being performed at the site - Mike Carducci was responding employee - program keeps changing and adding names
2094	Closed	7/24/2020 12:18 PM		7/24/2020	Possible back up	Home owner (Koxanna) states the line is backing up into the house	Corrective Maintenance	Urgent	One-Time Event		WESKORA RD.	Town main line was observed to be flowing normally with no signs of surging/backing up
2097	Closed	7/27/2020 08:44 AM		7/27/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2098	Closed	7/27/2020 10:11 AM		7/27/2020	Belt filter press deck	Seal the belt press deck with water/UV seal	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2102	Closed	7/28/2020 08:45 AM		7/28/2020	Belt filter press	Repair rubber guide bar on the truck conveyor	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
2103	Closed	7/28/2020 08:48 AM		7/28/2020	Manhole Check	Dept head - Mike Quinn called Mike Carducci regarding a home owner complaint of water in man hole. Mike C	Corrective Maintenance	Urgent	One-Time Event		FERNCREST DR.	
2108	Closed	7/29/2020 09:51 AM		7/29/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2109	Closed	7/29/2020 09:52 AM		7/29/2020	Primary tank weirs	Clean the large and small primary tank weirs of accumulated debris prevent over flow across the weirs	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2110	Closed	7/29/2020 09:57 AM		7/29/2020	Primary tank weirs	Hose down the large and small primary tank weirs of accumulated growth	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2111	Closed	7/29/2020 10:00 AM		7/29/2020	Trickling filter cleaning	Hose down the large and small trickling filters distributor arms and remove as much growth as possible	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	Truck hydraulic oil was good and visible in the sight glass. Truck was refilled with
2112	Closed	7/31/2020 11:10 AM		7/31/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2113	Closed	7/31/2020 11:11 AM		7/31/2020	Primary tank grease skimming	Drain the grease hoppers to make room for grease skimming	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2114	Closed	8/1/2020 07:48 AM	8/24/2020 01:09 PM	8/24/2020	wet well cleaning	Utilizing the Town bid sludge hauler or the Towns' Vector truck, clean as much of the grease and accumulated debris from the wet well as possible. Scrape the sides of the well and around pipes to remove as much grease as possible. Pull up floats or the well probe and clean any debris that may have accumulated on them while you are cleaning the well. Make sure the pumps work correctly when the After the pumps run a complete cycle turn the controls to off and close the station valve feeding progressive cavity	Preventative Maintenance	Medium	Monthly		LAKEFRONT AVE.	cleaned Mohegan West, Chalet, Salem, Contractors , Farm walk , and Ponderosa pump stations with Cook
2115	Closed	8/1/2020 08:33 AM	8/24/2020 01:09 PM	8/24/2020	Pump Station Check		Preventative Maintenance	High	Weekly		FARM WALK RD.	
2116	Closed	8/1/2020 08:43 AM	8/24/2020 01:09 PM	8/24/2020	Pumpstation Landscaping	Remove Tree and Brush growth around Mohansic pump station Building and surrounding property line	Corrective Maintenance	High	Weekly		CROMPOND RD	
2117	Closed	8/1/2020 08:47 AM	8/24/2020 01:09 PM	8/24/2020	Pump station Landscaping	Remove Trees and brush around building and fence line	Corrective Maintenance	High	Weekly		LAKE SHORE DR.	
2118	Closed	8/1/2020 08:50 AM	9/9/2020 02:04 PM	11/13/2020	Pumpstation landscaping	Remove trees and brush around building and entire property	Corrective Maintenance	High	Weekly		FARM WALK RD.	
2119	Closed	8/1/2020 09:03 AM	11/9/2020 08:01 AM	11/13/2020	Pumpstation Landscaping	Remove trees and brush around building and entire property	Corrective Maintenance	High	Weekly		SALEM RD.	

2120	Closed	8/1/2020 09:06 AM	8/24/2020 01:09 PM	8/24/2020	Pump station Landscaping	Remove trees and brush from fence and entire property	Corrective Maintenance	High	Weekly		LONDON RD	
2121	Closed	8/1/2020 09:11 AM	8/24/2020 01:09 PM	8/24/2020	Pump station Landscaping	Remove trees and brush from building, fence and entire property	Corrective Maintenance	High	Weekly		LAKEFRONT AVE.	
2123	Closed	8/1/2020 09:21 AM	11/9/2020 08:02 AM	11/13/2020	Pump Station Landscaping	Remove trees and brush from fence line and entire property	Corrective Maintenance	High	Weekly		MILL POND ST.	
2124	Closed	8/3/2020 08:12 AM		8/3/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2125	Closed	8/3/2020 08:14 AM		8/3/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2126	Closed	8/3/2020 08:16 AM		8/3/2020	Primary tank	Remove vegetation growth from the outside perimeter of the small primary tank scum trough	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2127	Closed	8/3/2020 09:54 AM		8/3/2020	RBC covers	Remove as much of the vegetation from around the RBC covers as can safely be removed without damaging the covers	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2128	Closed	8/3/2020 09:56 AM		8/3/2020	Trickling filter	Remove the growth from the outer perimeter of the large and small trickling filters	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2129	Closed	8/3/2020 11:36 AM		8/3/2020	Trickling filter back flush	Back flush the trickling filter to remove accumulated debris in the influent causing irregular flows to the trickling filter	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2141	Closed	8/11/2020 02:09 PM	8/24/2020 01:09 PM	8/24/2020	Other	Cut tree off of building roof	Corrective Maintenance	High	One-Time Event		MOHEGAN AVE	
2142	Closed	8/17/2020 11:32 AM		8/17/2020	Digester pumps	Clean out the digester sludge pump is not pumping	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	Air was blown back through the digester to the large & small primary tanks to clean out the
2143	Closed	8/17/2020 11:32 AM		8/17/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2144	Closed	8/17/2020 11:34 AM		8/17/2020	primary tank drive mechanism	Grease the large and small primary tank motor and gear box	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2145	Closed	8/17/2020 11:34 AM		8/17/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2146	Closed	8/17/2020 11:36 AM		8/17/2020	Belt filter press	Shower out the under drain system	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2147	Closed	8/18/2020 11:50 AM		8/18/2020	Trickling filter back flush	Back flush the small trickling filter	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	Flush truck was cleaned out of grooves that were left from prior days road flushing
2152	Closed	8/20/2020 11:45 AM		8/20/2020	Grit clarifier	repair the grit clarifier	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
2153	Closed	8/21/2020 10:28 AM		8/21/2020	Digester roof	Hose off foam that accumulated on the P2 roof	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
2154	Closed	8/21/2020 10:30 AM		8/21/2020	Inlet cleaning	Hose off inlet grates Hose off mechanical bar screen Hose off pad	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	Flush truck was refilled Flush truck hydraulic oil was in the operable range
2155	Closed	8/21/2020 10:32 AM		8/21/2020	Primary grease hoppers	Lower the grease nopper level to allow for new scum/grease to be added	Preventative Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
2156	Closed	8/21/2020 10:33 AM		8/21/2020	Inlet dumpster	Clean the inlet dumpster	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2157	Closed	8/21/2020 10:33 AM		8/21/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	

2159	Closed	8/24/2020 08:56 AM		8/24/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2160	Closed	8/24/2020 08:57 AM		8/24/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2161	Closed	8/24/2020 08:58 AM		8/24/2020	Belt press polymer	Transfer polymer from 55 gallon drum to the polymer storage tank	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2162	Closed	8/24/2020 08:59 AM		8/24/2020	Belt filter press	Sludge pump#2 is not pumping	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
2163	Closed	8/24/2020 10:32 AM		8/24/2020	Grit system	Run the grit system until all accumulated grit in the grit channel is removed	Preventative Maintenance	High	Daily		GREENWOOD ST.	
2164	Closed	8/24/2020 10:32 AM		8/24/2020	Grit system	Run the grit system until all accumulated grit in the grit channel is removed	Preventative Maintenance	High	Daily		GREENWOOD ST.	
2165	Closed	8/24/2020 10:32 AM		8/24/2020	Grit system	Run the grit system until all accumulated grit in the grit channel is removed	Preventative Maintenance	High	Daily		GREENWOOD ST.	
2166	Closed	8/24/2020 10:32 AM		8/24/2020	Grit system	Run the grit system until all accumulated grit in the grit channel is removed	Preventative Maintenance	High	Daily		GREENWOOD ST.	
2167	Closed	8/24/2020 10:32 AM		8/24/2020	Grit system	Run the grit system until all accumulated grit in the grit channel is removed	Preventative Maintenance	High	Daily		GREENWOOD ST.	
2168	Closed	8/24/2020 10:35 AM		8/24/2020	Grit system	Run the grit system until all accumulated grit in the channel is removed	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2169	Closed	8/24/2020 11:08 AM		8/24/2020	Panel Check	Repair issues with the Verbatim phone line causing static/buzzing/humming	Corrective Maintenance	High	One-Time Event		MILL POND ST.	Friday 8/21/2020 Windstream ticket #TT0000002361004 created Monday 8/24/2020 - Windstream technician
2170	Closed	8/24/2020 12:59 PM		8/24/2020	Procurement	Contact reps for microfiltration Festo valves- obtain quotations and create a requisition to obtain replacement parts and submit to T.H. for approval to purchase	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	Requisition for 12 pneumatic valves has been submitted to Dawn for input into the KVS system for approval
2171	Closed	8/24/2020 01:01 PM		8/24/2020	Procurement	Find a replacement Verbatim for the pump station - create a requisition and submit to T.H. for approval to purchase	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
2172	Closed	8/24/2020 01:04 PM		8/24/2020	Large Trickling Filter	Remove as much of the vegetation and sticks from around the perimeter of the Large trickling filter as possible	Corrective Maintenance	Low	One-Time Event		GREENWOOD ST.	
2173	Closed	8/25/2020 10:32 AM		8/25/2020	RBC covers	Pull as much of the vegetation from around the RBC covers as can safely be removed	Corrective Maintenance	Low	One-Time Event		GREENWOOD ST.	
2176	Closed	8/26/2020 11:26 AM		8/26/2020	Belt press	Grease BFP #2 Grease the discharge conveyor	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2177	Closed	8/26/2020 11:28 AM		8/26/2020	Belt filter press	Clean out the gravity section of BFP#2 of as much accumulated debris as possible Try to remove accumulated sludge from the guide bars in the gravity section Shovel out the under drain system of BFP#2	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2178	Closed	8/26/2020 11:28 AM		8/26/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	

2179	Closed	8/31/2020 09:03 AM		8/31/2020	Primary tank grease hopper	Drain the large primary tank grease hopper to make room for grease skimming	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2180	Closed	8/31/2020 09:05 AM		8/31/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2181	Closed	8/31/2020 09:22 AM		8/31/2020	Belt filter press	Grease the BFP#2 and conveyors	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2182	Closed	8/31/2020 09:23 AM		8/31/2020	Grit system	Run the grit system	Preventative Maintenance	High	Daily		GREENWOOD ST.	
2183	Closed	8/31/2020 09:24 AM		8/31/2020	Grit system	Run the grit system	Preventative Maintenance	High	Daily		GREENWOOD ST.	
2184	Closed	8/31/2020 09:24 AM		8/31/2020	Grit system	Run the grit system	Preventative Maintenance	High	Daily		GREENWOOD ST.	
2185	Closed	8/31/2020 09:24 AM		8/31/2020	Grit system	Run the grit system	Preventative Maintenance	High	Daily		GREENWOOD ST.	
2186	Closed	8/31/2020 09:25 AM		8/31/2020	Grit system	Run the grit system	Preventative Maintenance	High	Daily		GREENWOOD ST.	
2187	Closed	9/1/2020 11:06 AM		9/1/2020	Primary tank grease skimming	Skim the grease around the small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	Large primary tank was done earlier in the morning by another employee
2188	Closed	9/1/2020 11:07 AM		9/1/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow Small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2198	Closed	9/8/2020 09:53 AM		9/8/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2199	Closed	9/8/2020 09:55 AM		9/8/2020	Primary tank grease hopper	Lower the large primary tank grease hopper to allow easy skimming	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2208	Closed	9/9/2020 02:01 PM	9/9/2020 02:01 PM	10/16/2020	Pump Station Emergency	Installed new Asco two way water valve	Corrective Maintenance	Urgent	One-Time Event		MILL POND ST.	Mike Mill was there assisting
2212	Closed	9/11/2020 10:24 AM		9/11/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2213	Closed	9/11/2020 10:25 AM		9/11/2020	Grit	run the grit collection system	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2217	Closed	9/14/2020 08:37 AM		9/14/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2218	Closed	9/14/2020 08:38 AM		9/14/2020	Primary tank weirs	Clean the weirs of accumulated debris preventing even flow	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2219	Closed	9/14/2020 12:20 PM		9/14/2020	Trickling filter	Clean out the distributor arm orifices on both the large and small trickling filter Scrub the distributor arms with a brush to remove as much built up accumulation as possible Hose down the distributor arm remove as much vegetation from around the center of the large trickling filter as possible	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2220	Closed	9/14/2020 12:21 PM		9/14/2020	Primary tank weirs	hose down the weirs to remove as much accumulated debris as possible	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	Flush truck was put away with a full tank of water - hydraulic oil was good. New box of
2221	Closed	9/14/2020 12:42 PM		9/14/2020	Effluent contact chamber	Turn down the contact chamber	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2222	Closed	9/14/2020 12:45 PM		9/14/2020	Secondary clarifiers	Shut the flow off to the secondary tanks clean out the effluent trough and weirs of all accumulated	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	

2229	Closed	9/16/2020 09:12 AM		9/16/2020	MCB backflow	Replace backflow inside the grit room Backflow was tested at 0/15/2020 and passed inspection	Corrective Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2232	Closed	9/21/2020 08:53 AM		9/21/2020	Inlet dumpster	Clean the inlet dumpster	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2233	Closed	9/21/2020 08:54 AM		9/21/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2234	Closed	9/21/2020 08:55 AM		9/21/2020	Primary tank grease hopper	Drain the large primary tanks' grease hopper to make room to skim the grease	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2235	Closed	9/21/2020 08:56 AM		9/21/2020	Grit collection	Run the grit removal system	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2236	Closed	9/21/2020 08:57 AM		9/21/2020	Influent composite sampler	Reprogram the sampler to automatically start at 7 AM Wednesday and to stop on 7 AM Thursday	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2237	Closed	9/21/2020 12:10 PM		9/21/2020	Digester roof	Clean off the P2 floating roof from the foam over that has piled up and accumulated debris on roof	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
2238	Closed	9/21/2020 12:12 PM		9/21/2020	Trickling filters	Scrub down and remove debris from the trickling filter distributor arm orifices on both the large and small	Preventative Maintenance	Urgent	One-Time Event		GREENWOOD ST.	Trush truck was topped off and an accumulated grease left in there from previous
2240	Closed	9/22/2020 08:43 AM		10/19/2020	Verbatim battery	Replace the backup battery on the verbatim Ensure the unit works correctly after the installation of the	Corrective Maintenance	Urgent	One-Time Event		FARM WALK RD.	a Requisition has been created for a new verbatim battery 6v 4AH
2241	Closed	9/22/2020 08:44 AM		9/22/2020	Grit system	Run the grit system	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2242	Closed	9/23/2020 08:58 AM		9/23/2020	Belt filter press	Shovel the accumulated debris from the under drain system and from beneath the discharge and truck conveyor	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2245	Closed	9/25/2020 10:26 AM		9/25/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2246	Closed	9/25/2020 10:26 AM		9/25/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2247	Closed	9/25/2020 10:27 AM		9/25/2020	Inlet dumpster	Clean the inlet dumpster	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2249	Closed	9/28/2020 09:39 AM		9/28/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2250	Closed	9/28/2020 09:41 AM		9/28/2020	RBC	Remove as much vegetation from around the RBC covers as possible	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2262	Closed	9/30/2020 11:48 AM		9/30/2020	Alarm phone line	Verizon	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	4402 has been added to our existing account and should not be disconnected again
2267	Closed	10/2/2020 01:49 PM		10/2/2020	Inlet Dumpster	clean the inlet dumpster	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2268	Closed	10/2/2020 01:49 PM		10/2/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2272	Closed	10/6/2020 08:34 AM		10/6/2020	Grit system	Run the grit system	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2273	Closed	10/6/2020 08:35 AM		10/6/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2274	Closed	10/6/2020 08:36 AM		10/6/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2275	Closed	10/6/2020 08:37 AM		10/6/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2276	Closed	10/6/2020 02:08 PM		10/6/2020	Control floats	Clean the accumulated grease from the wet well floats	Preventative Maintenance	High	One-Time Event		WELLINGTON CT.	
2277	Closed	10/6/2020 02:10 PM		10/6/2020	Control floats	Clean the accumulated grease from the wet well floats	Preventative Maintenance	High	One-Time Event		OLD COUNTRY WAY	
2278	Closed	10/6/2020 02:11 PM		10/6/2020	Control floats	Clean the accumulated grease from the wet well floats	Preventative Maintenance	High	One-Time Event		GRANITE SPRINGS RD.	
2279	Closed	10/6/2020 02:14 PM		10/6/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow *Leaf season*	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2280	Closed	10/8/2020 08:00 AM		10/8/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow *Leaf season*	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2281	Closed	10/8/2020 08:00 AM		10/8/2020	Lawn Maintenance	Mow the plant grounds	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	

2282	Closed	10/8/2020 08:01 AM		10/8/2020	Blower coupling	Replace the blower coupling in the Micro filtration building	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
2283	Closed	10/8/2020 08:04 AM		10/8/2020	Belt filter press	Rebuild the venturi valve on sludge pump #1.	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	1/2IDX5/8ODX1/16" thick oring used
2284	Closed	10/8/2020 10:41 AM		10/8/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2285	Closed	10/8/2020 10:42 AM		10/8/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow *leaf season*	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2286	Closed	10/8/2020 12:38 PM		10/8/2020	Trickling filter back flush & cleaning	Back flush the trickling filter to remove accumulated debris in the influent causing irregular flows to the trickling filter.	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2287	Closed	10/8/2020 12:39 PM		10/8/2020	Trickling filter	Grease the small trickling filter	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2288	Closed	10/8/2020 12:41 PM		10/8/2020	Pump station wetwell	Utilizing the Town bid sludge hauler or the Towns' Vactor truck, clean as much of the grease and accumulated debris from the wet well as possible. Scrape the sides of the well and around pipes to remove as much grease as possible. Pull up floats or the well probe and clean any debris that	Preventative Maintenance	Medium	One-Time Event		WELLINGTON CT.	
2290	Closed	10/8/2020 12:44 PM		10/8/2020	Pump station wetwell	Utilizing the Town bid sludge hauler or the Towns' Vactor truck, clean as much of the grease and accumulated debris from the wet well as possible. Scrape the sides of the well	Preventative Maintenance	Medium	One-Time Event		OLD COUNTRY WAY	
2291	Closed	10/8/2020 12:45 PM		10/8/2020	Pump Station wetwell	Utilizing the Town bid sludge hauler or the Towns' Vactor truck, clean as much of the grease and accumulated debris from the wet well as possible. Scrape the sides of the well	Preventative Maintenance	Medium	One-Time Event		GRANITE SPRINGS RD.	
2292	Closed	10/8/2020 12:46 PM		10/8/2020	Pump Station wetwell	Utilizing the Town bid sludge hauler or the Towns' Vactor truck, clean as much of the grease and accumulated debris from the wet well as possible. Scrape the sides of the well and around pipes to remove as much grease as possible. Pull up floats or the well probe and clean any debris that may have accumulated on them while you are cleaning the well. Make sure the pumps work correctly when the cleaning is done if the well was pumped all the way down.	Preventative Maintenance	Medium	One-Time Event		DOUGLAS DR.	
2294	Closed	10/9/2020 09:10 AM		10/9/2020	RBC covers	remove as much of the vegetation that is growing from around the covers as can be easily removed	Corrective Maintenance	Low	One-Time Event		GREENWOOD ST.	
2295	Closed	10/9/2020 09:11 AM		10/9/2020	primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2296	Closed	10/9/2020 09:12 AM		10/9/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2297	Closed	10/9/2020 12:40 PM		10/9/2020	SCADA alarm line	Rewire the SCADA alarm line at the demarcation point in the building	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
2298	Closed	10/9/2020 02:06 PM	10/9/2020 02:06 PM	10/14/2020	Pump Station Emergency	Remove mixer from wet well clean blockage, remove Pump 1 from wet well, disassemble valve, clean out pipe	Corrective Maintenance	Urgent	One-Time Event		MOHEGAN AVE.	mixer had tripped contactor . Pump Amps were high
2299	Closed	10/9/2020 02:09 PM		10/9/2020	Inlet dumpster	Clean the inlet dumpster	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2302	Closed	10/14/2020 09:25 AM		10/14/2020	primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2303	Closed	10/14/2020 09:27 AM		10/14/2020	Belt press truck conveyor	rebound the motor end pulley and roller assembly with new bearings	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	Roller assembly bearings blew apart
2304	Closed	10/14/2020 09:29 AM		10/14/2020	Belt filter press	Shovel accumulated debris from under near the truck conveyor and discharge conveyor	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2305	Closed	10/14/2020 12:15 PM		10/14/2020	Grit system	Run the grit system	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2306	Closed	10/14/2020 12:16 PM		10/14/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow *leaf season*	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2307	Closed	10/14/2020 12:18 PM		10/14/2020	Procurement/Scheduling	Order groves Order genetic basin pump assembly	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2310	Closed	10/14/2020 01:43 PM		10/14/2020	MCB boiler	Replace water pressure regulator	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	Ordered on Friday using attached emergency form

2311	Closed	10/15/2020 09:09 AM		10/15/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2315	Closed	10/16/2020 08:13 AM		10/16/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2316	Closed	10/16/2020 08:14 AM		10/16/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow *leaf season*	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2317	Closed	10/16/2020 08:26 AM		10/16/2020	Primary tank drive mechanism	Grease the drive mechanism on the large and small primary tanks	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2318	Closed	10/16/2020 08:30 AM		10/16/2020	Offensive graffiti removal	Remove the offensive (phallic depiction and the other interesting choice slogan) graffiti that is near the entrance of the pump station using the departments new media blaster.	Corrective Maintenance	Medium	One-Time Event		FARM WALK RD.	
2320	Closed	10/19/2020 10:14 AM		10/19/2020	Parts ordering/requisition	Create and submit requisitions for pump packing tools	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2321	Closed	10/19/2020 10:16 AM		10/19/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2322	Closed	10/19/2020 11:36 AM		10/19/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2323	Closed	10/19/2020 11:49 AM		10/19/2020	Grit system	Run the grit removal system	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2324	Closed	10/20/2020 08:39 AM		10/20/2020	Odor complaint	1817 Casey called highway regarding an odor complaint	Corrective Maintenance	Urgent	One-Time Event	1817	CASEY CT.	NO issue found with the Town's main sewer line - the issue was coming from a drainage
2325	Closed	10/20/2020 08:45 AM		10/20/2020	Parts requisition/work orders	Submit requisitions for parts/tools for microbundling	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2326	Closed	10/20/2020 09:27 AM		10/20/2020	Odor complaint	Home owner called regarding an odor complaint (10/19) and again today. Mike C and Anthony C went to investigate -dead animal in the Highway catch basin was found to be the source of the odor Town sewer line was investigated and found to be in good working order.	Corrective Maintenance	Urgent	One-Time Event		HIGHRIDGE CT.	Highway was notified of the dead animal in the catch basin and will work to resolve the issue now.
2327	Closed	10/20/2020 10:12 AM		10/20/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow *leaf season*	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2329	Closed	10/20/2020 02:23 PM	10/20/2020 02:23 PM	10/21/2020	Wet well cleaning	Cleaned wet well of grease and debris	Preventative Maintenance	Medium	Monthly		EAST MAIN ST.	
2330	Closed	10/20/2020 02:26 PM	10/20/2020 02:26 PM	10/21/2020	Wet well cleaning	Clean grease and debris from wet well	Preventative Maintenance	Medium	Monthly		CROMPOND RD	
2331	Closed	10/20/2020 02:28 PM	10/20/2020 02:28 PM	10/21/2020	Wet well cleaning	Cleaned grease and debris from we well	Preventative Maintenance	Medium	Monthly		FARM WALK RD.	
2332	Closed	10/20/2020 02:30 PM	10/20/2020 02:30 PM	10/21/2020	Wet well cleaning	Cleaned grease and debris from wet well	Preventative Maintenance	Medium	Monthly		EAST MAIN ST.	
2333	Closed	10/20/2020 02:32 PM	10/20/2020 02:32 PM	10/21/2020	Wet well cleaning	Cleaned grease and debris from wet well	Preventative Maintenance	Medium	Monthly		SALEM RD.	
2334	Closed	10/20/2020 02:36 PM	10/20/2020 02:36 PM	10/21/2020	Pump Station Check	Fixed pump from wet well with crane truck, removed rags from pump, installed pump hook in wet well	Corrective Maintenance	Urgent	One-Time Event		SALEM RD.	
2336	Closed	10/21/2020 08:26 AM		10/21/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2337	Closed	10/21/2020 08:53 AM		10/21/2020	Trickling filter	Open the arm dump gates and flush the arms out of all accumulated debris (leaves) in the system. Clean out the orifices of all debris while the arm dump gate is open	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2338	Closed	10/21/2020 08:55 AM		10/21/2020	Procurement	Contact local rep to obtain pricing to create a requisition	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2341	Closed	10/22/2020 08:49 AM		10/22/2020	Press room truck conveyor	Install zero turning into the bearing opposite side of the gear pulley on the truck conveyor	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	

2342	Closed	10/22/2020 08:50 AM		10/22/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2343	Closed	10/22/2020 09:01 AM		10/22/2020	Procurement	Order items from Fastenal, Grainger, Staples, Optimum Controls	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2346	Closed	10/23/2020 10:39 AM		10/23/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2347	Closed	10/23/2020 10:39 AM		10/23/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2348	Closed	10/23/2020 10:40 AM		10/23/2020	Inlet Dumpster	Clean the inlet dumpster	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2349	Closed	10/23/2020 10:41 AM		10/23/2020	Mechanical Bar Screen	Clean off toilet paper that has accumulated from around the drive mechanism	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2350	Closed	10/23/2020 10:48 AM		10/23/2020	Procurement	Contact OCC to confirm correct PO and follow up on lead time	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2352	Closed	10/26/2020 08:27 AM		10/26/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2353	Closed	10/26/2020 08:27 AM		10/26/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2354	Closed	10/26/2020 08:43 AM		10/26/2020	Procurement	Requisition new locks	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2357	Closed	10/27/2020 09:50 AM		10/27/2020	Belt filter press truck conveyor	Clean out accumulated debris from behind the B F P dumpster	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2358	Closed	10/27/2020 01:01 PM		10/27/2020	Procurement	Contact Hach and obtain information on a DR-3900 with Digestion aid and various sampling kits	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	DRB200 digestion kit - possibly various acids (nitric/sulfuric)
2359	Closed	10/27/2020 01:03 PM		10/27/2020	Effluent Sampler	Assemble, install and program new ISCO automatic sampler for the plant effluent samples.	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	25' suction, 24 composite @ 375ml on an hourly schedule. 7AM Wed start
2361	Closed	10/28/2020 08:33 AM		10/28/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2362	Closed	10/28/2020 08:34 AM		10/28/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2363	Closed	10/28/2020 09:05 AM		10/28/2020	Back up complaint	Water department employee saw home owners lateral bubbling out and called Mike Carducci. Crew was dispatched and found it to be the home owner	Corrective Maintenance	Urgent	One-Time Event	408	GRANITE SPRINGS RD.	Mike Mill was present - he is not listed on the Sewer staff roster Kyle was on standby with the flush truck
2364	Closed	10/28/2020 09:44 AM		10/28/2020	Procurement	Order - POS 2001737, 2001736, 2001734	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2367	Closed	10/29/2020 08:18 AM	10/29/2020 08:18 AM	11/2/2020	Pump Station Emergency	Hunterbrook pump station- Pump 2A failure. Removed Pump 2A & Volute scraped off gasket and installed new gasket plus form a gasket sealant. Installed lock washers on bolts to prevent loosening .Pump 2A put back on line.	Corrective Maintenance	Urgent	One-Time Event		MILL POND ST.	Observed a wet floor at hunterbrook pump station. After investigation of problem Pump 2A spraying out ripped gasket. Probable cause - Loose bolts . Mike Mill was present
2369	Closed	11/2/2020 08:35 AM		11/2/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2370	Closed	11/2/2020 08:36 AM		11/2/2020	Primary tank weirs		Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2371	Closed	11/2/2020 09:02 AM		11/2/2020	Procurement/ CMMS	Correct Fastenal billing error from PO 2001681 Correct Grainger billing issue from PO 2001736 Contact Hach regarding spectrometer Close out work orders for field crew	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2372	Closed	11/2/2020 10:56 AM		11/2/2020	Reported back up	Rain warning from the water Dept. received a call regarding a spill/leak up in the road.	Corrective Maintenance	Urgent	One-Time Event	1371	SUNFLOWER DR.	

2373	Closed	11/4/2020 08:11 AM		11/4/2020	Belt filter press	Shovel out accumulated debris in the under drain system beneath BFP#2	Corrective Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2374	Closed	11/4/2020 08:13 AM		11/4/2020	Procurement	Check on Indelco items Check on Glove req	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2375	Closed	11/4/2020 09:50 AM		11/4/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2376	Closed	11/4/2020 09:50 AM		11/4/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2377	Closed	11/4/2020 11:35 AM		11/4/2020	Back up	Home owner called reporting a back up	Corrective Maintenance	Urgent	One-Time Event	2371	LARKSPUR ST.	-Back up is fixed in the Engineering log and in house log
2378	Closed	11/4/2020 12:08 PM		11/4/2020	Trickling filter	Open the arm dump gates clean the orifices and speed retarding orifices of the	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2379	Closed	11/5/2020 08:25 AM		11/5/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2380	Closed	11/5/2020 08:26 AM		11/5/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2381	Closed	11/5/2020 09:15 AM		11/5/2020	Procurement/CMMS	Contact vendor direct pay form for indelco	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2382	Closed	11/5/2020 10:12 AM		11/5/2020	Sampler clocks	Reset the sampler clocks for daylight savings	Corrective Maintenance	Urgent	One-Time Event		GREENWOOD ST.	
2386	Closed	11/6/2020 08:09 AM		11/6/2020	Trickling filter	Open the arm dump gates on the small trickling filter	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2387	Closed	11/6/2020 08:10 AM		11/6/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2388	Closed	11/6/2020 08:11 AM		11/6/2020	Grit system	Run the grit system	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2389	Closed	11/6/2020 09:34 AM		11/6/2020	Inlet dumpster	Clean the inlet dumpster	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2390	Closed	11/6/2020 01:37 PM		11/6/2020	Procurement	Contact vendors regarding conveyor quotation	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2391	Closed	11/9/2020 08:00 AM	11/9/2020 08:00 AM	11/13/2020	Pump Station Check	After the pumps run a complete cycle turn the controls to off and close the suction valve feeding progressive cavity pump #2. Open up the check valve feeding progressive cavity pump #2 and clean out any accumulated debris. When completed re-bolt the check valve and tighten the bolts. Open the suction valve to progressive cavity pump #2 and wait for the pumps to turn on. Check the amperage	Preventative Maintenance	High	One-Time Event		FARM WALK RD.	
2394	Closed	11/9/2020 01:42 PM		11/9/2020	Grit system	Run the grit system	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2395	Closed	11/9/2020 01:45 PM		11/9/2020	Procurement	Work on conveyor information document item received with T.H.	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2396	Closed	11/9/2020 01:46 PM		11/9/2020	Trickling filter back flush/cleaning	Back flush the small AND large trickling filters	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2400	Closed	11/12/2020 10:45 AM		11/12/2020	Procurement/CMMS	Input work orders for RR	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	

2401	Closed	11/12/2020 10:46 AM		11/12/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2402	Closed	11/12/2020 10:48 AM		11/12/2020	Grease hopper	Lower the large grease hopper	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2403	Closed	11/12/2020 10:58 AM		11/12/2020	Pump install	Install new pump Old pump had a seal fail	Corrective Maintenance	Urgent	One-Time Event		WELLINGTON CT.	
2408	Closed	11/13/2020 09:10 AM		11/13/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2409	Closed	11/13/2020 09:16 AM		11/13/2020	Inlet dumpster	Clean the inlet dumpster	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	I got the poo on me!
2410	Closed	11/13/2020 10:52 AM		11/13/2020	Procurement	Requisition loctite Check on- Indelco - Caustic manway gaskets USABlueBook -bushing Pricing for 316 SS Chain for Salem and Mohegan East	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	Indelco has no been set up in KVS and the requisition will be entered into KVS now.
2412	Completed	11/17/2020 10:46 AM	11/17/2020 10:46 AM		Pump Station Emergency	installed new compressor	Corrective Maintenance	Urgent	One-Time Event		MILL POND ST.	
2413	Completed	11/17/2020 10:49 AM	11/17/2020 10:49 AM		Pump Station Check	After the pumps run a complete cycle turn the controls to off and close the suction valve feeding progressive cavity pump #2. Open up the check valve feeding progressive cavity pump #2 and clean out any accumulated debris. When completed re-bolt the check valve and tighten the bolts. Open the suction valve to progressive cavity pump #2 and wait for the pumps to turn on. Check the amperage to ensure normal operating numbers.	Corrective Maintenance	High	Weekly		FARM WALK RD.	

2414	Completed	11/17/2020 10:53 AM	11/17/2020 10:53 AM		Pump Station Emergency	Removed pump 2 from wet well. cleaned rags from pump. installed pump 2 back in wet well	Corrective Maintenance	Urgent	One-Time Event		SALEM RD.	
2415	Completed	11/17/2020 10:56 AM	11/17/2020 10:56 AM		Pump Station Check	Mixer in wet well tripped breaker. Removed from well cleaned rags out of prop.	Corrective Maintenance	High	One-Time Event		MOHANSIC AVE. EAST	
2416	Completed	11/17/2020 11:00 AM	11/17/2020 11:00 AM		Pump Station Check	Changed silica Gel Desiccant in air line cartridge	Corrective Maintenance	Medium	One-Time Event		MILL POND ST.	
2417	Completed	11/17/2020 11:04 AM	11/17/2020 11:04 AM		Pump Station Check	Contractors pump station- cleaned check valves on pump 1 & 2.	Corrective Maintenance	High	One-Time Event		EAST MAIN ST.	
2429	Closed	11/23/2020 10:00 AM		11/23/2020	Secondary Clarifier	Clean the accumulated debris from around the weirs and in the effluent trough of both secondary clarifiers	Corrective Maintenance	High	One-Time Event		GREENWOOD ST.	
2430	Closed	11/23/2020 10:02 AM		11/23/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2431	Closed	11/23/2020 10:02 AM		11/23/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2432	Closed	11/23/2020 10:03 AM		11/23/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2433	Closed	11/23/2020 10:20 AM		11/23/2020	Procurement/CMMS	Order Grainger PO #2001860	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	
2434	Closed	11/23/2020 10:43 AM		11/23/2020	Manhole Inspection	Remove the manhole lid - observe the flow through the invert looking for signs of a blockage. Look at the bench for possible signs of a recent blockage. If necessary get the	Preventative Maintenance	Medium	One-Time Event		HILL BLVD	Flowing normally
2435	Closed	11/23/2020 10:45 AM	11/23/2020 10:45 AM	11/23/2020	Manhole Inspection	Remove the manhole lid - observe the flow through the invert looking for signs of a blockage. Look at the bench for possible signs of a recent blockage. If necessary get the	Preventative Maintenance	Medium	One-Time Event		HILL BLVD	Flowing normal
2437	Closed	11/23/2020 11:38 AM		11/23/2020	Manhole Inspection	Remove the manhole lid - observe the flow through the invert looking for signs of a blockage. Look at the bench for possible signs of a recent blockage. If necessary get the	Preventative Maintenance	High	One-Time Event		SOMERSTON RD.	
2438	Closed	11/23/2020 11:46 AM		11/23/2020	Manhole Inspection	Remove the manhole lid - observe the flow through the invert looking for signs of a blockage. Look at the bench for possible signs of a recent blockage. If necessary get the	Preventative Maintenance	High	One-Time Event		BARBERRY RD.	Flowing normally
2439	Closed	11/23/2020 12:22 PM		11/23/2020	Manhole Inspection	Remove the manhole lid - observe the flow through the invert looking for signs of a blockage. Look at the bench for possible signs of a recent blockage. If necessary get the	Preventative Maintenance	Medium	One-Time Event		OLD YORKTOWN RD	Flow is normal
2440	Closed	11/23/2020 12:25 PM	11/23/2020 12:25 PM	11/24/2020	Manhole Inspection	Remove the manhole lid - observe the flow through the invert looking for signs of a blockage. Look at the bench for possible signs of a recent blockage. If necessary get the	Preventative Maintenance	Medium	One-Time Event		BROOKFIELD DR.	Flow is normal
2441	Closed	11/23/2020 12:30 PM		11/24/2020	Manhole Inspection	Remove the manhole lid - observe the flow through the invert looking for signs of a blockage. Look at the bench for possible signs of a recent blockage. If necessary get the	Preventative Maintenance	Medium	One-Time Event		WALTER RD.	Normal flow -
2442	Closed	11/24/2020 09:51 AM		11/24/2020	Manhole Inspection	Remove the manhole lid - observe the flow through the invert looking for signs of a blockage. Look at the bench for possible signs of a recent blockage. If necessary get the	Preventative Maintenance	High	One-Time Event		LEE BLVD.	
2443	Closed	11/24/2020 10:30 AM		11/24/2020	Manhole Inspection	Remove the manhole lid - observe the flow through the invert looking for signs of a blockage. Look at the bench for possible signs of a recent blockage. If necessary get the	Preventative Maintenance	Medium	One-Time Event		HILL BLVD	Normal flow
2444	Closed	11/24/2020 11:27 AM		11/24/2020	Primary tank weirs	Clean the weirs of accumulated debris prevent even flow	Preventative Maintenance	High	One-Time Event		GREENWOOD ST.	

2445	Closed	11/24/2020 11:53 AM		11/24/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2446	Closed	11/24/2020 12:04 PM	11/24/2020 12:04 PM	11/25/2020	Sewer main break	Sewer main repair - After responding to a sink hole complaint at 2845 Brookfield dr and further investigation we discovered the sewer main was broken. We dug up main , cut out a piece of pipe 43" long. We made our repair	Corrective Maintenance	Urgent	One-Time Event	2845	BROOKFIELD DR.	Highway Dept. supplied the excavator , Water Dept supplied the tools to cut pipe and a truck with gravel . Mike Mill also helped out.
2447	Closed	11/25/2020 09:16 AM		11/25/2020	Primary tank grease skimming	Skim the grease around the large and small primary tank	Preventative Maintenance	Medium	One-Time Event		GREENWOOD ST.	
2448	Completed	11/30/2020 12:19 PM	11/30/2020 12:19 PM		Pump Station Check	Salem pump station Amps high, pulled pump 2 and removed rags from pump. Returned to wet well put back in service	Corrective Maintenance	Urgent	One-Time Event		SALEM RD.	

SEWER TRACKING LOG

No.	Item	Address	Type	Received By	Date	Inspector	Notes/Details	Status
1	Back up reported	2396 Crompond Road	Home owner called reported back up	Louise	2/24/2020	Mike Mill, Kyle Gulitz	Problem was found to be in the home owners lateral.	closed
2	Back up reported	3741 Wildwood	Yorktown PD called	Ed	2/29/2020	Ed Mahoney	Problem was in the homeowners lateral.	closed
3	Back up reported	2396 Crompond Road	Home owner called reported back up	Louise	3/5/2020	Mike Carducci, Kyle Gulitz	Problem was found again in this persons lateral. Permission given by Engineering to repair it.	Closed
4	Odor complaint	Whittier court	home owner called reporting odor	Martin	3/5/2020	Martin McGannon	No problems found	Closed
5	Odor complaint	Jefferson Village	home owner called reporting odor		5/6/2020	Road Crew (Mike C)	Manhole in the Smith Road easement was backing up. Crew flushed the line and will inspect it frequently	On Going
6	Back up reported	2394 Mark Road	Home owner called reporting they were backing up into house.		5/21/2020	Road Crew (Mike C)	No problems found with the Town line. Home owner had a plumber snake his lateral	Closed
7	Back up reported	881 Barberry	Home owner back up call	Mike C	6/14/2020	Mike Carducci, Charles Chase	No problems found with the Town line. Home owner had a plumber snake his lateral. Mike C advised H.O. to purchase and install a check valve.	closed
8	Manhole vandalised causing spill	Taconic Parkway	Mike Grasso Highway	ED	6/25/2020	Ed, Mike Mill, Martin, Anthony, Kyle G, YPD	Manhole lid was removed, manhole was filled with bolders and garbage causing a spill. NY alert was notified, new locking manhole was purchased	closed

9	Back up reported	Old Stone Church	Owner(Dean) called	Kyle	7/24/2020	Mike C	Problem is located in their lateral, main lines were observed to be flowing fine. Opposite side of Hanover houses are below the Church and no one is having any issue either.	closed
10	Back up reported	107 Weskora	Home Owner Back up call (Roxanna)	Kyle	7/24/2020	Mike C	Problem is located in their lateral, Mike checked the Town line and observed it flowing fine with no signs of surging/backing up. They need to contact a plumber to resolve their issue	closed
11	Back up reported	2956 Ferncrest	Home Owner saw water in manhole	Mike Quinn	7/27/2020	Mike C	There was no problem - home owner opened the manhole and saw water and didn't understand what it was and panicked and called	closed
12	Back up reported	Edcris Dr	Home owner called reporting back up		7/15/2020	Charles Chase Jr.	Charles flushed the road preventatively	closed
13	Back up reported	261 Cordial RD	Home owner called reporting back up		7/26/2020	Mike C, Charles Chase Jr.	Town line was fine. Crew preventatively flushed the line to try and pull and lateral blockage out.	closed
14	Back up reported	55 Somerston	Home owner called reporting back up		9/7/2020	Mike C	No problem with Town line was observed. Problem was in the home owners lateral.	closed
15	Back up reported	69 Somerston	Home owner called reporting back up	ED	9/12/2020	Mike C, Anthony C	No problem was observed with the Town line. The problem was located in the home owners lateral.	closed
16	Back up reported	TennisCourt Lane	Condo complex report of a back up	Ed	10/3/2020	Mike C, Charles Chase Jr.	No problem was observed with the man line. The problem was isolated to the complex lateral and they contacted a plumber who then snaked the drain. Charles remained on scene while plumber was snaking the drain to ensure the main line did not end up with a blockage.	closed

17	Odor complaint	242 Highridge CT	Home owner called complaining of odor complaint	Highway	10/19/2020	Mike C, Charles Chase JR. (10/19)/ Mike C, Anthony C (10/20)	No problem was detected on 10/19. On 10/20 crew contacted Mohegan FD for a reported smell of natural gas. FD investigated and found no gas but did smell 'death'. Mike/Anthony investigated further and found a dead rotting animal in the catch basin. Highway was contacted to resolve the issue	closed
18	Odor complaint	1817 Casey Ct	Home owner called Highway who inturned called ED	Anne @ highway	10/20/2020	Mike C	No problem observed with main line. The problem was misidentified and originating from a Highway drain manhole. Mike investigated and was unable to detect any odor with the home owner present. No problem in drainage was detected at this time	closed
19	Back up reported	408 Granite Springs RD	Adam Cerrato from Water saw lateral bubbling out	Mike C	10/28/2020	Anthony C	No problem was observed with main line. The problem was in the home owners lateral	closed
20	Back up reported	1371 Sunflower	Paul Vasillo received a call reporting a back up in the street	Paul V (Water Dept)	10/30/2020	Mike C, Martin M (stand by)	No problem was observed with the main line. No spill observed any where in the road (as reported to Paul V) problem was a clogged lateral.	closed
21	Back up reported	2731 Larkspur	Ed received a call	Ed	11/4/2020	Mike C, Anthony C, Marting M (with flush truck)	No problem was observed in the Town main line. The problem was isolated with the home owners lateral	closed
22	Odor complaint	1817 Casey CT		ED	11/9/2020	Charles Chase Jr., Mike Grasso Highway	Odor was noted but the origination could not be determined. Charles observed Town owned sewer line flowing	left open
23	Odor complaint	1817 Casey Ct			11/10/2020	Charles Chase JR,		left open

24	Odor complaint	1817 Casey Ct			11/12/2020	Charles Chase JR,	Flushed the line - Charles states it is a wind problem and the origination of the odor is hard to identify. *Note County has a main trunk line on the adjacent road Lockwood and the odor may come from there*	Left open
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Yorktown Town Hall
363 Underhill Avenue, P.O. Box 703
Yorktown Heights, NY 10598

(914) 962-5722
www.yorktownny.org

SMOKE TESTING – SEWER PIPING **OCTOBER/NOVEMBER 2020**

NOTICE TO RESIDENTS

This letter is to notify you that the Yorktown Sewer Department plans to start testing the sanitary sewer lines in your neighborhood as part of our Inflow/Infiltration (I/I) Reduction Program. The program objective is to remove storm water sources from the sanitary sewer system, keep wastewater treatment costs and sanitary sewer rates low, and protect the environment.

The smoke used for testing is non-toxic and non-hazardous and is manufactured specifically for this purpose. This type of testing is a standard method of detecting sewer defects and storm water cross connections to the sanitary sewer system. Smoke testing consists of placing a high capacity blower on top of a sanitary sewer manhole and forcing “smoke” down into the sewer system. The smoke, under pressure from the blower, travels through the sewer system and escapes through any connection, cracks, leaks, etc., along the way to reveal sources of I/I within the study area.

See attached [Smoke Testing FAQ](#) for commonly asked questions about the process.

The smoke should not enter your building or residence, but if it does, it will have a distinct odor and should only last a few minutes with proper ventilation.

You do not need to be home during the smoke testing field work.

Smoke should not enter your home; however, if it does this could be an indication of a defect in your plumbing system. This defect could allow sewer gases to enter inside your home, which is a potential health hazard. Corrections of such defects on private property are the responsibility of the property owner, and a licensed plumber should be consulted to ensure the proper corrections are made. If smoke does enter your home or building, please notify the field technicians who are conducting the test.

The information gathered during the smoke testing project will be used to create a prioritized plan to reduce I/I impacts to the sanitary sewer system. Sewer defects will exist on both public and private property and will need to be corrected in a timely manner.

After the smoke testing is complete, notices will be sent to those property owners that will need to make corrections. Often times, it can be as simple as removing a connected roof downspout and letting it drain above ground, or replacing a broken or missing lateral cleanout cap in your yard. The Engineering and Sewer Departments will assist homeowners in determining the best approach in disconnecting I/I sources and rerouting storm drainage. Reducing I/I will keep sanitary sewer rate charges low, while also protecting the environment.

For further questions regarding this program or test procedure, please call the Engineering Department at: (914) 962-5722 ext. 220

Frequently Asked Questions

What exactly is a Smoke Test and why is it being done now?

A field crew from Yorktown Sewer Department will use a blower technique to test sewer lines with smoke tablets. Smoke blowers are placed on manholes and smoke is blown through the sewer system. Any location where smoke is identified during the test, except plumbing vent stacks, is a potential Infiltration/Inflow source for storm water or ground water to enter the collection system.

The Town is required by regulatory authorities to be continuously assessing the performance and operation of the sanitary sewer collection system. A smoke test is considered an effective method for identifying sources of I/I and will be used by the Department to prevent excessive flow in the system.

What is the benefit to the Town for performing a Smoke Test?

Smoke testing is one technique utilized to identify segments of sewers that may exhibit inflow during heavy rainfall. Smoke testing is best used to detect inflow sources such as roof downspouts, driveway, yard and area drains, foundation drains, illegal connections, and storm water drainage system cross connections. It can also detect structural damages and leaking joints in sewer pipes.

How will residents know when Smoke Testing will be performed in their neighborhoods?

Testing will be performed during the month of October and November 2019 and affected residents are being notified with this informational letter. Maps of the areas to be tested will also be posted on the Town website: <http://www.yorktownny.org/engineeringandsewer>

Is the smoke that is used hazardous?

The smoke that comes out of the vent stacks on houses or holes in the ground is non-toxic, harmless. It does not create a fire hazard. The Police and Fire Departments will be made aware of the test areas and schedule.

Do residents have to do anything to prepare their homes for Smoke Testing?

Plumbing drain traps are normally filled with water to prevent the smoke from entering the building. If you are concerned about low-use drains, run the faucet for 30-60 seconds or pour about 3 cups of water into floor and sink drains to fill the traps. If smoke does enter, the resident should consult a licensed plumber to perform the repairs. If smoke from the testing can enter through faulty plumbing, the potential exists for dangerous sewer gases to also enter the home.

Does the resident need to be home when the Smoke Testing is performed?

Homeowners do not need to be home and at no time will field crews need to enter the residence. Field inspectors will be documenting the testing, taking photos and measuring distances so that the defects may be found at a later date and repaired.

What happens after the smoke testing has been completed?

The Town will notify residents who need to make corrections with a letter explaining the nature of defect found and the type of repair needed. We will work with property owners on a timeline for repairs if needed. In most cases a property owner will be allotted 30 days to perform any remedial work that is required.

For further questions regarding this program or test procedure, please call the Engineering Department at: (914) 962-5722 ext. 220



Manhole Inspection Form

Employee: _____

Date: _____

Location: _____

Manhole ID/Address: _____

Present Use: Storm Sanitary Other _____

Grade to Manhole: Flush Below Above

Cover Diameter: _____

Cover Condition: Good Fair Poor

Riser Rings: Number _____ Alignment: _____

Casting Condition: Good Fair Poor

Manhole Type: Precast Brick Block Combination

Manhole Condition: Good Fair Poor

Step Condition: Good Fair Poor

Type: Re-rod Cast Reinf. Plastic Other _____

Apron Condition: Good Fair Poor

Drop Manhole: Yes No

Type: Outside Inside

Infiltration: Yes No

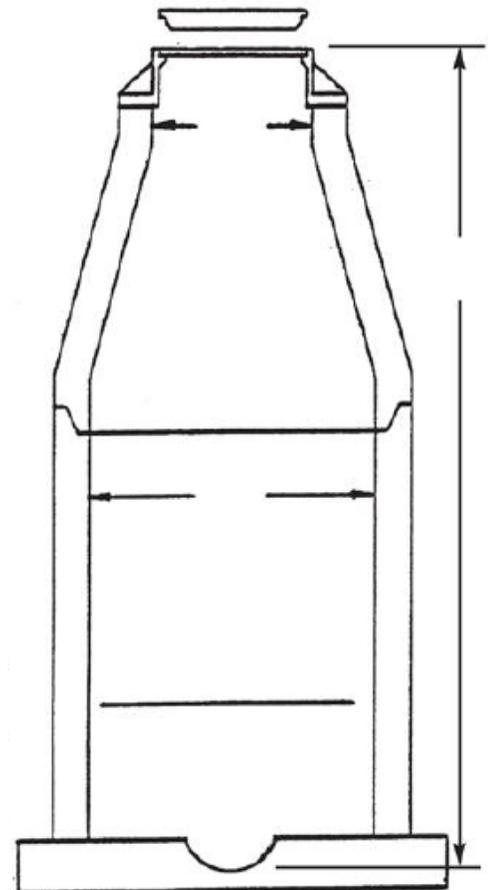
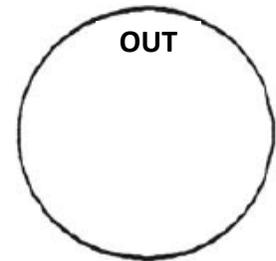
Where: Pipe Invert Casting Walls

Comments: _____

FLOW



Indicate location(s) of all inlets as "IN," or leave blank if not applicable





ANNUAL PUMP STATION INSPECTION CHECKLIST

SITE: _____

DATE: _____

SITE

- Inspect Grounds
- Ensure that all debris has been removed from site
- Ensure that all required signage has been installed (incl. Pump Station I.D. sign)

WETWELL

- Inspect interior coating (cracks, blisters, loose material, exposed concrete, etc.)
- Inspect exterior coating (coal-tar epoxy)
- Inspect concrete penetrations (discharge piping, conduits, etc.)
- Verify all required signage has been provided ("Confined Space Entry – Permit required", OSHA, etc.)
- Verify operation of (bubbler and/or floats) per approved design
- Inspect alignment of discharge piping
- Inspect paint used in piping
- Inspect grating platform and supports (stainless and fiberglass grating) with stainless steel fasteners

PUMPS

- Pull each pump and reset; check for ease of removal, alignment of rails and proper sealing at disconnect flange
- Inspect cord and cord placement

VALVE VAULT

- Inspect interior coating (cracks, blisters, loose material, exposed concrete, etc.)
- Inspect paint on all mechanical piping (cracks, blisters, loose paint)

ALARM

- Check communication link to YHWWTP base station / alarm company
- Inspect field wiring

OPERATIONS TEST – PUMP SYSTEM

- Verify pump rotation, reverse leads if necessary
- Inspect sealing flange of pump for proper seal (no leaks)
- Pull pumps and extract from wetwell; ensure clearances are maintained and pumps travel smoothly on rail system; check pump cords for obvious obstructions
- Test "high water" and "low water" alarms
- Note any unusual noises/vibrations

OPERATIONS TEST – GENERATOR

- Verify diesel tank is fully fueled
- Run generator in “manual” mode ; check hertz, voltage, etc. verify operation of load bank
- Simulate power failure (disconnect main breaker); verify automatic start of genset
- Verify automatic transfer of power to emergency source; check for proper time delay between sequences
- Let run for (5) minutes
- Restore utility power source; verify automatic transfer, cool down cycle time; and shut down
- Test load bank for proper operation
- Verify all required signage has been provided (“Confined Space Entry – Permit required”, OSHA, etc.)

PIPING

- Ensure alignment of discharge piping between wetwell and valve vault

ELECTRICAL

- Verify that pump motor leads are a continuous run from pump to control panel
- Verify the usage of stainless steel strain reliefs on all pump and float cords
- Verify that the bubbler line is operating properly
- Verify that all conduit penetrations are grouted

CONTROL PANEL

- Ensure that wiring schematic is in door pocket
- Verify UL labeling
- Inspect enclosure for damage
- Verify all wires are labeled
- Verify all placards are in place
- General inspection of field wiring
- Conduct operation test of controls
- Test block heater and battery charge for proper operation

OPERATIONS & MAINTENANCE MANUALS

- Inventory of O&M manuals

NOTES: _____

Appendix E
Grease Reduction Program



Yorktown Town Hall
363 Underhill Avenue, P.O. Box 703
Yorktown Heights, NY 10598

(914) 962-5722
www.yorktownny.org

November 19, 2019

Restaurant
Address
Yorktown Heights, NY 10598

Re: Grease Trap Inspection

Dear Sir/Madam:

The Town of Yorktown has experienced several recent blockages in the sanitary sewer system and, as a result, we will be undertaking an area-wide inspection program to confirm that businesses such as yours that are required to have a grease trap in place are in compliance with all Westchester County rules and regulations that govern grease trap operation & maintenance.

It is anticipated that the Town inspection program will begin in **December 2019** and will take approximately 4 weeks to complete once started. We anticipate a 1-2 hour site inspection at individual businesses like yours that have a grease trap installation so we can verify all fats, oils and grease are being properly collected and prevented from entering the Town sewer collection system.

Blockages in the sanitary sewer piping lead directly to releases of wastewater to the environment and are a violation of our discharge permit under the State Pollutant Discharge Elimination System (SPDES). Further, the Town could face substantial fines from the New York State Department of Environmental Conservation if we do not undertake immediate actions to identify the source(s) of recent pipe blockages. It is in our collective interest to ensure the sanitary sewer collection system continues to operate as it was designed and we ask for your cooperation during this upcoming inspection program.

Should we find an instance where fats, oils and/or grease are bypassing the grease trap collection point, a violation under the Town Code (Illicit Discharge to Sanitary Sewer System) will be issued by Code Enforcement as an "Illicit Discharge to Sanitary Sewer System" and the business owner/tenant will be required to remediate the problem. The Town will also require a Grease Trap Maintenance Agreement be implemented if a violation is found so we can ensure proper future compliance.

If you wish to receive 24-hour advance notification of our inspection for scheduling and coordination purposes, please fill out the form below and return to the Engineering Department as soon as possible. We will make every effort to provide the requested notification; however, we do wish to advise you that the Town Engineer (or his duly authorized representative) has the regulatory authority to perform these inspections with no prior notice and these can be performed at any time during regular business hours per the Town code.

Respectfully,



Michael Quinn, P.E.
Town Engineer

MQ:\mk:F:\Sewer Plant\CMOM\Grease Trap\Grease Trap Inspections\Inspection Letters\Grease Trap Inspection Letter_Form.docx

Business Name: _____

Address: _____

Contact Person: _____

Phone: _____

Email: _____

Return Address:
Town of Yorktown
Engineering Department
363 Underhill Avenue
Yorktown Heights, NY 10598

Yorktown Grease Trap Inspection List

No.	Facility	Address	Facility Rep.	Date of Inspection	Notes
1	Izla Restaurant	3635 Hill Blvd	Steve	10/23/2019	
2	Golden House	3639 Hill Blvd	Ling	10/23/2019	
3	A&S Pork Store	3689 Hill Blvd	Mario	10/23/2019	
4	Frankie & Augie's	3673 Hill Blvd	Joe	10/23/2019	
5	Hill Blvd Diner	3665 Hill Blvd		10/23/2019	
6	Vittoria'Z on the Lake	489 E. Main St	Frank	10/24/2019	
7	Edwin's Deli	1921 Commerce St	Steve	1/15/2020	
8	China Star	1923 Commerce St	Mike	1/15/2020	
9	Pappous Greek Kitchen	1983 Commerce St	Rvi	1/15/2020	
10	Oscars Restaurant	2026 Saw Mill River Rd	Oscar	1/15/2020	
11	Nonnas Pizzeria	367 Downing Dr	Adil	1/15/2020	
12	POW! Burger	96 Triangle Ctr	David	1/15/2020	
13	Yorktown Diner	340 Downing Dr	Nick	1/15/2020	
14	ACME - Bakery	100 Triangle Ctr	Mike	1/16/2020	
15	Salsa Fresca	36 Triangle Ctr	Taylor	1/16/2020	
16	Burger King	385 Downing Dr	Pedro	1/16/2020	
17	Yorktown Grille	347 Downing Dr	Matt	1/16/2020	
18	Yorktown Pizza & Pasta	2013 Crompond Rd	Joe	1/16/2020	
19	Jewel of Himalaya	34 Triangle Ctr	Tashi	1/16/2020	
20	Marias Pizza	2041 Saw Mill River Rd	Sam	1/16/2020	
21	Bagel Emporium	1893 Commerce St	Al	1/16/2020	
22	The Pub	1927 Commerce St	Vicky	1/16/2020	
23	Okinawa Hibachi	48 Triangle Ctr	Nancy	1/16/2020	
24	Sue & Hai	2038 Saw Mill River Rd	Jackie	1/16/2020	
25					

Yorktown Grease Reduction Program

Grease Interceptor Maintenance, Procedures and Cleaning Logs



Town of Yorktown

Engineering Department

April 2017

HOW GREASE INTERCEPTORS WORK

Every business that generates fats, oils and grease (FOG) (e.g., restaurants, food handling operations, hospitals, day care and senior centers), is required to have grease interceptors to prevent these materials from entering and clogging sewer lines.

This equipment works by separating the FOG from the wastewater. Grease wastewater entering the interceptor passes through a vented flow-control fitting that regulates the flow of the wastewater. The wastewater then passes under one or more separator baffles, or regulating devices within the interceptor, that separate the FOG from the wastewater. The FOG then floats to the top of the interceptor, where it accumulates until manually removed. The grease – free water continues to flow through the interceptor into a wastewater discharge pipe, and then to the Town’s sewer system.

INSTALLING AND MAINTAINING YOUR GREASE INTERCEPTOR

If a grease interceptor is not properly installed or maintained it will not do its job. For your own assurance, the Town of Yorktown requires that only licensed plumbers install grease interceptors. These interceptors must be the correct size to work properly. A licensed plumber can determine the correct size, based on the sizing criteria. For technical assistance plumbers and business owners may contact the Town of Yorktown’s Engineering Department at (914) 962-5722 x 220.

Every grease interceptor should be cleaned as frequently as necessary to avoid exceeding its rated capacity. To clean, remove the cover of the interceptor and scoop out any grease and/or oil that has collected on top. Also remove all solid food material that has settled at the bottom of the interceptor. FOG from the grease interceptor, as well as waste cooking oil, can be recycled, and should be collected by a fat renderer or other grease recycling company.

Best Management Practices for Commercial Food and Restaurant Facilities

Train kitchen staff and other employees about how they can help ensure BMPs are implemented.

Reason: People are more will to support an effort if they understand the basis for it.

Benefit: All of the subsequent benefits of BMPs will have a better chance of being implemented.

Post “No Grease” signs above sinks and on the front of dishwashers.

Reason: Signs serve as a constant reminder for staff working in kitchens.

Benefit: This will help minimize grease discharge to traps/interceptors and reduce the cost of cleaning and disposal.

“Dry-wipe” pots, pans, and dishware prior to dishwashing.

Reason: By dry-wiping and disposing in the garbage, the material will not be sent to the grease traps.

Benefit: This will reduce the amount of material collected in the grease trap and interceptors, and will lessen cleaning and maintenance costs.

Dispose of food waste by recycling or be depositing in with other solid waste.

Reason: To divert food wastes away from grease traps and interceptors.

Benefit: Recycling or solid waste disposal will reduce the frequency and cost of grease trap and interceptor cleaning.

Recycle waste cooking oil.

Reason: Cooking oil that ends up in grease traps will have to be pumped, costing businesses money.

Benefit: There is less waste to dispose of.

Cover outdoor grease and oil storage containers.

Reason: Rainwater into open containers can cause an overflow onto the ground leading to stormwater collection systems, creeks and streams.

Benefit: Avoidance of polluting streams, creeks and other water bodies.

Routinely clean kitchen exhaust system filters.

Reason: If grease and oil escape through the kitchen exhaust system, it can accumulate on exterior surfaces, eventually entering the storm drain system when it rains.

Benefit: Minimizes the chance of grease-related fires and the likelihood of grease entering nearby water bodies.

Do not pour grease down sinks or into toilets.

Reason: Grease poured into a toilet or sink can congeal, clogging sewer pipes and cause backups.

Benefit: Lower plumbing bills and no loss of business due to sewer backups.

Avoid or limit the use of garbage disposals.

Reason: Garbage disposals grind large food particles into small pieces. These pieces can fill up a grease trap causing backups or may require more frequent pump outs of the grease trap.

Benefit: No sewer backups and less money spent cleaning out the grease trap.

Clean interceptors with a capacity of 100 gallons or less weekly or more frequently if needed.

Reason: *Weekly (or more frequent) cleaning of the grease trap by a facility's own staff will reduce maintenance cost and lower the risk of backups.*

Benefit: *Cleaning under-sink grease traps frequently will reduce the frequency and cost of grease interceptor cleaning.*

Use a three-sink dishwashing system, including washing, rinsing and sanitizing.

Reason: *The three-sink system uses water less than 140°F, where a mechanical dishwasher requires a minimum temperature of 160°F.*

Benefit: *The facility will reduce energy costs for heating the water and operating the dishwasher.*



Fats Oils and Grease Best Management Practices Observation Checklist for Restaurants

Approved BMPs for Restaurants:

	Yes	No	N/A
1. Train kitchen staff and other employees about how they can help ensure BMPs are implemented.	_____	_____	_____
2. Post "No Grease" signs above sinks and on the front of dishwashers.	_____	_____	_____
3. "Dry wipe" pots, pans, and dishware prior to dishwashing.	_____	_____	_____
4. Dispose of food waste by recycling and/or solid waste removal.	_____	_____	_____
5. Recycle waste cooking oil.	_____	_____	_____
6. Cover outdoor grease and oil storage containers.	_____	_____	_____
7. Routinely clean kitchen exhaust system filters.	_____	_____	_____
8. Do not pour grease down the sinks or into the toilet.	_____	_____	_____
9. Avoid or limit the use of garbage disposals.	_____	_____	_____
10. Clean interceptors with a capacity of 100 gallons or less weekly or more frequently if needed.	_____	_____	_____
11. Use a 3-sink compartment dishwashing system, including sinks for washing, rinsing and sanitizing.	_____	_____	_____
12. Use strainers in sinks to catch food scraps and other solids.	_____	_____	_____
13. Keep a maintenance log on grease interceptor/trap maintenance.	_____	_____	_____

Signature of Owner/Manager:

Date of Observation:

Tips on Grease Trap/Interceptor Cleaning Frequency

It is important to clean your grease trap/interceptor regularly to prevent fats, oil and grease (FOG) from mixing with water that is discharged to the sewer. The *minimum cleaning frequency* required for grease traps/interceptors in food service facilities is *90 days*. However, more frequent cleaning intervals may be necessary to prevent your grease trap/interceptor from operating poorly or improperly.

FOG can have a detrimental impact not only on your facility, but the environment as well. FOG-clogged lines can back sewage up into your establishment and overflow out of manholes in parking lots and streets.

If you see floating grease or grease deposits in a cleanout “downstream” of your trap/interceptor, you need to increase the cleaning frequency and initiate a more regular schedule.

Tips on routine maintenance

- *It is recommended that a professional service be used to ensure proper maintenance.*
- Since grease traps/interceptors may have an unpleasant odor. It is recommended that you have them cleaned prior to patrons visiting your establishment.
- Use Allen screws for securing the lid of your trap/interceptor instead of the conventional Phillips or slot screws. Phillips or slot screws may become stripped over time.
- Keep an extra gasket on site for your grease trap/interceptor’s lid to prevent leaks and odors in the event of a gasket failure.
- Develop and keep a grease trap/interceptor cleaning procedure and maintenance log sheet posted near the grease trap/interceptor to encourage employees to follow procedures and to promote proper documentation after each cleaning.
- Facilities experiencing high employee turnover or other factors making regular trap/interceptor maintenance difficult should consider using a professional service.
- Keep cleaning documentation for a period of not less than five years.

Tips on cleaning your grease interceptor (less than 100 gallons)

- Prior to cleaning a grease interceptor (less than 100 gallons), let ice melt into the sink connected to the device. This will reduce odors and cause the grease to congeal, making grease removal easier.
- Remove grease periodically (weekly or more often is suggested), using a scoop. Remove only the grease and leave the water behind.
- At a minimum, clean and empty the entire contents of the grease interceptor once a month.

- Remove the grease, water, and any accumulated sludge on the bottom of the interceptor.
- Remove the cleanout at the end of the grease interceptor and perform a visual inspection to check for any grease deposits/build-up inside the pipe.
- Clean any greasy deposits from the piping so you can observe when new grease deposits form, and flush with hot soapy water before closing the cleanout.
- Make sure the flow directing baffles inside your grease interceptor are properly replaced after each cleaning.



Grease Trap/Interceptor Maintenance Procedure

Grease Interceptor maintenance must be conducted a minimum of every 90 days **or** more frequently if the unit has accumulated waste, both floatable and settleable, accounting for 25 percent of its wetted depth, as measured from the static water level to the interior tank bottom.

The grease interceptor shall be left completely empty upon completion of maintenance. All floating grease, liquids, sludge, and scrapings from the interceptor must be removed.

Under no circumstances may the waste hauler reintroduce the removed water or materials into the City's sewer system, other than at approved disposal stations. *Flushing an interceptor with hot water or the use of chemicals or other agents to dissolve or emulsify grease and allow it to flow into the wastewater treatment system is prohibited.*

Since the establishment is the generator of the grease waste and is liable for the condition of their pretreatment devices, the owner of the establishment or his designee may want to witness all cleaning/maintenance activities to verify that the grease interceptor is being fully cleaned and properly maintained.

Cleaning Grease Traps (greater than 100 gallons)

- Pump all grease and other floating material from the top of the interceptor. The interceptor may need to be agitated slightly to loosen the grease layer.
- Insert the vacuum tube all the way to the bottom the interceptor to remove all settled solids.
- Vacuum water out of the interceptor.
- Clean the sides and bottom of the interceptor. This may be done by "back flowing" the water from the pump truck or by using a pressurized water source to hose down the interceptor.
- Make sure the interceptor is completely clean.
- Vacuum remaining water out of the trap.
- Check that the sanitary T's on the inlet and outlet sides of the interceptor are not clogged or loose.
- Make sure any baffles are secure and in place.
- Inspect the interceptor for any cracks or defects.
- Check that lids are securely and properly sealed after completion of maintenance.
- Provide a receipt or other documentation to the facility owner for their records.

Cleaning Grease Interceptors (less than 100 gallons)

- Bail out any water in the trap. The water may be discharged into the sanitary sewer system.
- Remove the baffles, if possible.
- Dip the accumulated grease out of the interceptor and deposit in a watertight container.
- Scrape the sides, lid and baffles with a putty knife to remove as much of the grease as possible, and deposit in a watertight container.
- Contact a hauler or recycler for grease pick up or place in trash for pick up.
- Replace the baffle and the lid.
- Record the date, employee name and volume of grease removed on the record keeping log.



Town of Yorktown
Engineering Department
363 Underhill Ave
Yorktown Heights, NY 10598

Yorktown Grease Reduction Program

Inspector: _____

Establishment: _____

Signature: _____

Address: _____

Date: _____

Contact: _____

Time Inspection Started: _____

Phone: _____

Time Inspection Completed: _____

Description	Yes	No	Comments
Record of interceptor cleaning is on site and updated.	<input type="checkbox"/>	<input type="checkbox"/>	
Interceptor is completely clean and the entire contents removed during service.	<input type="checkbox"/>	<input type="checkbox"/>	
Sanitary "T's" on the inlet and outlet sides of the interceptor compartments are not clogged, loose, or damaged.	<input type="checkbox"/>	<input type="checkbox"/>	
All baffles are secure and in place.	<input type="checkbox"/>	<input type="checkbox"/>	
Interceptor does not have cracks or defects (walls and floor).	<input type="checkbox"/>	<input type="checkbox"/>	
Interceptor sample box or clean out (if equipped) was opened and cleaned.	<input type="checkbox"/>	<input type="checkbox"/>	
Manhole covers are securely and properly seated after completing cleaning.	<input type="checkbox"/>	<input type="checkbox"/>	
Storm drains are protected from fats, oils and/or grease.	<input type="checkbox"/>	<input type="checkbox"/>	
Photo documentation of all inlets and outlet fittings, internal baffles, walls, floor and all other internal structures are attached to this document.	<input type="checkbox"/>	<input type="checkbox"/>	