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# REPORT

MAY 2023

CITY OF  
**Rochester**  
New Hampshire

Year One I/I Investigations – Phase 2 –  
Sewer Manhole Inspections



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May 19, 2023

Peter Nourse  
Director of City Services  
City of Rochester  
209 Chestnut Hill Road  
Rochester, NH 03867

Re: **Year 1 Phase 2 I/I Investigations: Sewer Manhole Inspections**

Dear Mr. Nourse:

In accordance with our July 7, 2022 agreement, Weston & Sampson is pleased to submit our draft report for the City of Rochester 2022 Sewer Manhole Investigation. This report includes work updates and analysis conducted through Fall 2022. This project consisted of performing topside manhole inspections in Rochester and revising the existing site sewer connectivity mapping.

This report presents our analysis of the manhole inspection results, a cost-effectiveness analysis, and recommendations for sewer system improvements. Since the New Hampshire Department of Environmental Services (NHDES) does not have a guideline for performing I/I analyses, the Massachusetts Department of Environmental Protection's (MassDEP) Guidelines for Performing I/I Analyses and SSES was used.

### ***Area Description and Project Objectives***

The City of Rochester sewer system is comprised of approximately 2,020 sewer manholes/sewer structures, and approximately 437,091 linear feet (LF) of gravity sewer pipe. The project area mapping plan is attached in this report within Appendix A; *City of Rochester Sewer System Map Subareas 3, 9, and 19*. The map will continue to be revised for accuracy as additional inspection work is performed.

The 2022 sewer manhole inspections goal was to identify sources of infiltration and inflow (I/I) in the sewer system. By removing illicit and excessive I/I, the sewer system's total hydraulic flows would be reduced, leading to increased sewer capacities. Additionally, the performed manhole inspections identified and recorded the location and severity of all observed defects. This approach seeks to maximize the effectiveness of the investigation through total system maintenance along with I/I removal.

### ***Groundwater Levels***

A permanent United States Geological Survey (USGS) groundwater gauge located in Sanford, Maine monitors groundwater levels. Data from this groundwater gauge serves to indicate the general groundwater trends of the region. It should be noted that this USGS gauge is located approximately 20.6 miles away from the Rochester border and is not necessarily an accurate representation of the groundwater levels in Rochester. However, the Sanford groundwater gauge does provide an indication of groundwater trends in the area. A graph representing the groundwater readings recorded during the study period from the USGS gauge is shown in Figure 1 below.

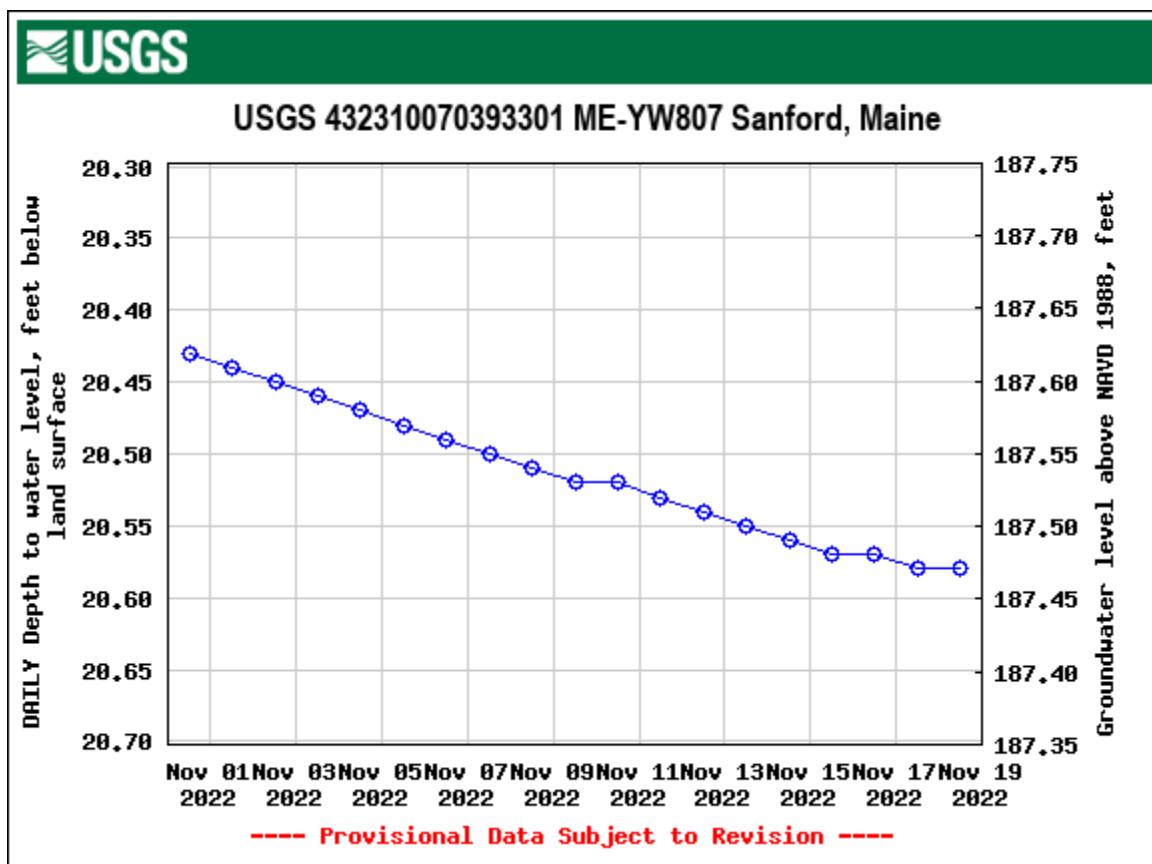


Figure 1: USGS Groundwater Gauge - Sanford, ME

### Topside Manhole Inspections

Manhole inspections consist of topside visual inspections of sanitary sewer manholes. Location, diameter, depth, material, casting and cover size, and observed source(s) of infiltration are recorded at each manhole. The inspections are typically completed during high groundwater periods during the spring or fall season in order to witness the theoretical maximum of I/I sources and flowrates within the sewer manholes. The inspection also provides data on structural defects in manholes that should be rehabilitated or replaced as part of the City's regular maintenance activities. In addition, a GPS unit was used to take vertical measurements of each manhole cover and the incoming/outgoing pipe elevations. This data was collected for Weston & Sampson who are in the process of creating a hydraulic model of the City of Rochester's Sewer System. The manhole inspection logs are located within Appendix B, "*Manhole Inspection Logs*". Area, frame and cover, and internal photos for each manhole inspected can be provided upon request.

Weston & Sampson performed 191 manhole inspections from October 31 to November 18 in 2022. It should be noted that there was a drought in the summer of 2022, which led to lower groundwater levels than anticipated at that time of inspection. The manhole inspections in this case were conducted during a time period that experienced a significant increase in rain events in an attempt to view infiltration from the rising groundwater level as a result of the rain. Infiltration of an estimated 9,216 gpd was actively observed during the inspections. No sources of inflow were observed during the inspection period. The results of the manhole inspections are summarized in Table 1, "*Manhole Summary*" within Appendix C.

Structural defects were found in fifteen (15) manholes. Structural defects include deficiencies such as loose or missing bricks in the riser or bench and invert sections, or defective frames and covers. Recommendations for rehabilitation and estimated costs are listed in Table 2, “*Manhole Structural Defects*” within Appendix C.

Inspections were not able to be performed at thirty-seven (37) sewer manholes in the City’s sewer system. These manholes either could not be opened, were full of debris, or could not be located at the time of inspection, preventing a proper and thorough inspection. These thirty-seven (37) sewers manholes are not included in the analysis of this report. These manholes are listed in Table 3, “*Manhole Inspection Status*” in Appendix C.

### ***Miscellaneous Findings***

The following manholes had significant debris (brick, broken manhole cover pieces, concrete, broken clay pipe, trash, etc.) on the bench and/or in the invert at the time of inspection, and are therefore recommended to be cleaned:

- SMH-0320: River Street
- SMH-0350: Gagne Street
- SMH-0724: Loring Drive
- SMH-0732: Rochester Neck Road
- SMH-1298: Matildas Way
- SMH-1299: Matildas Way
- SMH-1346: Wilson Street
- SMH-1387: Jefferson Street
- SMH-1415: Winch Way
- SMH-1476: Sheridan Avenue
- SMH-1568: Gonic Road
- SMH-1771: Trinity Circle ROW
- SMH-1774: Trinity Circle ROW
- SMH-2711: Millers Farm Drive
- SMH-2833: Taylor Avenue ROW

### ***Cost-Effectiveness Analysis***

A cost-effectiveness analysis (CEA) was performed for all manhole defects to determine the merit of performing a given rehabilitation. The CEA compares the estimated cost for removing I/I to the estimated savings in transportation and treatment (T&T) costs resulting from each I/I removal. T&T costs consist of capital expenditures required to expand and upgrade the wastewater system, plus annual operation and maintenance (O&M) costs. O&M costs are directly related to the quantity of flow being discharged to the treatment facilities.

The present worth of the T&T cost for Rochester was calculated using O&M and capital costs based on the City of Rochester’s FY22 budget. The T&T costs have been extended throughout the projected life-cycle of the rehabilitation of 20 years. Using the MassDEP FY22 rate of 2.25%, extended over 20 years, the present worth of facilities T&T costs is \$41.88/GPD. A memorandum detailing the methodology and the calculation of T&T costs may be found in Appendix D, “*T&T Cost Calculation*”.

T&T costs can change annually. Therefore, if the recommended rehabilitation program included in this report is not conducted within one year, Weston & Sampson recommends a re-calculation of

the T&T costs to assure the design continues to be based on a valid CEA. Typically, when T&T costs increase, the scope of recommended rehabilitation will also increase.

The calculation of T&T costs for a particular I/I source considers only the portion of I/I that can be reduced through rehabilitation. The percentage of I/I that can be reduced depends greatly upon both the individual source and the specified repair method. Due to the potential for infiltration to migrate from a repaired defect to a nearby defect that may not have warranted rehabilitation or could not be identified during the inspection, the percentage of removable infiltration is typically estimated to be 50 percent. The percentage of removable inflow is typically closer to 100% if rerouted to a drainage pipeline or drainage outlet. This percentage of I/I reduction is identified in the CEA as “removable” infiltration.

The CEA table shows the T&T cost associated with the observed infiltration as well as recommended rehabilitation methods and costs. The analysis produces one of four conclusions:

- **Excessive** indicates the cost to rehabilitate the manhole is less than the associated T&T cost and that rehabilitation is recommended.
- **Value-Effective** indicates the rehabilitation cost is more than the T&T cost, but the rehabilitation is still recommended because of the relative value of the repair.
- **Non-Excessive** indicates the cost to rehabilitate the manhole is more than the T&T cost and rehabilitation is not recommended at this time.
- **Non-Excessive Recommended** indicates the rehabilitation cost is more than the T&T cost, but rehabilitation is recommended due to the severity of the defect. Non-Excessive Recommended rehabilitations include defects that are in need of structural repairs and could become sources of infiltration, or result in emergency repairs as the condition of the defect continues to degrade.

The CEA results for manhole infiltration and a summary of the recommended rehabilitation costs are provided in Table 4, “*Cost Effective Analysis for Infiltration Manholes*”.

A summary of the results of the CEA are as follows:

- 4,608 gpd of excessive removable infiltration at an estimated rehabilitation cost of \$3,956. The associated T&T cost is \$192,983.

In addition, the following structural manhole repairs are not cost-effective but are recommended and included in the Recommended Rehabilitation Program:

- \$9,000 to replace frame and/or cover of six (6) manholes
- \$1,250 to repair the chimney of five (5) manholes
- \$250 to repair the cone of one (1) manhole
- \$250 to repair the wall of one (1) manhole

### ***Conclusions & Recommendations***

Based on the observations made during the 2022 Sewer Manhole Investigation, Weston & Sampson has developed a Recommended Rehabilitation Program for identified defects and sources of I/I within the inspected manholes. The recommended rehabilitations are provided in Tables 2 and 4, with a summary provided below.

***Recommended Rehabilitation Program:***

Interior sealing and exterior grouting of three (3) manholes (from CEA):	\$3,956
Replace six (6) manhole frames and covers, \$1,500 each:	\$9,000
Repair the chimney of five (5) manholes, \$250 each:	\$1,250
Repair the cone of one (1) manhole, \$250 each:	\$250
Repair the wall of one (1) manhole, \$250 each:	\$250
<b>Total Construction Cost:</b>	<b>\$14,706</b>

It is important to note that manhole structures may degrade between the time of inspection and the time of rehabilitation. Generally, the more time that elapses the greater the chance of material and structural degradation.

***I/I Program Continuation and Proposed 2023 Inspection Activities***

Weston & Sampson recommends that the City continue with its proactive approach towards inspection and rehabilitation of its sewer system. Regular sewer system inspection ensures that necessary rehabilitation work is identified and performed on an established and timely basis to reduce I/I and prevent serious problems requiring costly emergency repairs.

It is recommended that manhole inspections, closed circuit television (CCTV) inspection, flow isolation, and building inspections be performed in the spring and summer of 2023. The estimated scope of work for manhole inspections, CCTV inspections, flow isolation, and building inspections is as follows:

<u>Task</u>	<u>Estimated Scope</u>	<u>Start Date</u>
Manhole Inspections	Up to 270 Sewer Manholes	Spring 2023
CCTV Inspection:	Up to 48,000 LF	Spring 2023
Flow Isolation	Up to 31,000 LF	Spring 2023
Building Inspections:	Up to 4,500 Buildings	Summer 2023

The linear footage of the system may change as the buried extents of the sewer system have yet to be inspected in full and vary from mapping established to date. The dates provided are typical start times for each inspection which coincide with the optimal seasonally high groundwater table in the region. When the groundwater table is higher in the spring, the CCTV inspection, flow isolation, and manhole inspections tend to observe the peak seasonal infiltration within the sewer piping.

Data collected during these activities will increase the accuracy of the sewer system infrastructure mapping, better understand the sewer pipe size and materials within the sewer system, identify infiltration within the sewer pipes of the sewer system, and identify point sources of inflow. By performing these remaining 2023 proposed inspection activities, the City will largely understand the physical characteristics and attributes of the sewer manholes and pipelines, plus have a detailed understanding of each observed source of contributing I/I as well as each observed structural defect. The next steps for 2023 and beyond would be to prioritize all the observed defects and continue budgeting money annually to address the cost effective and structural defects to remove I/I from the

system and to preemptively repair or replace worn elements within the system to prolong the functional life of the City sewer system.

We wish to thank you and the members of the City of Rochester DPW staff for their assistance while completing this project. We are available to meet with you at your earliest convenience to discuss this report. Please do not hesitate to contact me at (603) 570-6318 with any questions or comments you may have.

Sincerely,

WESTON & SAMPSON

A handwritten signature in blue ink, appearing to read "J.M. Sykora III", is displayed on a light blue background.

**John M. Sykora III**  
Senior Team Leader

#### Attachments

Appendix A – City of Rochester Sewer System Map

Appendix B – 2022 Sewer Manhole Inspection Logs

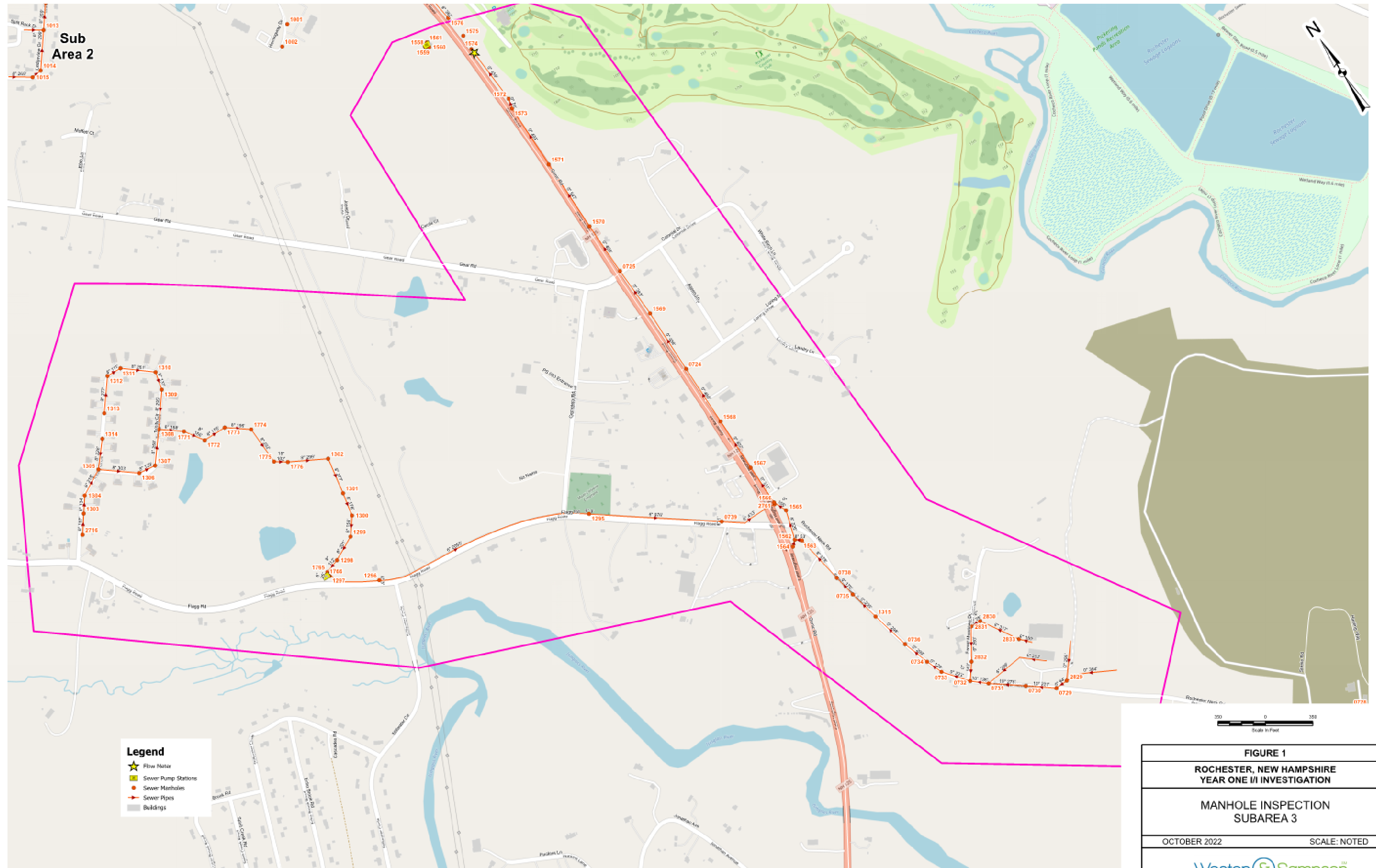
Appendix C – 2022 Sewer Manhole Inspection Tables

Appendix D – T&T Cost Calculation

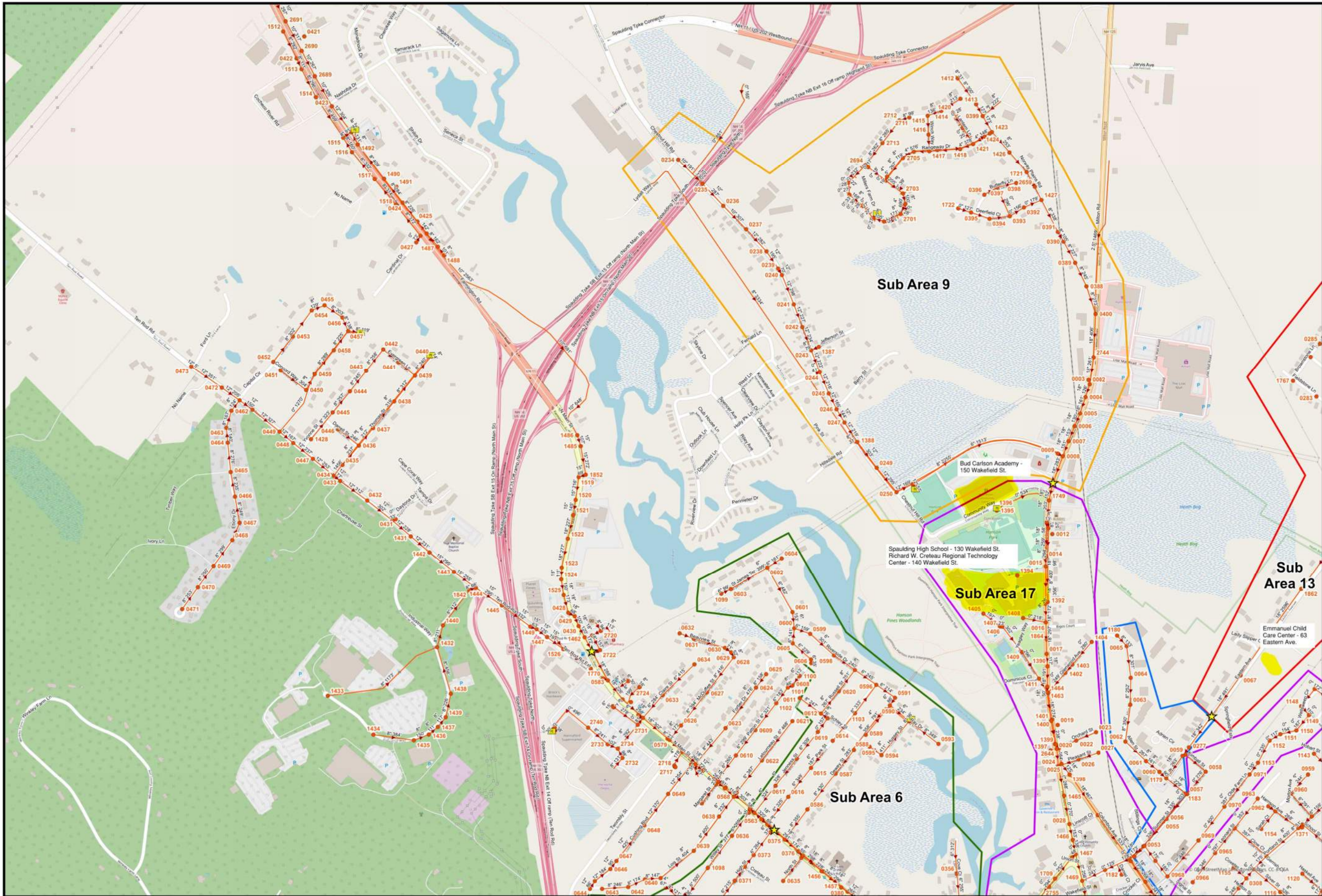


## **APPENDIX A**

### **CITY OF ROCHESTER SEWER SYSTEM MAP**







**City of Rochester, New Hampshire**

**Flow Metering**

**Map Sheet 2 of 6**

**2**

**Weston & Sampson**

**Sub Area 6**

**Sub Area 9**

**Sub Area 13**

**Sub Area 17**

**Legend**

- Flow Meter
- Sewer Manholes
- Sewer Pump Stations
- Sewer Pipes

**Data Sources:**

Client: **City of Rochester, New Hampshire**

Database 1 name: **Database 1**

Database 2 name: **Database 2**

Derived Database 1: **Derived Database 1**

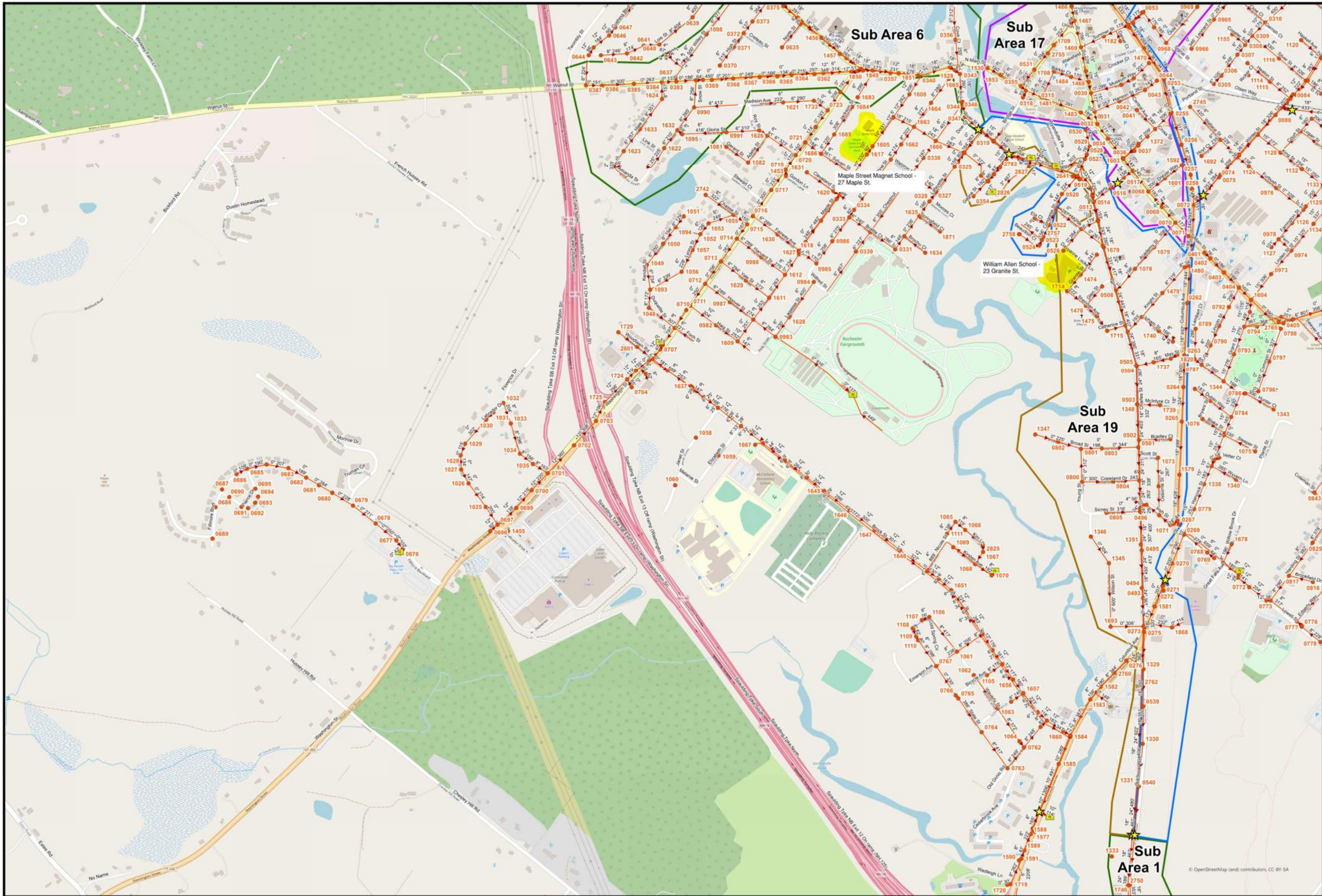
Derived Database 2: **Derived Database 2**

**Disclaimer:**

This information is for planning purposes only and should not be considered exact. Field inspection and verification is required. This data was created from schematic maps.

**AUGUST 2022**





**CITY OF ROCHESTER,  
NEW HAMPSHIRE**

FLOW METERING

AUGUST 2022

**Data Sources:**

Client  
Weston & Sampson  
Data Sources: 1. name, 2. name, 3. name  
Data Sources: 1. derived, 2. derived, 3. derived

**Disclaimer:**

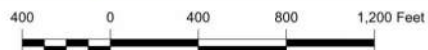
This information is for planning purposes only and should not be considered exact. Field inspection and verification is required. This data was created from schematic maps.

- ★ Flow Meter
- Sewer Manholes
- Sewer Pump Stations
- Sewer Pipes



4

MAP SHEET 4 of 6





## **APPENDIX B**

### MANHOLE INSPECTION LOGS

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: CHARLES ST ROW

Location: STREET

Surface Type: UNKNOWN

Subarea: 19

Manhole: 0273

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

## PIPE DETAIL

<u>Flow</u>		<u>To/From</u>		<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>		
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: RIVER ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0319

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 13.7

Surcharge Evidence: NO

Steps Condition: NEEDS REPAIR

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: BRICK

Wall Material: BRICK

Chimney Condition: FAIR

Cone Condition: FAIR

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	320	NONE	N/A	NO	12	15	PVC
OUTGOING	21	2641	N/A	N/A	N/A	6	15	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: RIVER ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0320

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 28

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: YES

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 13.5

Surcharge Evidence: NO

Steps Condition: NEEDS REPAIR

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	N/A	N/A	N/A	N/A	YES	12	15	PVC
OUTGOING	19	319	N/A	N/A	N/A	6	15	PVC
INCOMING	19	2921	NONE	N/A	NO	10	15	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: GAGNE ST

Location: SIDEWALK

Surface Type: CONCRETE

Subarea: 19

Manhole: 0350

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: YES

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 5.3

Surcharge Evidence: YES

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: UNKNOWN

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: UNKNOWN

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

TOO MUCH SURCHARGE - CANNOT SEE BENCH

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	351	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/7/2022

Inspector: SADIE BACKSTROM

Street: GAGNE ST

Location: SIDEWALK

Surface Type: CONCRETE

Subarea: 19

Manhole: 0351

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 5.3

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	350	NONE	N/A	NO	12	8	PVC
OUTGOING	19	352	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: GAGNE ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0353

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 11.6

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	354	OUTSIDE	7.36	NO	12	8	PVC
OUTGOING	19	2785	N/A	N/A	N/A	6	15	PVC
INCOMING	19	1869	NONE	N/A	NO	3	15	PVC
INCOMING	19	1636	INSIDE	5.17	NO	9	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: GAGNE ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0354

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.2

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	N/A	N/A	N/A	N/A	YES	3	8	PVC
INCOMING	N/A	N/A	N/A	N/A	YES	2	8	PVC
OUTGOING	19	353	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: CHARLES ST ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0494

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>				
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: CHARLES ST ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0496

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 11.5

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	1351	N/A	N/A	N/A	6	24	CI
INCOMING	19	1350	NONE	N/A	NO	12	24	CI
INCOMING	19	805	NONE	N/A	NO	10	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: CHARLES ST ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0505

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>	
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>
				<u>Position :</u>	<u>Diameter (in):</u>
					<u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: CHARLES ST ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0509

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: REPLACE

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

COVER CRACKED.

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>				
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: CHARLES ST ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0514

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 13.0

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	515	NONE	N/A	NO	12	24	PVC
OUTGOING	19	511	N/A	N/A	N/A	6	15	PVC
INCOMING	N/A	N/A	N/A	N/A	YES		6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: CHARLES ST ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0515

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

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## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>	<u>Diameter (in):</u>	<u>Material:</u>
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: CHARLES ST ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0518

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 13.7

Surcharge Evidence: NO

Steps Condition: NEEDS REPAIR

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: BRICK

Wall Material: BRICK

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	519	NONE	N/A	NO	12	15	PVC
OUTGOING	19	513	N/A	N/A	N/A	6	12	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: CHARLES ST ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0519

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 12.5

Surcharge Evidence: NO

Steps Condition: NEEDS REPAIR

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: BRICK

Wall Material: BRICK

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	2641	NONE	N/A	NO	11	15	CI
OUTGOING	19	518	N/A	N/A	N/A	6	15	CI
INCOMING	19	2759	NONE	N/A	NO	1	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: WOODMAN ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0526

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.9

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	1680	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: OLD DOVER RD ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0541

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 9.7

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	540	N/A	N/A	N/A	6	24	CI
INCOMING	19	1746	NONE	N/A	NO	12	24	CI

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: YOUNG ST

Location: STREET

Surface Type: UNKNOWN

Subarea: 19

Manhole: 0800

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

APPEARS TO BE A DRAIN PIPE, AND IS LABELED AS DRAIN.

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>			
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u> <u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: BROAD ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0801

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 26

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.4

Surcharge Evidence: NO

Steps Condition: NEEDS REPAIR

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: BRICK

Wall Material: BRICK

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	803	NONE	N/A	NO	1	6	CI
OUTGOING	19	802	N/A	N/A	N/A	6	8	CI
INCOMING	19	800	NONE	N/A	NO	9	8	CI



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: BROAD ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0802

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 26

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.7

Surcharge Evidence: NO

Steps Condition: NEEDS REPAIR

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: BRICK

Wall Material: BRICK

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	1347	NONE	N/A	NO	12	6	CI
OUTGOING	19	801	N/A	N/A	N/A	6	6	CI

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: BROAD ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0803

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 26

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 9.8

Surcharge Evidence: NO

Steps Condition: NEEDS REPAIR

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: BRICK

Wall Material: BRICK

Chimney Condition: FAIR

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	501	N/A	N/A	N/A	6	6	CI
INCOMING	19	801	NONE	N/A	NO	12	6	CI

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: COPELAND DR

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0804

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 22

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 8.3

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: BRICK

Wall Material: BRICK

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

16 VENT HOLES.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	800	NONE	N/A	NO	12	6	CI
OUTGOING	19	1349	N/A	N/A	N/A	6	8	CI

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: SYDNEY ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 0805

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: FAIR

Inflow: NONE

Cover Diameter (in) : 22

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 36

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.2

Surcharge Evidence: NO

Steps Condition: NEEDS REPAIR

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: BRICK

Wall Material: BRICK

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

16 VENT HOLES. FRAME LOOKS FRAGILE.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	496	N/A	N/A	N/A	6	6	CI
INCOMING			NONE	N/A	NO	12	6	CI

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: OLD DOVER RD ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1331

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 6.0

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	2762	NONE	N/A	NO	12	24	CI
OUTGOING	19	541	N/A	N/A	N/A	6	24	CI

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: WILSON ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1345

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 22

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 36

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 5.7

Surcharge Evidence: NO

Steps Condition: NEEDS REPAIR

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: BRICK

Wall Material: BRICK

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

16 VENT HOLES.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	1693	N/A	N/A	N/A	6	6	CI
INCOMING	19	1346	NONE	N/A	NO	11	6	CI

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: WILSON ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1346

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 22

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: YES

Roots: NO

Manhole Size (in): 36

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.9

Surcharge Evidence: NO

Steps Condition: NEEDS REPAIR

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: BRICK

Wall Material: BRICK

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	1345	N/A	N/A	N/A	6	4	CI
INCOMING	N/A	N/A	N/A	N/A	YES	10	4	PVC
INCOMING			NONE	N/A	NO	1	6	CI

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: BROAD ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1347

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 26

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 5.6

Surcharge Evidence: NO

Steps Condition: NEEDS REPAIR

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: BRICK

Wall Material: BRICK

Chimney Condition: FAIR

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	802	N/A	N/A	N/A	6	6	CI



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: CHARLES ST ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1348

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 12.9

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	501	N/A	N/A	N/A	6	24	CI
INCOMING	19	505	NONE	N/A	NO	12	24	CI

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: CHARLES ST ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1349

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.8

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: BRICK

Wall Material: BRICK

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	501	NONE	N/A	NO	12	24	CI
INCOMING	19	804	NONE	N/A	NO	9	6	AC
INCOMING	N/A	N/A	N/A	N/A	YES	11	8	CI
OUTGOING	19	1350	N/A	N/A	N/A	6	24	CI

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: CHARLES ST ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1350

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 11.4

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	496	N/A	N/A	N/A	6	24	CI
INCOMING	19	497	NONE	N/A	NO	3	24	CI
INCOMING	19	1349	NONE	N/A	NO	12	24	CI

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: CHARLES ST ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1351

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 10.2

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: FAIR

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

WHERE WALL AND CONE MEET IS OFF.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	494	N/A	N/A	N/A	6	24	CI
INCOMING	19	496	NONE	N/A	NO	12	24	CI

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: CONGRESS ST ROW

Location: STREET

Surface Type: UNKNOWN

Subarea: 19

Manhole: 1471

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

DID LOCATE - IS A FORCE MAIN.

## PIPE DETAIL

<u>Flow</u>		<u>To/From</u>		<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>		
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: GRANITE ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1473

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.8

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

DARKNESS INDICATES POSSIBLE INFILTRATION.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	1474	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: GRANITE ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1474

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.5

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

DARKNESS MAY INDICATE INFILTRATION.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	1714	N/A	N/A	N/A	6	8	PVC
INCOMING	19	1473	NONE	N/A	NO	12	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: SHERIDAN AVE

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1475

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 60

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 9.8

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: FAIR

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

DARKNESS ON WALL AND CONE SHOW SIGNS OF INFILTRATION.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	1476	NONE	N/A	NO	12	8	PVC
OUTGOING	19	1715	N/A	N/A	N/A	6	8	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: SHERIDAN AVE

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1476

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: YES

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.3

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	1477	NONE	N/A	NO	3	8	PVC
OUTGOING	19	1475	N/A	N/A	N/A	6	8	PVC
INCOMING	19	1714	NONE	N/A	NO	12	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: GLEN ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1477

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 36

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.2

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	1476	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: GAGNE ST

Location: SIDEWALK

Surface Type: ASPHALT

Subarea: 19

Manhole: 1636

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 36

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 4.7

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	352	NONE	N/A	NO	10	8	PVC
OUTGOING	19	353	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: MYRTLE ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1679

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: FAIR

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

FRAME HAS CRACKS IN IT.

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>	<u>Diameter (in):</u>	<u>Material:</u>
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: CHARLES ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1680

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 60

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 10.7

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: NEEDS REPAIR

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

TOP LAYER OF BRICKS ARE CHIPPED, NEEDS REPAIR.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	521	NONE	N/A	NO	9	8	PVC
INCOMING	19	512	NONE	N/A	NO	12	10	PVC
OUTGOING	19	526	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: WILSON ST

Location: STREET

Surface Type: GRASS

Subarea: 19

Manhole: 1693

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: REPLACE

Inflow: NONE

Cover Diameter (in) : 22

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 36

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 5.2

Surcharge Evidence: NO

Steps Condition: NEEDS REPAIR

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: BRICK

Wall Material: BRICK

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

NO INVERT ON SERVICE CONNECTION (LOOKS TO NOT BE IN SERVICE). FRAME IS HAS CHUNK MISSING.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	273	N/A	N/A	N/A	6	6	CI
INCOMING	19	1345	NONE	N/A	NO	1	6	CI

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: GRANITE ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1714

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.2

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	1476	N/A	N/A	N/A	6	8	PVC
INCOMING	19	1474	NONE	N/A	NO	2	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: CATHERINE ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1715

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 60

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 10.5

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	19	507	N/A	N/A	N/A	6	8	PVC
INCOMING	19	1475	NONE	N/A	NO	2	8	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/7/2022

Inspector: SADIE BACKSTROM

Street: GAGNE ST ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 1869

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>	<u>Diameter (in):</u>	<u>Material:</u>
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/7/2022

Inspector: SADIE BACKSTROM

Street: FOWNES MILL CT ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 2676

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 5.3

Surcharge Evidence: YES

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

FEEDS INTO THE PUMP STATION

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	2786	NONE	N/A	NO	1	15	CI
INCOMING	19	2828	NONE	N/A	NO	9	8	PVC
OUTGOING	19		N/A	N/A	N/A	6	15	CI

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: CONGRESS ST ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 2759

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 10.8

Surcharge Evidence: NO

Steps Condition: NEEDS REPAIR

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: BRICK

Wall Material: BRICK

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	520	NONE	N/A	NO	9	6	PVC
INCOMING	19	527	NONE	N/A	NO	3	6	PVC
OUTGOING	19	519	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: OLD DOVER RD ROW

Location: STREET

Surface Type: DIRT

Subarea: 19

Manhole: 2762

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 7.2

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	N/A	N/A	N/A	N/A	YES	7	8	CI
INCOMING	19	273	NONE	N/A	NO	12	24	CI
OUTGOING	19	1331	N/A	N/A	N/A	6	24	CI

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/7/2022

Inspector: SADIE BACKSTROM

Street: FOWNES MILL CT

Location: STREET

Surface Type: UNKNOWN

Subarea: 19

Manhole: 2783

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

COMPLETELY PAVED OVER. PHOTO NUMBER 299

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>			
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u> <u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: RIVER ST

Location: STREET

Surface Type: ASPHALT

Subarea: 19

Manhole: 2785

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 20.5

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	19	353	NONE	N/A	NO	9	15	PVC
OUTGOING	19	2783	N/A	N/A	N/A	6	15	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/7/2022

Inspector: SADIE BACKSTROM

Street: FOWNES MILL CT ROW

Location: STREET

Surface Type: UNKNOWN

Subarea: 19

Manhole: 2786

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

COMPLETELY PAVED OVER. PHOTO NUMBER 300

## PIPE DETAIL

<u>Flow</u>		<u>To/From</u>		<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>			
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>	

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/7/2022

Inspector: SADIE BACKSTROM

Street: FOWNES MILL CT

Location: STREET

Surface Type: UNKNOWN

Subarea: 19

Manhole: 2827

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

COULD NOT LOCATE, PROBABLY PAVED OR COVERED

## PIPE DETAIL

<u>Flow</u>		<u>To/From</u>		<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>		
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/7/2022

Inspector: SADIE BACKSTROM

Street: FOWNES MILL CT

Location: STREET

Surface Type: UNKNOWN

Subarea: 19

Manhole: 2828

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

COULD NOT LOCATE, PROBABLY PAVED OR COVERED

## PIPE DETAIL

<u>Flow</u>		<u>To/From</u>		<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>		
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/18/2022

Inspector: ANNA WOJCIK

Street: LORING DR

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 0724

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: YES

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 8.4

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1569	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1568	NONE	N/A	NO	12	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/18/2022

Inspector: ANNA WOJCIK

Street: GONIC RD

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 0725

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 8.4

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	2569	NONE	N/A	NO	12	8	PVC
OUTGOING	3	1570	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: ROCHESTER NECK RD

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 0729

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 10.8

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	2829	OUTSIDE	6.44	NO	12	8	PVC
OUTGOING	3	730	N/A	N/A	N/A	6	10	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: ROCHESTER NECK RD

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 0730

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.2

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

INCOMING PIPE IS CHIPPED.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	729	NONE	N/A	NO	12	10	PVC
OUTGOING	3	731	N/A	N/A	N/A	6	10	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: ROCHESTER NECK RD

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 0731

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 9.4

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	732	N/A	N/A	N/A	6	10	PVC
INCOMING	3	730	NONE	N/A	NO	12	10	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: ROCHESTER NECK RD

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 0732

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: YES

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 9.7

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	733	N/A	N/A	N/A	6	10	PVC
INCOMING	3	731	NONE	N/A	NO	12	10	PVC
INCOMING	N/A	N/A	N/A	N/A	YES	4	10	PVC
INCOMING	N/A	N/A	N/A	N/A	YES	3	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: ROCHESTER NECK RD

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 0733

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.3

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	732	NONE	N/A	NO	11	10	PVC
OUTGOING	3	734	N/A	N/A	N/A	6	10	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: ROCHESTER NECK RD

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 0734

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: FAIR

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

COVER IS COMPLETELY COVERED IN ASPHALT.

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>				
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: ROCHESTER NECK RD ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 0735

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.6

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: NEEDS REPAIR

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) 1,440

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	738	N/A	N/A	N/A	6	10	PVC
INCOMING	9	1315	NONE	N/A	NO	12	10	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: ROCHESTER NECK RD

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 0736

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: REPLACE

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.8

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

FRAME HAS MANY CHIPS IN IT.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	734	NONE	N/A	NO	12	10	PVC
OUTGOING	3	1315	N/A	N/A	N/A	6	10	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: ROCHESTER NECK RD ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 0738

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

## PIPE DETAIL

<u>Flow</u>		<u>To/From</u>		<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>		
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: FLAGG RD

Location: STREET

Surface Type: UNKNOWN

Subarea: 3

Manhole: 0739

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

COULD LOCATE - FORCE MAIN INSIDE.

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>			
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u> <u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: FLAGG RD

Location: STREET

Surface Type: UNKNOWN

Subarea: 3

Manhole: 1295

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

COULD LOCATE - FORCE MAIN INSIDE.

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>	<u>Diameter (in):</u>	<u>Material:</u>
<u>Direction:</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Conn :</u>	<u>Position :</u>		

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: FLAGG RD

Location: STREET

Surface Type: UNKNOWN

Subarea: 3

Manhole: 1296

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

COULD LOCATE - FORCE MAIN INSIDE.

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>			
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u> <u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: MATILDAS WAY

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1298

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: YES

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.6

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1765	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1299	NONE	N/A	NO	12	8	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: MATILDAS WAY

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1299

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: YES

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 9.6

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: FAIR

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

MATERIAL BUILT UP IN INLET, CAUSING A BIT OF BACKUP.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1298	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1300	NONE	N/A	NO	11	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: MATILDAS WAY

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1300

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 9.4

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: FAIR

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1299	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1301	NONE	N/A	NO	11	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: MATILDAS WAY

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1301

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 10.2

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: FAIR

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1300	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1302	NONE	N/A	NO	12	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: MATILDAS WAY ROW

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 1302

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 10.5

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: FAIR

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	1776	NONE	N/A	NO	10	8	PVC
OUTGOING	9	1301	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: TRINITY CIR ROW

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 1303

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: ABOVE GRADE

Cover Material: CAST IRON

Frame Condition: REPLACE

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: YES

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.1

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

FRAME IS COMING OFF HINGES. ROOTS COMING OUT OF CHIMNEY.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1304	N/A	N/A	N/A	6	8	PVC
INCOMING			NONE	N/A	NO	3	8	PVC
INCOMING	3	2716	NONE	N/A	NO	12	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: TRINITY CIR ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1304

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.9

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	1305	NONE	N/A	NO	11	8	PVC
OUTGOING	3	1303	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: TRINITY CIR ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1305

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.0

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	1304	NONE	N/A	NO	9	8	PVC
INCOMING	3	1314	NONE	N/A	NO	3	8	PVC
OUTGOING	3	1306	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: TRINITY CIR ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1306

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.0

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: FAIR

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1307	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1305	NONE	N/A	NO	1	8	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: TRINITY CIR ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1307

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.3

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: OK

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1308	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1306	NONE	N/A	NO	1	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: TRINITY CIR

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1308

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 11.1

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: FAIR

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1771	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1307	NONE	N/A	NO	9	8	PVC
INCOMING	3	1309	NONE	N/A	NO	3	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: TRINITY CIR

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1309

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>			
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u> <u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: TRINITY CIR

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1310

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.6

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: FAIR

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

SIGNS OF INFILTRATION ON WALL.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1309	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1311	NONE	N/A	NO	10	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: TRINITY CIR

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1311

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.8

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: FAIR

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	1312	NONE	N/A	NO	11	8	PVC
OUTGOING	3	1310	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: TRINITY CIR

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1312

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.4

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: NEEDS REPAIR

Cone Condition: FAIR

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

SIGNS OF INFILTRATION ON WALL.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1311	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1313	NONE	N/A	NO	11	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: TRINITY CIR

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1313

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.1

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: FAIR

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1312	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: TRINITY CIR

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1314

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.9

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: OK

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1315	N/A	N/A	N/A	6	8	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: ROCHESTER NECK RD

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1315

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: REPLACE

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.9

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: NEEDS REPAIR

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) 576

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

FRAME HAS MANY CHIPS IN IT. CHIMNY HAS MANY CHIPS IN IT, IS ALLOWING INFILTRATION.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	736	NONE	N/A	NO	12	10	PVC
OUTGOING	3	735	N/A	N/A	N/A	6	10	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: GONIC RD PS

Location: SIDEWALK

Surface Type: UNKNOWN

Subarea: 3

Manhole: 1558

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

IN FENCED IN PUMP STATION.

## PIPE DETAIL

<u>Flow</u>		<u>To/From</u>		<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>		
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: GONIC RD PS

Location: SIDEWALK

Surface Type: UNKNOWN

Subarea: 3

Manhole: 1559

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

IN FENCED IN PUMP STATION.

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>			
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u> <u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: GONIC RD PS

Location: SIDEWALK

Surface Type: UNKNOWN

Subarea: 3

Manhole: 1560

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

IN FENCED IN PUMP STATION.

## PIPE DETAIL

<u>Flow</u>		<u>To/From</u>		<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>		
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: GONIC RD PS

Location: SIDEWALK

Surface Type: UNKNOWN

Subarea: 3

Manhole: 1561

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

IN FENCED IN PUMP STATION.

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>			
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u> <u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: ROCHESTER NECK RD ROW

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 1562

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: YES

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 5.6

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1565	N/A	N/A	N/A	6	10	PVC
INCOMING	3	1563	NONE	N/A	NO	10	10	PVC
INCOMING	3	1564	NONE	N/A	NO	2	10	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: ROCHESTER NECK RD ROW

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 1563

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 5.2

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: NEEDS REPAIR

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1562	N/A	N/A	N/A	6	10	PVC
INCOMING	3	738	NONE	N/A	NO	1	10	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/17/2022

Inspector: ANNA WOJCIK

Street: ROCHESTER NECK RD ROW

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 1564

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

FORCE MAIN.

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>	<u>Diameter (in):</u>	<u>Material:</u>
<u>Direction:</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Conn :</u>	<u>Position :</u>		



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/18/2022

Inspector: ANNA WOJCIK

Street: GONIC RD ROW

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 1565

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: YES

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 5.6

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1566	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1562	NONE	N/A	NO	1	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/18/2022

Inspector: ANNA WOJCIK

Street: GONIC RD ROW

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 1566

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 6.4

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	2761	NONE	N/A	NO	1	8	PVC
INCOMING	3	1565	NONE	N/A	NO	12	8	PVC
OUTGOING	3	1567	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/18/2022

Inspector: ANNA WOJCIK

Street: GONIC RD

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 1567

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 9.3

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1568	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1566	NONE	N/A	NO	12	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/18/2022

Inspector: ANNA WOJCIK

Street: GONIC RD

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 1568

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: YES

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 7.8

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	724	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1567	NONE	N/A	NO	12	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/18/2022

Inspector: ANNA WOJCIK

Street: GONIC RD

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 1569

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 8.1

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	724	NONE	N/A	NO	12	8	PVC
OUTGOING	3	725	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/18/2022

Inspector: ANNA WOJCIK

Street: GONIC RD

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 1570

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 8.1

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	N/A	N/A	N/A	N/A	YES	9	6	PVC
OUTGOING	3	1571	N/A	N/A	N/A	6	8	PVC
INCOMING	N/A	N/A	N/A	N/A	YES	2	10	PVC
INCOMING	3	725	NONE	N/A	NO	12	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/18/2022

Inspector: ANNA WOJCIK

Street: GONIC RD

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 1571

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>	<u>Diameter (in):</u>	<u>Material:</u>
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/18/2022

Inspector: ANNA WOJCIK

Street: GONIC RD

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 1572

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: ABOVE GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 6.6

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	1573	NONE	N/A	NO	1	8	PVC
OUTGOING	3	1574	N/A	N/A	N/A	6	8	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/18/2022

Inspector: ANNA WOJCIK

Street: GONIC RD

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 1573

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 5.2

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	1571	NONE	N/A	NO	12	8	PVC
OUTGOING	3	1572	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/18/2022

Inspector: ANNA WOJCIK

Street: GONIC RD

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 1574

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

## PIPE DETAIL

<u>Flow</u>		<u>To/From</u>		<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>		
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/18/2022

Inspector: ANNA WOJCIK

Street: GONIC RD

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 1575

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 8.4

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

MAP DOES NOT SHOW CONNECTIONS TO IN AND OUTFLOW.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING			NONE	N/A	NO	3	8	PVC
INCOMING			NONE	N/A	NO	9	8	PVC
OUTGOING			N/A	N/A	N/A	6	8	PVC
INCOMING	N/A	N/A	N/A	N/A	YES	9	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: TRINITY CIR ROW

Location: EASEMENT

Surface Type: OTHER

Subarea: 3

Manhole: 1771

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: YES

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 10.6

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	1308	NONE	N/A	NO	11	8	PVC
OUTGOING	3	1772	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: TRINITY CIR ROW

Location: EASEMENT

Surface Type: GRASS

Subarea: 3

Manhole: 1772

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: ABOVE GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: YES

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 9.8

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1773	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1771	NONE	N/A	NO	1	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: TRINITY CIR ROW

Location: EASEMENT

Surface Type: GRASS

Subarea: 3

Manhole: 1773

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: ABOVE GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 9.4

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1774	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1772	NONE	N/A	NO	11	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: TRINITY CIR ROW

Location: EASEMENT

Surface Type: GRASS

Subarea: 3

Manhole: 1774

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: ABOVE GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: YES

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.9

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1775	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1773	NONE	N/A	NO	11	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: MATILDAS WAY ROW

Location: EASEMENT

Surface Type: GRASS

Subarea: 3

Manhole: 1775

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: ABOVE GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.6

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

CHIMNEY HAS CRACKS IN IT, PHOTO 181.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1776	N/A	N/A	N/A	6	8	PVC
INCOMING	3	1774	NONE	N/A	NO	1	8	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: MATILDAS WAY ROW

Location: EASEMENT

Surface Type: GRASS

Subarea: 3

Manhole: 1776

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: ABOVE GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 9.4

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: FAIR

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

EVIDENCE OF CONDENSATION. CHIMNEY HAS CRACKS.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	1775	NONE	N/A	NO	12	8	PVC
OUTGOING	3	1302	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/4/2022

Inspector: ANNA WOJCIK

Street: TRINITY CIR ROW

Location: STREET

Surface Type: UNKNOWN

Subarea: 3

Manhole: 2716

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

COULD NOT LOCATE IN GRASS. MAY BE BURIED DEEP BELOW SURFACE. TRIED USING METAL DETECTOR - NO S

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>			
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u> <u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/18/2022

Inspector: ANNA WOJCIK

Street: GONIC RD ROW

Location: STREET

Surface Type: GRASS

Subarea: 3

Manhole: 2761

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: YES

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.4

Surcharge Evidence: NO

Steps Condition: NEEDS REPAIR

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	1566	N/A	N/A	N/A	6	8	PVC
INCOMING	3	739	NONE	N/A	NO	3	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: ROCHESTER NECK RD ROW

Location: STREET

Surface Type: UNKNOWN

Subarea: 3

Manhole: 2829

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

WE LOCATED AND OPENED THIS MANHOLE, BUT IT WAS A PRIVATE FORCE MAIN CONNECTED TO A LANDFILL S

## PIPE DETAIL

<u>Flow</u>		<u>To/From</u>		<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>		
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: TAYLOR AVE ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 2830

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 5.5

Surcharge Evidence: NO

Steps Condition: NEEDS REPAIR

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

ONE STAIR THAT CAN BE SEEN, CHIMNEY BLOCKING ACCESSIBILITY TO STEP(S)

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	2833	NONE	N/A	NO	1	6	PVC
OUTGOING	3	2831	N/A	N/A	N/A	6	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: ROCHESTER NECK RD

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 2831A

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.3

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: NEEDS REPAIR

Cone Condition: FAIR

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	3	2830	NONE	N/A	NO	12	6	PVC
INCOMING	N/A	N/A	N/A	N/A	YES	2	6	PVC
OUTGOING	3	2832	N/A	N/A	N/A	6	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: ROCHESTER NECK RD

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 2832

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: REPLACE

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

MANHOLE COVER CRACKED

## PIPE DETAIL

<u>Flow</u>		<u>To/From</u>		<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>		
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: TAYLOR AVE ROW

Location: STREET

Surface Type: ASPHALT

Subarea: 3

Manhole: 2833

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: YES

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.3

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: NEEDS REPAIR

Cone Condition: FAIR

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

ALMOST NO MATERIAL FOR CHIMNEY, PICTURE 142 TAKEN SHOWING IT. SIGNS OF INFILTRATION FROM CONE A

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	2830	N/A	N/A	N/A	6	6	PVC
INCOMING	3	2873	NONE	N/A	NO	12	6	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: WAKEFIELD ST

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0002

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 9.8

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	2744	NONE	N/A	NO	12	16	PVC
OUTGOING	9	4	N/A	N/A	N/A	6	16	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: WAKEFIELD ST

Location: STREET

Surface Type: GRASS

Subarea: 9

Manhole: 0003

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

FORCE MAIN.

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>	<u>Diameter (in):</u>	<u>Material:</u>
<u>Direction:</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Conn :</u>	<u>Position :</u>		

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: WAKEFIELD ST

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0004

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 9.9

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: NEEDS REPAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 7,200

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	5	N/A	N/A	N/A	6	16	PVC
INCOMING	N/A	N/A	N/A	N/A	YES	9	6	PVC
INCOMING	9	2	NONE	N/A	NO	12	16	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: WAKEFIELD ST

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0005

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

## PIPE DETAIL

<u>Flow</u>		<u>To/From</u>		<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>		
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: WAKEFIELD ST

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0006

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 10.6

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	N/A	N/A	N/A	N/A	YES	9	6	PVC
OUTGOING	9	7	N/A	N/A	N/A	6	16	PVC
INCOMING	9	5	NONE	N/A	NO	12	16	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: WAKEFIELD ST

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0007

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 10.0

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	N/A	N/A	N/A	N/A	YES	9	8	PVC
OUTGOING	9	8	N/A	N/A	N/A	6	16	PVC
INCOMING	9	6	NONE	N/A	NO	12	16	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: WAKEFIELD ST

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0008

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 9.1

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	10	N/A	N/A	N/A	6	16	PVC
INCOMING	9	9	NONE	N/A	NO	9	16	PVC
INCOMING	9	7	NONE	N/A	NO	12	16	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0009

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.4

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: BRICK

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

ALUMINUM DISK IN CENTER.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	N/A	N/A	N/A	N/A	YES	11	8	PVC
INCOMING	9	251	NONE	N/A	NO	11	6	PVC
OUTGOING	9	8	N/A	N/A	N/A	6	16	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0234

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 11.0

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: OK

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

DARK INDICATES POSSIBLE INFILTRATION.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	N/A	N/A	N/A	N/A	YES	12	16	PVC
OUTGOING	9	235	N/A	N/A	N/A	6	16	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0235

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 11.6

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	234	NONE	N/A	NO	12	16	PVC
OUTGOING	9	236	N/A	N/A	N/A	6	16	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0236

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>	<u>Diameter (in):</u>	<u>Material:</u>
<u>Direction:</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Conn :</u>	<u>Position :</u>		

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0237

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 9.4

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

DARK SPOTS INDICATE POSSIBLE INFILTRATION IN WALL.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	236	NONE	N/A	NO	12	16	PVC
INCOMING	N/A	N/A	N/A	N/A	YES	3	8	PVC
OUTGOING	9	238	N/A	N/A	N/A	6	16	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0238

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

COVER CRACKED. SPRAY PAINT ADDED.

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>	
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>
				<u>Position :</u>	<u>Diameter (in):</u>
					<u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0239

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 12.9

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

DARK SPOTS SHOW POSSIBLE SIGNS OF INFILTRATION

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	238	NONE	N/A	NO	12	16	PVC
OUTGOING	9	240	N/A	N/A	N/A	6	16	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0240

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 13.3

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	241	N/A	N/A	N/A	6	16	PVC
INCOMING	9	239	NONE	N/A	NO	12	16	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0241

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 13.4

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	242	N/A	N/A	N/A	6	16	PVC
INCOMING	9	240	NONE	N/A	NO	12	16	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/16/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0242

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>	
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>
				<u>Position :</u>	<u>Diameter (in):</u>
					<u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0243

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 13.5

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	242	NONE	N/A	NO	12	16	PVC
OUTGOING	9	244	N/A	N/A	N/A	6	16	PVC
INCOMING	9	1387	NONE	N/A	NO	3	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0244

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 15.0

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	243	NONE	N/A	NO	12	16	PVC
INCOMING	N/A	N/A	N/A	N/A	YES	9	8	PVC
OUTGOING	9	245	N/A	N/A	N/A	6	16	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0245

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 13.8

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	246	N/A	N/A	N/A	6	16	PVC
INCOMING	9	244	NONE	N/A	NO	12	16	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0246

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 11.0

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	N/A	N/A	N/A	N/A	YES	3	10	PVC
OUTGOING	9	247	N/A	N/A	N/A	6	16	PVC
INCOMING	9	245	NONE	N/A	NO	12	16	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0247

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

## PIPE DETAIL

<u>Flow</u>		<u>To/From</u>		<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>		
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0249

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.8

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	1388	NONE	N/A	NO	12	16	PVC
OUTGOING	9	250	N/A	N/A	N/A	6	16	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0250

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 10.3

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

WALL SEAM IS DARK - POSSIBLE SIGN OF INFILTRATION.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	251	N/A	N/A	N/A	6	16	PVC
INCOMING	9	249	NONE	N/A	NO	2	16	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0251

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 9.1

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

INFLOW IS FROM PUMP STATION.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9		NONE	N/A	NO	3	16	PVC
OUTGOING	9	250	N/A	N/A	N/A	6	16	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/2/2022

Inspector: SADIE BACKSTROM

Street: NORWAY PLAINS RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0388

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 6.2

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	400	N/A	N/A	N/A	6	10	PVC
INCOMING	9	389	NONE	N/A	NO	12	10	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: NORWAY PLAINS RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0389

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.0

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

POSSIBLE H2S DETERIORATION IN CHIMNEY.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	390	NONE	N/A	NO	12	10	PVC
OUTGOING	9	388	N/A	N/A	N/A	6	10	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: NORWAY PLAINS RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0390

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.3

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: OK

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

POSSIBLE H2S DETERIORATION IN CHIMNEY. POSSIBLE SIGNS OF INFILTRATION ON WALL.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	391	NONE	N/A	NO	12	10	CI
OUTGOING	9	389	N/A	N/A	N/A	6	10	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: NORWAY PLAINS RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0391

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 9.2

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	390	N/A	N/A	N/A	6	10	CI
INCOMING	9	392	NONE	N/A	NO	12	10	CI
INCOMING			OUTSIDE	7.84	NO	12	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: DEERFIELD CT

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0392

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 6.1

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	393	NONE	N/A	NO	12	8	PVC
OUTGOING	9	1427	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: DEERFIELD CT

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0393

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 6.0

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	397	NONE	N/A	NO	3	8	PVC
INCOMING	9	394	NONE	N/A	NO	12	8	PVC
OUTGOING	9	392	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: DEERFIELD CT

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0394

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 5.9

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	395	NONE	N/A	NO	1	8	PVC
OUTGOING	9	393	N/A	N/A	N/A	6	8	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: DEERFIELD CT

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0395

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 6.1

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	1722	NONE	N/A	NO	12	8	PVC
OUTGOING	9	394	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: BUTTERFLY LN

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0396

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 5.6

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: CAST IRON

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

GAP BETWEEN FRAME AND CHIMNEY APPEARS TO BE CAST IRON

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	3	397	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: BUTTERFLY LN

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0397

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 6.4

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	396	NONE	N/A	NO	3	8	PVC
OUTGOING	9	393	N/A	N/A	N/A	6	8	PVC
INCOMING	9	398	NONE	N/A	NO	9	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: BUTTERFLY LN

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0398

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 5.4

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: CAST IRON

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

NO OUTLET. GAP WHERE CHIMNEY IS LOOKS TO BE CAST IRON.

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	397	NONE	N/A	NO	12	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: NORWAY PLAINS RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0399

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.2

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	1423	N/A	N/A	N/A	6	8	PVC
INCOMING	9	1425	NONE	N/A	NO	12	8	PVC
INCOMING	9		NONE	N/A	NO	3	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: WAKEFIELD ST

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 0400

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 9.0

Surcharge Evidence: NO

Steps Condition: NEEDS REPAIR

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	N/A	N/A	N/A	N/A	YES	1	8	PVC
OUTGOING	9	2744	N/A	N/A	N/A	6	16	PVC
INCOMING	9	388	NONE	N/A	NO	12	16	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: JEFFERSON ST

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1387

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: YES

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 10.1

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	N/A	N/A	N/A	N/A	YES	12	8	PVC
OUTGOING	9	243	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: CHESTNUT HILL RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1388

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.1

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: BRICK

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	248	NONE	N/A	NO	12	16	PVC
OUTGOING	9	249	N/A	N/A	N/A	6	16	PVC
INCOMING	N/A	N/A	N/A	N/A	YES	9	10	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: NORWAY PLAINS RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1412

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.3

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	1425	N/A	N/A	N/A	6	8	PVC
INCOMING	9		NONE	N/A	NO	11	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: MILLERS FARM DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1413

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.0

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	1414	N/A	N/A	N/A	6	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: MILLERS FARM DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1414

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.9

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	1413	NONE	N/A	NO	12	6	PVC
OUTGOING	9	1415	N/A	N/A	N/A	6	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: WINCH WAY

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1415

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: YES

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.0

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	1414	NONE	N/A	NO	2	6	PVC
OUTGOING	9	1416	N/A	N/A	N/A	6	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: WINCH WAY

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1416

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.8

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	1415	NONE	N/A	NO	12	8	PVC
OUTGOING	9	1417	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: RANGEWAY DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1417

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.1

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	1418	NONE	N/A	NO	12	6	PVC
OUTGOING	9	2706	N/A	N/A	N/A	6	6	PVC
INCOMING	9	1416	NONE	N/A	NO	9	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: RANGEWAY DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1418

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.5

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	1417	N/A	N/A	N/A	6	8	PVC
INCOMING	9	1421	NONE	N/A	NO	11	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: LANTERN LN

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1419

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.6

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	1420	NONE	N/A	NO	12	8	PVC
OUTGOING	9	1421	N/A	N/A	N/A	6	8	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: LANTERN LN

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1420

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.6

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

SIGNS OF INFILTRATION AT PRECAST JOINT DUE TO DAMAGE

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	1419	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: RANGEWAY DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1421

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: FAIR

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.4

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

CHIP IN FRAME

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	1419	NONE	N/A	NO	9	8	PVC
OUTGOING	9	1418	N/A	N/A	N/A	6	8	PVC
INCOMING	9	1422	NONE	N/A	NO	12	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: RANGEWAY DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1422

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.7

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

SIGNS OF INFILTRATION AT JOINTS OF PRECAST WALL. SEE PHOTO 73

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	1421	NONE	N/A	NO	12	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: NORWAY PLAINS RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1423

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.4

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	1426	N/A	N/A	N/A	6	8	PVC
INCOMING	9	1424	NONE	N/A	NO	9	8	PVC
INCOMING	9	399	NONE	N/A	NO	12	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: RANGEWAY DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1424

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.8

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: NEEDS REPAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

SIGNS OF H2S DAMAGE, POSSIBLY DUE TO FORCE MAIN

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	1421	NONE	N/A	NO	12	4	CI
OUTGOING	9	1423	N/A	N/A	N/A	6	8	CI

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: NORWAY PLAINS RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1425

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.8

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: FAIR

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	399	N/A	N/A	N/A	6	8	PVC
INCOMING	9	1412	NONE	N/A	NO	12	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: NORWAY PLAINS RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1426

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.9

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: NEEDS REPAIR

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

POSSIBLY H2S INDICATOR / CHIMNEY CRUMBLING

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9		N/A	N/A	N/A	2	8	PVC
INCOMING	9	1423	NONE	N/A	NO	12	8	PVC
OUTGOING	9	1721	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: NORWAY PLAINS RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1427

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 6.9

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

POSSIBLE H2S CHIMNEY DETERIORATION

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	391	N/A	N/A	N/A	6	8	PVC
INCOMING	9	392	NONE	N/A	NO	9	8	PVC
INCOMING	9	2659	NONE	N/A	NO	12	8	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: NORWAY PLAINS RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 1721

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.1

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	2659	N/A	N/A	N/A	6	8	PVC
INCOMING	9	1426	NONE	N/A	NO	11	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: DEERFIELD CT

Location: UNKNOWN

Surface Type: UNKNOWN

Subarea: 9

Manhole: 1722

Inspection Status: CANNOT LOCATE

## FRAME AND COVER

Cover Type:

Frame Material:

Cover Elevation:

Cover Material:

Frame Condition:

Inflow:

Cover Diameter (in) :

Drainage Area (sf) :

Cover Condition:

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

COULD NOT FIND.

## PIPE DETAIL

<u>Flow</u>	<u>To/From</u>	<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>	<u>Diameter (in):</u>	<u>Material:</u>
<u>Direction:</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Conn :</u>	<u>Position :</u>		

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/1/2022

Inspector: ANNA WOJCIK

Street: NORWAY PLAINS RD

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2659

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 30

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 6.5

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	1721	NONE	N/A	NO	12	8	PVC
INCOMING			NONE	N/A	NO	1	8	PVC
OUTGOING	9	1427	N/A	N/A	N/A	6	8	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: MILLERS FARM DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2694

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 30

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 8.5

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	2713	NONE	N/A	NO	12	6	PVC
OUTGOING	9	2696	N/A	N/A	N/A	6	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: MILLERS FARM DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2695

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 30

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 6.9

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	2704	N/A	N/A	N/A	6	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: MILLERS FARM DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2696

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 6.7

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	2697	N/A	N/A	N/A	6	6	PVC
INCOMING	9	2694	NONE	N/A	NO	1	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: MILLERS FARM DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2697

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 6.8

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	2698	N/A	N/A	N/A	6	6	PVC
INCOMING	9	2696	NONE	N/A	NO	1	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: MILLERS FARM DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2698

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.8

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	2699	N/A	N/A	N/A	6	6	PVC
INCOMING	9	2697	NONE	N/A	NO	12	6	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: MILLERS FARM DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2699

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 9.3

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: PRECAST

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

OUTGOING PIPE CONNECTS TO PUMP STATION

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	2700	NONE	N/A	NO	9	6	PVC
OUTGOING	9		N/A	N/A	N/A	6	6	PVC
INCOMING	9	2698	NONE	N/A	NO	3	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: MILLERS FARM DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2700

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.6

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	2701	N/A	N/A	N/A	6	6	PVC
INCOMING	9	2699	NONE	N/A	NO	11	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: MILLERS FARM DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2701

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.3

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	2702	N/A	N/A	N/A	6	6	PVC
INCOMING	9	2700	NONE	N/A	NO	11	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: MILLERS FARM DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2702

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.2

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: FAIR

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	2703	N/A	N/A	N/A	6	6	PVC
INCOMING	9	2701	NONE	N/A	NO	11	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: MILLERS FARM DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2703

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.1

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	2702	NONE	N/A	NO	11	6	PVC
OUTGOING	9	2704	N/A	N/A	N/A	6	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: MILLERS FARM DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2704

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 30

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.5

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	2695	NONE	N/A	NO	12	6	PVC
OUTGOING	9	2703	N/A	N/A	N/A	6	6	PVC
INCOMING	9	2705	NONE	N/A	NO	3	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: RANGEWAY DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2705

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 30

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 7.9

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	2706	NONE	N/A	NO	1	6	PVC
OUTGOING	9	2704	N/A	N/A	N/A	6	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: RANGEWAY DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2706

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 30

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: YES

Manhole Depth (ft): 8.0

Surcharge Evidence: NO

Steps Condition: OK

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	2705	N/A	N/A	N/A	6	6	PVC
INCOMING	9	1417	NONE	N/A	NO	1	6	PVC



# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: MILLERS FARM DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2711

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 30

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: YES

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 6.6

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	2712	N/A	N/A	N/A	6	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: MILLERS FARM DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2712

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 30

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 6.8

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
OUTGOING	9	2713	N/A	N/A	N/A	6	6	PVC
INCOMING	9	2711	NONE	N/A	NO	1	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 10/31/2022

Inspector: SADIE BACKSTROM

Street: MILLERS FARM DR

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2713

Inspection Status: INSPECTED

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 30

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole: NO

Cleaning Required: NO

Roots: NO

Manhole Size (in): 48

Grease Visible: NO

Steps: NO

Manhole Depth (ft): 7.2

Surcharge Evidence: NO

Steps Condition: N/A

## CHIMNEY, CONE, AND WALL

Chimney Material: BRICK

Cone Material: PRECAST

Wall Material: PRECAST

Chimney Condition: OK

Cone Condition: OK

Wall Condition: OK

Chimney Infiltration (gpd) : 0

Cone Infiltration (gpd) : 0

Wall Infiltration (gpd) : 0

## BENCH AND INVERT

Bench/Invert Material: BRICK

Pipe Conn. Infiltration (gpd) : 0

Underdrain Access Type: NONE

Bench/Invert Condition: OK

Underdrain Access Condition: N/A

Bench/Invert Infiltration (gpd) : 0

Underdrain Infiltration (gpd) : N/A

## COMMENTS

## PIPE DETAIL

<u>Flow</u> <u>Direction:</u>	<u>Subarea</u>	<u>To/From</u> <u>Manhole:</u>	<u>Drop Conn:</u>	<u>Drop Conn.</u> <u>Depth :</u>	<u>Service</u> <u>Conn :</u>	<u>Clock</u> <u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>
INCOMING	9	2712	NONE	N/A	NO	12	6	PVC
OUTGOING	9	2694	N/A	N/A	N/A	6	6	PVC

# MANHOLE INSPECTION LOG

Client: ROCHESTER, NH

Project Title: YEAR ONE I/I INVESTIGATION

Date: 11/15/2022

Inspector: ANNA WOJCIK

Street: WAKEFIELD ST

Location: STREET

Surface Type: ASPHALT

Subarea: 9

Manhole: 2744

Inspection Status: CANNOT OPEN

## FRAME AND COVER

Cover Type: STANDARD

Frame Material: CAST IRON

Cover Elevation: AT GRADE

Cover Material: CAST IRON

Frame Condition: OK

Inflow: NONE

Cover Diameter (in) : 32

Drainage Area (sf) : N/A

Cover Condition: OK

## DIMENSIONS AND OBSERVATIONS

Lamphole:

Cleaning Required:

Roots:

Manhole Size (in):

Grease Visible:

Steps:

Manhole Depth (ft):

Surcharge Evidence:

Steps Condition:

## CHIMNEY, CONE, AND WALL

Chimney Material:

Cone Material:

Wall Material:

Chimney Condition:

Cone Condition:

Wall Condition:

Chimney Infiltration (gpd)

Cone Infiltration (gpd) :

Wall Infiltration (gpd) :

## BENCH AND INVERT

Bench/Invert Material:

Pipe Conn. Infiltration (gpd) :

Underdrain Access Type:

Bench/Invert Condition:

Underdrain Access Condition:

Bench/Invert Infiltration (gpd) :

Underdrain Infiltration (gpd) :

## COMMENTS

## PIPE DETAIL

<u>Flow</u>		<u>To/From</u>		<u>Drop Conn.</u>	<u>Service</u>	<u>Clock</u>		
<u>Direction:</u>	<u>Subarea</u>	<u>Manhole:</u>	<u>Drop Conn:</u>	<u>Depth :</u>	<u>Conn :</u>	<u>Position :</u>	<u>Diameter (in):</u>	<u>Material:</u>

## **APPENDIX C**

### MANHOLE INSPECTION DATA TABLES

# TABLE 1

## MANHOLE SUMMARY

Year One I/I Investigations (Phase 2) Manhole Inspections - City of Rochester, NH

Subarea	MH #	Street Name	Material	Manhole Depth (ft)	Infiltration (gpd)
19	SMH 0273	CHARLES ST ROW	CNL		
19	SMH 0319	RIVER ST	BRICK	13.7	0
19	SMH 0320	RIVER ST	PRECAST	13.51	0
19	SMH 0350	GAGNE ST	PRECAST	5.27	0
19	SMH 0351	GAGNE ST	PRECAST	5.27	0
19	SMH 0353	GAGNE ST	PRECAST	11.63	0
19	SMH 0354	GAGNE ST	PRECAST	7.22	0
19	SMH 0494	CHARLES ST ROW	CNO		
19	SMH 0496	CHARLES ST ROW	PRECAST	11.48	0
19	SMH 0505	CHARLES ST ROW	CNO		
19	SMH 0509	CHARLES ST ROW	CNO		
19	SMH 0514	CHARLES ST ROW	PRECAST	13.01	0
19	SMH 0515	CHARLES ST ROW	CNO		
19	SMH 0518	CHARLES ST ROW	BRICK	13.69	0
19	SMH 0519	CHARLES ST ROW	BRICK	12.52	0
19	SMH 0526	WOODMAN ST	PRECAST	7.87	0
19	SMH 0541	OLD DOVER RD ROW	PRECAST	9.73	0
19	SMH 0800	YOUNG ST	CNL		
19	SMH 0801	BROAD ST	BRICK	8.38	0
19	SMH 0802	BROAD ST	BRICK	6.73	0
19	SMH 0803	BROAD ST	BRICK	9.84	0
19	SMH 0804	COPELAND DR	BRICK	8.25	0
19	SMH 0805	SYDNEY ST	BRICK	7.19	0
19	SMH 1331	OLD DOVER RD ROW	PRECAST	6.02	0
19	SMH 1345	WILSON ST	BRICK	5.68	0
19	SMH 1346	WILSON ST	BRICK	6.85	0

Subarea	MH #	Street Name	Material	Manhole Depth (ft)	Infiltration (gpd)
19	SMH 1347	BROAD ST	BRICK	5.57	0
19	SMH 1348	CHARLES ST ROW	PRECAST	12.88	0
19	SMH 1349	CHARLES ST ROW	BRICK	8.81	0
19	SMH 1350	CHARLES ST ROW	PRECAST	11.38	0
19	SMH 1351	CHARLES ST ROW	PRECAST	10.16	0
19	SMH 1471	CONGRESS ST ROW	CNL		
19	SMH 1473	GRANITE ST	PRECAST	6.76	0
19	SMH 1474	GRANITE ST	PRECAST	7.53	0
19	SMH 1475	SHERIDAN AVE	PRECAST	9.76	0
19	SMH 1476	SHERIDAN AVE	PRECAST	8.25	0
19	SMH 1477	GLEN ST	PRECAST	6.22	0
19	SMH 1636	GAGNE ST	PRECAST	4.74	0
19	SMH 1679	MYRTLE ST	CNO		
19	SMH 1680	CHARLES ST	PRECAST	10.73	0
19	SMH 1693	WILSON ST	BRICK	5.16	0
19	SMH 1714	GRANITE ST	PRECAST	7.16	0
19	SMH 1715	CATHERINE ST	PRECAST	10.54	0
19	SMH 1869	GAGNE ST ROW	CNO		
19	SMH 2676	FOWNES MILL CT ROW	PRECAST	5.26	0
19	SMH 2759	CONGRESS ST ROW	BRICK	10.75	0
19	SMH 2762	OLD DOVER RD ROW	PRECAST	7.18	0
19	SMH 2783	FOWNES MILL CT	CNL		
19	SMH 2785	RIVER ST	PRECAST	20.53	0
19	SMH 2786	FOWNES MILL CT ROW	CNL		
19	SMH 2827	FOWNES MILL CT	CNL		
19	SMH 2828	FOWNES MILL CT	CNL		
3	SMH 0724	LORING DR	PRECAST	8.42	0
3	SMH 0725	GONIC RD	PRECAST	8.42	0
3	SMH 0729	ROCHESTER NECK RD	PRECAST	10.78	0
3	SMH 0730	ROCHESTER NECK RD	PRECAST	8.15	0

Subarea	MH #	Street Name	Material	Manhole Depth (ft)	Infiltration (gpd)
3	SMH 0731	ROCHESTER NECK RD	PRECAST	9.36	0
3	SMH 0732	ROCHESTER NECK RD	PRECAST	9.69	0
3	SMH 0733	ROCHESTER NECK RD	PRECAST	8.26	0
3	SMH 0734	ROCHESTER NECK RD	CNO		
3	SMH 0735	ROCHESTER NECK RD ROW	PRECAST	8.62	1,440
3	SMH 0736	ROCHESTER NECK RD	PRECAST	6.82	0
3	SMH 0738	ROCHESTER NECK RD ROW	CNO		
3	SMH 0739	FLAGG RD	CNL		
3	SMH 1295	FLAGG RD	CNL		
3	SMH 1296	FLAGG RD	CNL		
3	SMH 1298	MATILDAS WAY	PRECAST	7.55	0
3	SMH 1299	MATILDAS WAY	PRECAST	9.63	0
3	SMH 1300	MATILDAS WAY	PRECAST	9.39	0
3	SMH 1301	MATILDAS WAY	PRECAST	10.17	0
3	SMH 1302	MATILDAS WAY ROW	PRECAST	10.45	0
3	SMH 1303	TRINITY CIR ROW	PRECAST	7.06	0
3	SMH 1304	TRINITY CIR ROW	PRECAST	7.88	0
3	SMH 1305	TRINITY CIR ROW	PRECAST	7.96	0
3	SMH 1306	TRINITY CIR ROW	PRECAST	7.97	0
3	SMH 1307	TRINITY CIR ROW	PRECAST	8.25	0
3	SMH 1308	TRINITY CIR	PRECAST	11.12	0
3	SMH 1309	TRINITY CIR	CNO		
3	SMH 1310	TRINITY CIR	PRECAST	8.62	0
3	SMH 1311	TRINITY CIR	PRECAST	8.78	0
3	SMH 1312	TRINITY CIR	PRECAST	8.38	0
3	SMH 1313	TRINITY CIR	PRECAST	6.06	0
3	SMH 1314	TRINITY CIR	PRECAST	6.9	0
3	SMH 1315	ROCHESTER NECK RD	PRECAST	7.88	576
3	SMH 1558	GONIC RD PS	CNL		
3	SMH 1559	GONIC RD PS	CNL		



Subarea	MH #	Street Name	Material	Manhole Depth (ft)	Infiltration (gpd)
3	SMH 1560	GONIC RD PS	CNL		
3	SMH 1561	GONIC RD PS	CNL		
3	SMH 1562	ROCHESTER NECK RD ROW	PRECAST	5.56	0
3	SMH 1563	ROCHESTER NECK RD ROW	PRECAST	5.19	0
3	SMH 1564	ROCHESTER NECK RD ROW	CNO		
3	SMH 1565	GONIC RD ROW	PRECAST	5.61	0
3	SMH 1566	GONIC RD ROW	PRECAST	6.38	0
3	SMH 1567	GONIC RD	PRECAST	9.25	0
3	SMH 1568	GONIC RD	PRECAST	7.77	0
3	SMH 1569	GONIC RD	PRECAST	8.13	0
3	SMH 1570	GONIC RD	PRECAST	8.07	0
3	SMH 1571	GONIC RD	CNO		
3	SMH 1572	GONIC RD	PRECAST	6.6	0
3	SMH 1573	GONIC RD	PRECAST	5.18	0
3	SMH 1574	GONIC RD	CNO		
3	SMH 1575	GONIC RD	PRECAST	8.36	0
3	SMH 1771	TRINITY CIR ROW	PRECAST	10.58	0
3	SMH 1772	TRINITY CIR ROW	PRECAST	9.8	0
3	SMH 1773	TRINITY CIR ROW	PRECAST	9.44	0
3	SMH 1774	TRINITY CIR ROW	PRECAST	8.93	0
3	SMH 1775	MATILDAS WAY ROW	PRECAST	8.63	0
3	SMH 1776	MATILDAS WAY ROW	PRECAST	9.44	0
3	SMH 2716	TRINITY CIR ROW	CNL		
3	SMH 2761	GONIC RD ROW	PRECAST	6.38	0
3	SMH 2829	ROCHESTER NECK RD ROW	CNL		
3	SMH 2830	TAYLOR AVE ROW	PRECAST	5.51	0
3	SMH 2831A	ROCHESTER NECK RD	PRECAST	7.26	0
3	SMH 2832	ROCHESTER NECK RD	CNO		
3	SMH 2833	TAYLOR AVE ROW	PRECAST	6.31	0
9	SMH 0002	WAKEFIELD ST	PRECAST	9.81	0

Subarea	MH #	Street Name	Material	Manhole Depth (ft)	Infiltration (gpd)
9	SMH 0003	WAKEFIELD ST	CNO		
9	SMH 0004	WAKEFIELD ST	PRECAST	9.87	7,200
9	SMH 0005	WAKEFIELD ST	CNO		
9	SMH 0006	WAKEFIELD ST	PRECAST	10.63	0
9	SMH 0007	WAKEFIELD ST	PRECAST	9.98	0
9	SMH 0008	WAKEFIELD ST	PRECAST	9.11	0
9	SMH 0009	CHESTNUT HILL RD	PRECAST	6.37	0
9	SMH 0234	CHESTNUT HILL RD	PRECAST	10.99	0
9	SMH 0235	CHESTNUT HILL RD	PRECAST	11.64	0
9	SMH 0236	CHESTNUT HILL RD	CNO		
9	SMH 0237	CHESTNUT HILL RD	PRECAST	9.37	0
9	SMH 0238	CHESTNUT HILL RD	CNO		
9	SMH 0239	CHESTNUT HILL RD	PRECAST	12.92	0
9	SMH 0240	CHESTNUT HILL RD	PRECAST	13.29	0
9	SMH 0241	CHESTNUT HILL RD	PRECAST	13.36	0
9	SMH 0242	CHESTNUT HILL RD	CNO		
9	SMH 0243	CHESTNUT HILL RD	PRECAST	13.53	0
9	SMH 0244	CHESTNUT HILL RD	PRECAST	14.98	0
9	SMH 0245	CHESTNUT HILL RD	PRECAST	13.77	0
9	SMH 0246	CHESTNUT HILL RD	PRECAST	11	0
9	SMH 0247	CHESTNUT HILL RD	CNO		
9	SMH 0249	CHESTNUT HILL RD	PRECAST	6.76	0
9	SMH 0250	CHESTNUT HILL RD	PRECAST	10.34	0
9	SMH 0251	CHESTNUT HILL RD	PRECAST	9.07	0
9	SMH 0388	NORWAY PLAINS RD	PRECAST	6.15	0
9	SMH 0389	NORWAY PLAINS RD	PRECAST	6.02	0
9	SMH 0390	NORWAY PLAINS RD	PRECAST	8.26	0
9	SMH 0391	NORWAY PLAINS RD	PRECAST	9.2	0
9	SMH 0392	DEERFIELD CT	PRECAST	6.08	0
9	SMH 0393	DEERFIELD CT	PRECAST	6.03	0

Subarea	MH #	Street Name	Material	Manhole Depth (ft)	Infiltration (gpd)
9	SMH 0394	DEERFIELD CT	PRECAST	5.94	0
9	SMH 0395	DEERFIELD CT	PRECAST	6.07	0
9	SMH 0396	BUTTERFLY LN	PRECAST	5.63	0
9	SMH 0397	BUTTERFLY LN	PRECAST	6.44	0
9	SMH 0398	BUTTERFLY LN	PRECAST	5.44	0
9	SMH 0399	NORWAY PLAINS RD	PRECAST	7.16	0
9	SMH 0400	WAKEFIELD ST	PRECAST	8.96	0
9	SMH 1387	JEFFERSON ST	PRECAST	10.06	0
9	SMH 1388	CHESTNUT HILL RD	BRICK	8.11	0
9	SMH 1412	NORWAY PLAINS RD	PRECAST	8.26	0
9	SMH 1413	MILLERS FARM DR	PRECAST	7.95	0
9	SMH 1414	MILLERS FARM DR	PRECAST	6.89	0
9	SMH 1415	WINCH WAY	PRECAST	7.03	0
9	SMH 1416	WINCH WAY	PRECAST	6.75	0
9	SMH 1417	RANGEWAY DR	PRECAST	8.05	0
9	SMH 1418	RANGEWAY DR	PRECAST	7.47	0
9	SMH 1419	LANTERN LN	PRECAST	7.61	0
9	SMH 1420	LANTERN LN	PRECAST	6.57	0
9	SMH 1421	RANGEWAY DR	PRECAST	7.43	0
9	SMH 1422	RANGEWAY DR	PRECAST	6.74	0
9	SMH 1423	NORWAY PLAINS RD	PRECAST	7.38	0
9	SMH 1424	RANGEWAY DR	PRECAST	6.77	0
9	SMH 1425	NORWAY PLAINS RD	PRECAST	6.82	0
9	SMH 1426	NORWAY PLAINS RD	PRECAST	6.92	0
9	SMH 1427	NORWAY PLAINS RD	PRECAST	6.92	0
9	SMH 1721	NORWAY PLAINS RD	PRECAST	7.12	0
9	SMH 1722	DEERFIELD CT	CNL		
9	SMH 2659	NORWAY PLAINS RD	PRECAST	6.46	0
9	SMH 2694	MILLERS FARM DR	PRECAST	8.51	0
9	SMH 2695	MILLERS FARM DR	PRECAST	6.93	0

Subarea	MH #	Street Name	Material	Manhole Depth (ft)	Infiltration (gpd)
9	SMH 2696	MILLERS FARM DR	PRECAST	6.69	0
9	SMH 2697	MILLERS FARM DR	PRECAST	6.77	0
9	SMH 2698	MILLERS FARM DR	PRECAST	8.78	0
9	SMH 2699	MILLERS FARM DR	PRECAST	9.25	0
9	SMH 2700	MILLERS FARM DR	PRECAST	8.55	0
9	SMH 2701	MILLERS FARM DR	PRECAST	8.27	0
9	SMH 2702	MILLERS FARM DR	PRECAST	8.15	0
9	SMH 2703	MILLERS FARM DR	PRECAST	8.12	0
9	SMH 2704	MILLERS FARM DR	PRECAST	8.5	0
9	SMH 2705	RANGEWAY DR	PRECAST	7.91	0
9	SMH 2706	RANGEWAY DR	PRECAST	7.98	0
9	SMH 2711	MILLERS FARM DR	PRECAST	6.55	0
9	SMH 2712	MILLERS FARM DR	PRECAST	6.83	0
9	SMH 2713	MILLERS FARM DR	PRECAST	7.23	0
9	SMH 2744	WAKEFIELD ST	CNO		
<b>TOTAL MANHOLE INFILTRATION</b>					<b>9,216</b>
<b>TOTAL NUMBER OF MANHOLES</b>					<b>191</b>
<b>TOTAL NUMBER OF MANHOLES INSPECTED</b>					<b>154</b>

## TABLE 2

### MANHOLE STRUCTURAL DEFECTS

Year One I/I Investigations (Phase 2) Manhole Inspections Review - City of Rochester, NH

Subarea	Manhole #	Street Name	Rehabilitation
19	SMH 0509	CHARLES ST ROW	REPLACE FRAME AND COVER
19	SMH 1680	CHARLES ST	REPAIR CHIMNEY
19	SMH 1693	WILSON ST	REPLACE FRAME AND COVER
3	SMH 0735	ROCHESTER NECK RD ROW	REPAIR CHIMNEY
3	SMH 0736	ROCHESTER NECK RD	REPLACE FRAME AND COVER
3	SMH 1303	TRINITY CIR ROW	REPLACE FRAME AND COVER
3	SMH 1312	TRINITY CIR	REPAIR CHIMNEY
3	SMH 1315	ROCHESTER NECK RD	REPLACE FRAME AND COVER, REPAIR CHIMNEY
3	SMH 1563	ROCHESTER NECK RD ROW	REPAIR CONE
3	SMH 2831A	ROCHESTER NECK RD	REPAIR CHIMNEY

Subarea	Manhole #	Street Name	Rehabilitation
3	SMH 2832	ROCHESTER NECK RD	REPLACE FRAME AND COVER
3	SMH 2833	TAYLOR AVE ROW	REPAIR CHIMNEY
9	SMH 0004	WAKEFIELD ST	REPAIR WALL
9	SMH 1424	RANGEWAY DR	REPAIR WALL
9	SMH 1426	NORWAY PLAINS RD	REPAIR CHIMNEY
<b>TOTAL NUMBER OF MANHOLES</b>			<b>15</b>

### TABLE 3

## MANHOLE INSPECTION STATUS

Year One I/I Investigations (Phase 2) Manhole Inspections Review - City of Rochester, NH

Subarea	MH #	Street Name	Inspection Status
19	SMH 0273	CHARLES ST ROW	CNL
19	SMH 0494	CHARLES ST ROW	CNO
19	SMH 0505	CHARLES ST ROW	CNO
19	SMH 0509	CHARLES ST ROW	CNO
19	SMH 0515	CHARLES ST ROW	CNO
19	SMH 0800	YOUNG ST	CNL
19	SMH 1471	CONGRESS ST ROW	CNL
19	SMH 1679	MYRTLE ST	CNO
19	SMH 1869	GAGNE ST ROW	CNO
19	SMH 2783	FOWNES MILL CT	CNL
19	SMH 2786	FOWNES MILL CT ROW	CNL
19	SMH 2827	FOWNES MILL CT	CNL
19	SMH 2828	FOWNES MILL CT	CNL
3	SMH 0734	ROCHESTER NECK RD	CNO
3	SMH 0738	ROCHESTER NECK RD ROW	CNO
3	SMH 0739	FLAGG RD	CNL
3	SMH 1295	FLAGG RD	CNL
3	SMH 1296	FLAGG RD	CNL
3	SMH 1309	TRINITY CIR	CNO
3	SMH 1558	GONIC RD PS	CNL
3	SMH 1559	GONIC RD PS	CNL
3	SMH 1560	GONIC RD PS	CNL
3	SMH 1561	GONIC RD PS	CNL
3	SMH 1564	ROCHESTER NECK RD ROW	CNO
3	SMH 1571	GONIC RD	CNO
3	SMH 1574	GONIC RD	CNO
3	SMH 2716	TRINITY CIR ROW	CNL
3	SMH 2829	ROCHESTER NECK RD ROW	CNL
3	SMH 2832	ROCHESTER NECK RD	CNO

Subarea	MH #	Street Name	Inspection Status
9	SMH 0003	WAKEFIELD ST	CNO
9	SMH 0005	WAKEFIELD ST	CNO
9	SMH 0236	CHESTNUT HILL RD	CNO
9	SMH 0238	CHESTNUT HILL RD	CNO
9	SMH 0242	CHESTNUT HILL RD	CNO
9	SMH 0247	CHESTNUT HILL RD	CNO
9	SMH 1722	DEERFIELD CT	CNL
9	SMH 2744	WAKEFIELD ST	CNO
<b>TOTAL NUMBER OF MANHOLES</b>			<b>37</b>



# **TABLE 4** **COST EFFECTIVE ANALYSIS FOR INFILTRATION MANHOLES**

Year One I/I Investigations (Phase 2) Manhole Inspections - City of Rochester, NH

Subarea	MH #	Street Name	Manhole Depth	Infiltration (gpd)	Removable Infiltration (gpd)	T+T Cost	Rehabilitation	Rehab. Cost	Cost-Effectiveness
3	SMH 0735	Rochester Neck Rd ROW	8.62	1,440	720	\$30,154	Cementitious Lining	\$1,293	EXCESSIVE RECOMMENDED
3	SMH 1303	TRINITY CIR ROW	7.06	0	0	\$0	Root Treatment, Cementitious Lining	\$1,459	NON-EXCESSIVE
3	SMH 1315	Rochester Neck Rd	7.88	576	288	\$12,061	Cementitious Lining	\$1,182	EXCESSIVE RECOMMENDED
3	SMH 1562	Rochester Neck Rd ROW	5.56	0	0	\$0	Root Treatment, Cementitious Lining	\$1,234	NON-EXCESSIVE
3	SMH 1565	GONIC RD ROW	5.61	0	0	\$0	Root Treatment, Cementitious Lining	\$1,242	NON-EXCESSIVE
3	SMH 1772	TRINITY CIR ROW	9.8	0	0	\$0	Root Treatment, Cementitious Lining	\$1,870	NON-EXCESSIVE
3	SMH 2761	GONIC RD ROW	6.38	0	0	\$0	Root Treatment, Cementitious Lining	\$1,357	NON-EXCESSIVE
9	SMH 0004	WAKEFIELD ST	9.87	7,200	3,600	\$150,768	Cementitious Lining	\$1,481	EXCESSIVE RECOMMENDED

Subarea	MH #	Street Name	Manhole Depth	Infiltration (gpd)	Removable Infiltration (gpd)	T+T Cost	Rehabilitation	Rehab. Cost	Cost-Effectiveness
<b>TOTAL</b>				<b>9,216</b>	<b>4,608</b>	<b>\$192,983</b>		<b>\$11,117</b>	
<b>TOTAL NON-EXCESSIVE</b>				<b>0</b>	<b>0</b>	<b>\$0</b>		<b>\$7,162</b>	
<b>TOTAL EXCESSIVE RECOMMENDED</b>				<b>9,216</b>	<b>4,608</b>	<b>\$192,983</b>		<b>\$3,956</b>	
<b>TOTAL VALUE EFFECTIVE RECOMMENDED</b>				<b>0</b>	<b>0</b>	<b>\$0</b>		<b>\$0</b>	
<b>TOTAL NON-EXCESSIVE RECOMMENDED</b>				<b>0</b>	<b>0</b>	<b>\$0</b>		<b>\$0</b>	
<b>TOTAL RECOMMENDED</b>				<b>9,216</b>	<b>4,608</b>	<b>\$192,983</b>		<b>\$3,956</b>	
<b>TOTAL RECOMMENDED MANHOLES</b>								<b>3</b>	

## **APPENDIX D**

### **T&T COST CALCULATION**

**T&T Cost Calculation  
Rochester, New Hampshire  
May 2023**

Fiscal year 2022 Transportation and Treatment (T&T) costs for sewage in the City of Rochester can be calculated using the City's O&M and Capital costs. Table A shows Rochester's FY22 O&M and Capital costs.

**TABLE A – CITY OF ROCHESTER SEWERAGE COSTS FY22**

ITEM	FLOW (gallons/year)	FLOW (gallons/day)	ROCHESTER COST	COST (\$/GPD)
Administration + O&M	1,110,549,000	3,042,600	\$2,991,153	\$0.9831
Capital Improvement Expenditures (WWTF, PS, & Collections Maintenance and Upgrades)	1,110,549,000	3,042,600	\$2,381,000	\$0.7826
Debt Services (Capital Costs)	1,110,549,000	3,042,600	\$2,610,003	\$0.8578
<b>TOTAL</b>			<b>\$7,982,156</b>	<b>\$2.6235</b>

Therefore, the total FY22 T&T cost for the City of Rochester's costs is \$2.6235/GPD

According to the Department of Environmental Protection's (DEP) Guidelines for Performing I/I Analyses and SSES this cost of \$2.6235/GPD needs to be extended throughout the life of a rehabilitative measure. The life cycle for a rehabilitative measure can be set by good engineering judgment as well as backup documentation, depending on the type of rehabilitation. For this study, Weston & Sampson will use a life cycle of 20 years.

To find the present worth of a rehabilitative measure over a twenty-year period, a discount rate, or annual percentage rate, is required. According to the DEP, the discount rate for FY22 is 2.25%. To calculate the T&T cost in order to account for this twenty-year period, a present worth analysis must be done. The following formula will calculate the present worth of the T&T cost for the next twenty years.

**PRESENT WORTH ANALYSIS:**

Discount Rate = 2.25% (DEP FY22 Information)

Present Worth Factor:

$$\frac{(1+i)^n - 1}{i(1+i)^n} \quad \text{where:} \quad \begin{array}{l} i = \text{discount rate, or interest rate} \\ n = \text{number of years} \end{array}$$

$$\frac{(1 + 0.0225)^{20} - 1}{0.0225(1 + 0.0225)^{20}} = 15.96$$

Present Worth T&T Cost (Using DEP FY22 Discount Rate):

(Present Worth Factor) x (FY22 T&T cost)

$$15.96 \times \$2.6235/\text{GPD} = \$41.88/\text{GPD}$$

Therefore, the T&T cost for the City of Rochester, using a present worth of the rehabilitation over a twenty-year period and a discount rate of 2.25% is \$41.88/GPD.