



*Investing in clean water resources*

# Semi-Annual Report 2019-1

## January 1, 2019 through June 30, 2019

Submitted

August 30, 2019





*Prepared by*

**EVANSVILLE WATER & SEWER UTILITY**

City-County Administration Building

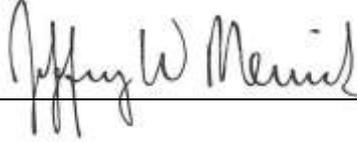
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## SUBMITTAL AUTHORIZATION

Approved By:

  
\_\_\_\_\_

August 30, 2019

\_\_\_\_\_  
**Date**

I certify under penalty of law that I have examined and am familiar with the information submitted in this document and all attachments and that this document and its attachments were prepared under my direction or supervision in a manner designed to ensure that qualified and knowledgeable personnel properly gather and present the information contained therein. I further certify, based on my inquiry of those individuals immediately responsible for obtaining the information, that I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.



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# Acronyms and Abbreviations

CCTV	closed-circuit television
CMMS	computerized maintenance management system
CMOM	Capacity Management, Operation, and Maintenance
CSO	combined sewer overflow
CSS	combined sewer system
Decree	Consent Decree between Evansville Water and Sewer Utility and the United States and State of Indiana
DOJ	U.S. Department of Justice
FOG	fats, oil, and grease
IDEM	Indiana Department of Environmental Management
IOCP	Integrated Overflow Control Plan
LTCP	Long-term Control Plan
SAR	Semi-Annual Report
SOP	standard operating procedure
SORP	Sewer Overflow Response Plan
SR CER	Stream Reach Characterization and Evaluation Report
SSA	Sewer System Assessment
SSES	sewer system evaluation survey
SSO	sanitary sewer overflow
SSRM	Sewer Systems Remedial Measures
SSS	separate sanitary sewer
USEPA	U.S. Environmental Protection Agency
Utility	Evansville Water and Sewer Utility
WWTP	wastewater treatment plant



## SECTION 1

# Introduction

The Evansville Water and Sewer Utility (Utility) entered into a Consent Decree (Decree) with the U.S. Department of Justice (DOJ), the U.S. Environmental Protection Agency (USEPA), and the Indiana Department of Environmental Management (IDEM) in November 2010. The federal court entered the Decree as final on June 20, 2011. As part of the Decree, Semi-Annual Reports (SARs) must be submitted by the Utility to determine compliance with the requirements of the Decree.

This SAR describes the Utility's compliance with Decree Cause No. 3:09-cv-128-WTL-WGH for the January 1, 2019 through June 30, 2019 reporting period.

This report follows the format and requirements for the SAR as required by Appendix D of the Decree. Specifically, the report provides updates for the following Decree requirements:

- Section 2—Decree Section VI.A: Dry Weather Overflows
- Section 3—Decree Sections VI.A and VI.B: Sanitary sewer overflow (SSO) and combined sewer system (CSS) Release Documentation and Reporting
- Section 4—Decree Section VI.C: Installation of Overflow Alarms at Pump Stations
- Section 5—Decree Section VI.D: Revisions to combined sewer overflow (CSO) Operational Plan
- Section 6—Decree Section VI.E: Maximizing Existing Flow and Storage Capacity of the Sewer Systems
- Section 7—Decree Section VI.F: Capacity Management, Operation, and Maintenance (CMOM) Program Activities
- Section 8—Decree Section VI.G: Sewer Overflow Response Plan (SORP)
- Section 9—Decree Section VII.B: Completion and Implementation of the Long-term Control Plan (LTCP)
- Section 10—Decree Appendix C: Sewer System Assessment Report
- Section 11—Decree Section VII.C: Sewer Systems Remedial Measures Plan
- Section 12—Decree Section VII: General Integrated Overflow Control Plan (IOCP) Development and Implementation

## 1.1 Reporting Period Overview

During the reporting period, the Utility accomplished the following items directly related to completion of the IOCP:

- Submitted SAR 2018-2 (March 1, 2019)
- Continued Construction for the Cass Adams CSO Interceptor Sewer project (Achieved Full Operation of the Bee Slough Drainage pipeline portion of the project December 20, 2017)
- Completed two Green Infrastructure Projects and continued the design and construction of five additional projects.
- Continued design for Phase II portion of the North Park Rehabilitation project (the project is 95% complete and final design is pending due to current discussions with the Agencies)
- Completed Pigeon Creek Interceptor Cleaning project (The final cleaning and inspection was completed on October 24, 2017 and the final design for optimization and real time control was ongoing during the reporting period)
- Completed Advanced Facility Planning, Bee Slough Solution (The Utility is currently discussing additional alternative methods for the Bee Slough Solution with the Agencies)
- Continued construction of the West WWTP Storage Facility
- Continued construction for Contract C (Underground Piping Phase 1) of the East WWTP Effluent Pump Station Project
- Continued construction for Contract A of the East WWTP Effluent Pump Station Project
- Continued construction for the West WWTP expansion project
- Awarded contract for the Akin Park partial sewer separation project (April 16, 2019)
- Awarded contract for Phase I portion of the East WWTP expansion (April 16, 2019) and continued design of the Phase II portion of the East WWTP expansion
- Continued design of Lift Station work in the Lloyd Expressway Basin

SECTION 2

## Dry Weather Overflows

During the reporting period, the Utility did not have any discharges from a CSS overflow structure occurring more than 24 hours after a precipitation event.



## SECTION 3

# SSO and CSS Release Documentation and Reporting

Section 3 presents information regarding separate SSO and CSS releases.

### 3.1 SSO and CSS Releases

Table 3-1 summarizes SSO and CSS releases that have occurred during the reporting period, as well as during the previous 5 years. An electronic version of Table 3-1 is provided on the CD included with this report.

The locations of SSO and CSS releases during the January through June 2019 reporting period are shown in the figure at the end of the report.

### 3.2 Recurring Overflows

Overflow data provided in Table 3-1 were analyzed to assess whether SSO or CSS releases occurred at the same sewer segment (or location), the same manhole, or the same pump station within the previous 5-year period.

Table 3-2 lists the recurring overflow locations and the dates of the occurrences.

### 3.3 Discharges to Water Bodies

Table 3-3 lists SSO or CSS releases that have resulted in known discharges to a receiving water body.

### 3.4 Remedial Actions to Mitigate SSOs and CSS Releases

Table 3-1 describes the actions taken to mitigate the effects of each SSO and CSS release. Additionally, the Utility inspects the pipe later to determine whether additional corrective measure(s) should be taken. For the reporting period, closed-circuit television (CCTV) inspections were completed at the SSO/CSS release locations listed in Table 3-4.



## SECTION 4

# Installation of Overflow Alarms at Pump Stations

The Utility completed installation of overflow alarms at all 90 existing sanitary pump stations in 2010. Since 2010, the Utility has accepted for maintenance three additional sanitary pump stations (the I-164 pump station, the Cass Avenue pump station and the Cass Adams pump station) that were installed with overflow alarms. Each of the Utility's 93 sanitary pump stations are equipped with overflow alarms to notify Utility personnel in the event of a high wet well level.



## SECTION 5

# Revisions to CSO Operational Plan



The Utility submitted the 2018 CSO Operation Plan update November 1, 2018.

The Utility will initiate preparation of the 2019 annual update during the July through December 2019 reporting period, and will submit the 2019 update on November 1, 2019.



## SECTION 6

# Maximizing Existing Flow and Storage Capacity of the Sewer Systems

Section 6 describes ways the existing flow and storage capacity of the sewer systems were maximized during the reporting period.

## 6.1 CSO Discharges when WWTP Flow was not Maximized

### 6.1.1 CSO 123, West System

There were no discharges during the reporting period from CSO 123 on days when the West WWTP treated flows were less than the current, permitted maximum treatable flow. The Utility physically eliminated CSO 123 per Consent Decree Appendix G in October 2016.

### 6.1.2 CSO 009, West System

There were no discharges during the reporting period from CSO 009 on days when the West WWTP treated flows were less than the current, permitted maximum treatable flow. The Utility physically eliminated CSO 009 per Consent Decree Appendix G in October 2016.

### 6.1.3 CSO 103, East System

There were no discharges during the reporting period from CSO 103 on days when the East WWTP treated flows were less than the current, permitted maximum treatable flow.

## 6.2 East WWTP Influent Pump and Bar Screen Update

The East WWTP influent pump installation and bar screen project is complete. The project was completed in February 2012, prior to the March 1, 2012, Decree deadline.

## 6.3 West WWTP Baffles Update

Installation of baffles in the secondary clarifiers at the West WWTP is complete.

The Decree required the Utility to install baffles by April 30, 2011, to increase flow through the clarifiers. The Utility completed baffle installation on April 18, 2011, and the secondary clarifiers were placed back into service on April 19, 2011.



## SECTION 7

# Capacity Management, Operating, and Maintenance Program Activities

Per the Consent Decree, the Utility has submitted several CMOM documents; CMOM 2.0 was submitted on May 1, 2011, CMOM 2.1 was submitted on February 29, 2012, CMOM 3.0 was submitted on November 30, 2012, and CMOM 3.1 was submitted on February 14, 2014.

## 7.1 Fats, Oil, and Grease Program

The Utility's fats, oil, and grease (FOG) program is consistent with the requirements of CMOM 3.1.

CMOM 2.0 and 2.1 (submitted February 29, 2012) required provisions for the control of FOG by cleaning or other effective methods, including procedures for attempting to prevent the introduction of FOG to the system, and identification of areas where FOG blockages have recurred and where introduction of FOG to the system is likely. CMOM 3.0 required an enforceable mechanism to impose specific requirements for Food Establishments that are sources of FOG, enforcement procedures for noncompliant Food Establishments, and Food Establishment inspection requirements. The Utility's FOG plan includes the following procedures:

- A Sewer Use Ordinance which prohibits the discharge of mineral-based oils and greases into the sewer system and mandates that a grease trap be installed in all restaurants and food-preparation establishments that have the potential to discharge waste containing FOG.
- Repeat cleaning of pipeline segments where grease buildup or blockages have occurred in the past.
- Establishment and maintenance of a database of food establishments in the service area that are sources of FOG.
- Requirements that food establishments clean out grease control equipment at intervals appropriate to maintain grease capture effectiveness, keep records of the dates and amounts of grease removed, and explain how and where the grease was disposed.
- Procedures for notifying new food establishment owners and operators about the requirement of grease capture and record keeping.
- Periodic and random inspections of food-preparation establishments' grease control measures at least once every five years, with at least 40% of establishments inspected every two consecutive years.
- Enforcement of the FOG control provisions, including the issuance of a Notice(s) of Violation that documents corrective measures and timeframes for completion, including the issuance of fines.

- Listing in the newspaper of food establishments that do not maintain their grease trap or the grease trap maintenance log.

#### **7.1.1 Status of FOG Program Preparation**

The Utility's FOG program has been developed in accordance with CMOM 3.0 requirements and as updated by CMOM 3.1 submitted February 14, 2014.

The list of food establishments is continually updated and stored in the Utility's Cityworks database. Table 7-1 presents the food establishment listing for this reporting period.

The Utility's FOG Web site includes general information and links regarding best management practices for managing food materials, grease trap design, maintenance, and function, and go-green initiatives. The Utility distributed public outreach materials for mailing to food establishments during the reporting period on an ongoing basis. The FOG staff continued a public outreach program by distributing door hangers to apartment complexes. These materials communicate both the sources of FOG and the need to reduce the introduction of it to the sewer systems. Additionally, during the previous reporting period, the Utility initiated a FOG awareness campaign that included banners and billboards to educate the public regarding the proper disposal of FOG. The Utility continued the FOG awareness campaign during the reporting period.

#### **7.1.2 Status of Approved FOG Program Implementation**

Per the requirements of the Consent Decree, CMOM 2.0 was submitted May 1, 2011, CMOM 2.1 was submitted February 29, 2012, and CMOM 3.0 was submitted November 30, 2012. The Utility began operating under CMOM 3.0 on November 30, 2012. Comments from USEPA regarding CMOM 3.0 were received on October 31, 2013, and a written response was provided to USEPA on December 6, 2013. An updated CMOM 3.1 was submitted to regulators on February 14, 2014, and the Utility is now operating under the new CMOM version. An update on the Utility's actions to implement the FOG program is provided.

#### **7.1.3 The following occurred during the reporting period:**

- There were no revisions of regulations and / or ordinances to implement the Grease Control Program during the reporting period.
- The Utility and Vanderburgh County Health Department worked to jointly enforce the Utility's FOG Program. During the reporting period, the Utility and Health Department focused on educating food establishments on best management practices for controlling FOG and reviewing grease trap manifests during site visits. Additionally, they distributed questionnaires to gather information and update their records regarding the number of grease interceptors in the system.
- 267 grease trap inspections (35% of the total) were conducted during the reporting period.
- The Utility issued 1 fine and 10 Notice(s) of Violation to establishments during the reporting period.
- The Utility does not issue permits to implement regulations and/or ordinances, as other enforceable mechanisms are used to implement FOG regulations.

## 7.2 Approved CMOM Program Activities

Per the requirements of the Consent Decree, CMOM 2.0 was submitted May 1, 2011, CMOM 2.1 was submitted February 29, 2012, and CMOM 3.0 was submitted November 30, 2012. The Utility began operating under CMOM 3.0 on November 30, 2012. Comments from USEPA regarding CMOM 3.0 were received on October 31, 2013, and a written response was provided to USEPA on December 6, 2013. An updated CMOM 3.1 was submitted to regulators on February 14, 2014, and the Utility is now operating under the new CMOM version. Activities undertaken by the Utility between January 1 and June 30, 2018, pursuant to CMOM 3.1, are described in the following subsections.

### 7.2.1 Root Intrusion Treatments for Sewer Segments

During the reporting period, 10,004 linear feet of sewer segments in the SSS and CSS were mechanically treated for root intrusion, as listed in Table 7-2. Chemical root treatments were not completed during this reporting period. The figure at the end of the report shows the location of the sewer segments treated for root intrusion.

### 7.2.2 Pump Station Inspections

The Utility conducts two types of pump station inspections:

- Routine inspections
- Ten State Standard Inspections

#### 7.2.2.1 Routine Inspections

The Utility operates 93 sanitary pump stations. As part of routine operations, each pump station is inspected weekly, and maintenance is performed as required. Pump station locations are provided in the figure at the end of the report.

#### 7.2.2.2 Ten State Standard Inspections

Pump station inspections were previously completed for all existing 90 sanitary pump stations in the sewer system to assess the adequacy of the sanitary pump stations in compliance with Chapter 40, Wastewater Pumping Stations, of the most recent edition of Recommended Standards for Wastewater Facilities by the Great-Lakes Upper Mississippi River Board of State and Provincial Public Health and Environmental Managers (Ten State Standards).

Details of the inspections were provided in the pump station inspection reports included with the Utility's CMOM 2.0, 2.1, and 3.0 submittals. The November 30, 2012 CMOM 3.0 pump station inspection requirement has, therefore, been met.

Since 2010, the Utility has accepted for maintenance the I-164 pump station, the Cass Avenue pump station, and the Cass Adams pump station, therefore the total number of sanitary pump stations has increased to 93. The I-164, Cass Avenue and Cass Adams sanitary pump stations were constructed to comply with Ten State Standards.

### 7.2.3 Cleaning and Routine Inspection of Sewer Pipes

#### 7.2.3.1 *Cleaning of 8-inch to 15-inch Sewer Segments*

During the reporting period, 6.2 percent of 8-inch to 15-inch diameter pipes were cleaned. Cleaning statistics during the reporting period for sewer segments between 8 and 15 inches in diameter are listed in Table 7-3.

Table 7-3 Cleaning Statistics, 8" to 15" Diameter Pipes

Sewer System	Total Length (feet)	Length Cleaned (feet)	Length Cleaned (miles)	Percentage of Total Cleaned
CSS	921,917	0	0	0
SSS	2,411,106	207,628	39.3	8.6
<b>Total</b>	<b>3,333,023</b>	<b>207,628</b>	<b>39.3</b>	<b>6.2</b>

Table 7-4 provides details regarding the cleaning of pipe segments, and the figure at the end of the report shows the location of the segments. Completion of the annual 75-mile CMOM cleaning requirement will occur during the next reporting period. In addition, the decree required the Utility to develop a schedule for cleaning and inspecting all 8-inch through 15-inch pipe segments by November 1, 2017. However, Evansville requested a modification to the decree to extend the deadline for completion of the cleaning and inspection program to January 31, 2018. The Utility completed the cleaning schedule during the 2018-1 reporting period to meet the deadline for the decree extension period. Therefore, with the completion of the first cycle cleaning schedule, the Utility has cleaned all pipe segments within the 8 years prior to the end of the reporting period.

#### 7.2.3.2 *Inspection of 8-inch to 15-inch Sewer Segments*

The Utility inspected 202,644 linear feet of 8-inch to 15-inch diameter sewer segments using CCTV during the reporting period, and inspected 4,964 linear feet of 8-inch to 15-inch diameter sewer segments using SL-RAT Acoustic during the reporting period. Tables 7-5 and 7-6 identify the segments inspected, and the figure at the end of the report shows the locations of the pipe segments. Completion of the annual 75-mile CMOM inspection requirement will occur during the next reporting period. Additionally, the Utility received an extension for the cleaning and inspection schedule to January 31, 2018. The Utility completed the inspection schedule during the 2018-1 reporting period to meet the deadline for the decree extension period. Therefore, with the completion of the first cycle inspection schedule, the Utility has inspected all pipe segments within the 8 years prior to the end of the reporting period.

#### 7.2.3.3 *CCTV inspections where SSO or CSO Release Occurred*

Inspections of sewer segments where an SSO or CSS release occurred are listed in Table 3-4. There were six such CCTV inspections completed for the reporting period.

#### **7.2.4 Manhole Inspections**

During the reporting period, 424 manhole inspections were completed. A list of the manholes inspected, the dates, and the results of the inspections are provided in Table 7-7 and the locations of the inspections are illustrated in the figure at the end of the report.

#### **7.2.5 Pump Station Assessment Update**

As described in Section 7.2.2, assessment of all 93 sanitary pump stations is complete.

#### **7.2.6 Pump Station Ten State Standards Compliance Update**

The Utility completed the initial Ten States Standards assessment just prior to the end of the SAR 2011-1 reporting period, the next 50 percent of the assessments just prior to the end of the SAR 2011-2 reporting period, and the final 25 percent of the assessments just prior to the end of the SAR 2012-1 reporting period. A schedule for project implementation was included in CMOM 3.0.

Since 2012, the Utility has completed rehabilitation of 28 pump stations identified in CMOM 3.0 as pump stations in need of capital improvements to comply with Ten States Standards criteria. The Utility awarded contracts to rehabilitate four (4) additional pump stations during the previous reporting period. In addition, the Utility awarded contracts to eliminate three (3) pump stations during the reporting period.

#### **7.2.7 Additional Information Regarding CMOM Adherence**

The Evansville Water and Sewer Utility (EWSU) own and operate a wastewater treatment system currently utilized by businesses located in Vanderburgh County, Indiana. In response to a Pretreatment Audit conducted by the Indiana Department of Environmental Management ("IDEM"), the EWSU must enforce a pretreatment program to control discharges from all industrial users of its wastewater treatment system pursuant to the requirements of 40 C.F.R. Part 403 and 327 Indiana Administrative Code Article 5.

Pursuant to IDEM requirements, the County agreed to adopt a sewer ordinance that subjects the industrial users of the EWSU sewer system within its jurisdiction to the necessary pretreatment controls. The County authorized the EWSU to implement and enforce said sewer ordinance that is no less stringent than the Sewer Use Ordinance codified in Title 13 Chapter 13.05 and Chapter 13.20 of the Evansville Municipal Code. Furthermore, the County adopted pollutant specific limits specified by the EWSU which shall address at least the same pollutant parameters and shall be no less stringent than the local limits enacted by the EWSU.

Consequently, the County designated the EWSU as its agent for the sole purpose of implementing and enforcing the County sewer ordinance against users located in the County's jurisdiction, which shall include the filing of a cause of action in a court of law.

During the previous reporting period, the Utility initiated the 2018 annual CIPP lining project and the East WWTP Effluent sewer rehabilitation project. These projects will result in 1.03 miles of large diameter sewers and 1.10 miles of small diameter sewers receiving lining rehabilitation. Additionally, the Utility completed the expanded scope work in the 2017 Annual Sewer Lining project during the reporting period.



## SECTION 8

# Sewer Overflow Response Plan

## 8.1 Development and Revision of the Sewer Overflow Response Plan

The Utility has submitted four SORP documents in compliance with Decree requirements. SORP 1.0 was submitted on December 1, 2010, SORP 2.0 was submitted on May 1, 2011, SORP 2.1 was submitted on August 29, 2011, and SORP 2.2 was submitted on May 1, 2017.

Approval of SORP 1.0 was received by USEPA as part of a July 26, 2011, transmittal letter that provided comments on SORP 2.0. The Utility responded to USEPA's SORP 2.0 comments and submitted SORP 2.1 on August 29, 2011. SORP 2.0 comment responses and both SORP 2.1 and 2.2 are under review by USEPA, and approval was not received during the reporting period.

Section 8.2 provides details regarding actions undertaken to implement the SORP documents, which are not yet approved by USEPA.

## 8.2 Implementation of Sewer Overflow Response Plan

The Utility had been operating under the guidelines presented within the SORP 2.1 document since submittal of the document on August 29, 2011. However, the Utility revised the plan and submitted SORP 2.2 on May 1, 2017. Approval of SORP 2.2 was not received during the reporting period, but the Utility is operating under the guidelines presented within the SORP 2.2 document.

### 8.2.1 Training

During this reporting period, the Utility conducted the semiannual SORP overview for collection system managers, staff, and dispatchers. The training was conducted in June 2019.

### 8.2.2 Development or Revisions of Standard Operating Procedures

The Utility submitted SORP 2.1 on August 29, 2011. The Utility revised the plan and submitted SORP 2.2 on May 1, 2017 and the standard operating procedures (SOPs) were not modified between the SORP 2.2 submittal date and the end of the reporting period.

### 8.2.3 Data Management and Tracking

The Utility utilized DataStream 7i for data management and tracking until May 2012, when Cityworks was implemented as the new computerized maintenance management system (CMMS).

The Utility also uses an online tracking system of CSO, SSO, CSS release, and building/property backup locations at <http://maps.evansvillegis.com/csviewer/>.

### 8.2.4 Outreach and Educational Materials

The SORP public outreach and educational materials were not modified during the reporting period.

**8.2.5 Procedures for Public Notification**

The Utility adheres to the procedures for public notification as described within the SORP 2.2 document.

**8.2.6 Application of the SORP**

The Utility revised SORP 2.1 and submitted SORP 2.2 to USEPA (May 1, 2017), and the Utility followed the procedures outlined within SORP 2.2 during the reporting period.

## SECTION 9

# Completion and Implementation of the LTCP

The LTCP provides for the construction and implementation of WWTP and sewer system improvements and other measures necessary to control, reduce, or treat discharges in accordance with the Utility's permit and Decree requirements. The LTCP builds upon and integrates the results of the SRCER, system characterization, and SSS and CSS hydraulic modeling.

## 9.1 Development Status of the LTCP

The Final LTCP was submitted on May 31, 2013. The Final LTCP was denied by USEPA and IDEM on June 16, 2014. Evansville was engaged in ongoing dialogue with USEPA and IDEM via in-person meetings, teleconference calls and written, detailed technical information regarding the plan. The agencies approved the Final LTCP on August 31, 2017.

Prior to agency disapproval of the plan, Evansville sought and received approval of several early action projects set forth in the IOCP. During the reporting period, the Utility accomplished the following items directly related to the early action projects:

- Green Infrastructure: Completed two participation projects and continued design and construction of five additional projects.
- Drainage Pipelines between Bee Slough and the East WWTP: Continued construction for the Cass Adams CSO Interceptor Sewer project. The Utility Achieved Full Operation of the Bee Slough Drainage pipeline portion of the project December 20, 2017).
- Pigeon Creek Interceptor optimization and real time control (including cleaning): Cleaning contract awarded during the 2016-1 reporting period. The Utility completed final cleaning and inspection on October 24, 2017. Final design for optimization and real time control ongoing during the reporting period.
- North Park Rehabilitation Projects: The completed post construction monitoring report identified areas on where to focus the remaining investment dollars. The Utility continued design for the Phase II portion of the project and has requested consideration from the Agencies to consider an R-value of less than or equal to five as sufficient to stop investment.

Additionally, the Utility accomplished the following items directly related to the IOCP:

- Completed AFP – Bee Slough Solution: The Utility is currently discussing additional alternative methods for the Bee Slough Solution with the Agencies
- Continued construction of the West WWTP expansion
- Continued construction of the West WWTP Storage Facility
- Continued construction of Contracts A and C of the East WWTP Effluent Pump Station
- Awarded contract for the Akin Park partial sewer separation

SECTION 9

- Awarded contract for the Phase I portion of the East WWTP expansion and continued design of the Phase II portion of the East WTP expansion
- Continued design of Lift Station work in the Lloyd Expressway Basin

## SECTION 10

# Sewer System Assessment Report

The Sewer System Assessment (SSA) Report compiles and correlates the results of the Sewer System Characterization, the SSES, the Capacity Assessment, and other information for the sewer shed areas and sewer segments included in the SSES and SSS hydraulic models.

The SSA was submitted as required on March 31, 2012. The SSA included the SSES Report and the Capacity Assessment, in accordance with Appendix B of the Decree.

Based on comments received from USEPA May 24, 2012 and the comment response submitted in return, a revised SSA was submitted July 31, 2012.



## SECTION 11

# Sewer Systems Remedial Measures Plan

The Sewer Systems Remedial Measures (SSRM) Plan establishes a plan and schedule for implementing remedial measures designed to prevent and control SSOs to the selected site-specific or system-wide design storm under current and future projected flow conditions.

### 11.1 Development Status of the SSRM Plan

The SSRM Plan was developed following completion of the SSA. During the 2013-1 reporting period, the Draft SSRMP was updated to address comments received from EPA during the 2012-2 reporting period. A revised version of the Draft SSRMP was submitted January 4, 2013.

The Final SSRM Plan alternatives analysis and proposed implementation schedules were submitted May 31, 2013, in accordance with Appendix B of the Decree. On November 13, 2013, the Utility received written comments from USEPA regarding the SSRMP. The Utility sent USEPA a written response to the comments on December 10, 2013.

The Final SSRM Plan was submitted on May 13, 2013. The Final SSRM plan was denied by USEPA and IDEM on June 16, 2014. Evansville was engaged in ongoing dialogue with USEPA and IDEM via in-person meetings, teleconference calls and written, detailed technical information regarding the plan. The agencies approved the Final SSRM Plan on August 31, 2017.

Prior to agency disapproval of the plan, Evansville sought and received approval of several early action projects set forth in the IOCP. During the reporting period, the Utility accomplished the following items directly related to the early action project and the SSRM Plan.

- North Park Rehabilitation Projects: Post construction monitoring completed. The PCM report identified areas on where to focus the remaining investment dollars. The Utility continued design for Phase II portion of the project during the reporting period (the project is 95% complete and final design is pending due to current discussions with the Agencies).
- Lloyd Expressway Basin: Continued design for the Bonnieview and Oak project and completed construction of the Plaza Drive Lift Station force main relocation during the previous reporting period.

Additionally, as is described in CMOM 3.1, submitted on February 14, 2014, the Utility identifies any recurring, capacity-related SSOs that occurred in high priority areas identified in the 2013 Sanitary Sewer Remedial Measures Plan as categorized in the May 10, 2013 Technical Memorandum: Identifying SSOs included in the SSRMP.

Table 11-1 list the SSRM Plan capacity related SSO release locations that occurred during the reporting period.



## SECTION 12

# General IOCP Development and Implementation

The Utility's IOCP presents an overall Capital Improvement Plan that integrates the Utility's combined sewer LTCP with a prioritized set of projects focusing on identifying and addressing condition related needs identified as part of the SSS evaluation.

The Final IOCP was submitted May 31, 2013, in accordance with Appendix B of the Decree.

## 12.1 Status of Consent Decree Appendix C Submittals

Numerous submittals are required as part of the IOCP development. A deliverables listing is provided as Table 12-1, and a status update for the submittals required by Appendix C of the Decree follows.

### 12.1.1 Public and Regulatory Agency Participation

The Utility submitted a Public and Regulatory Agency Participation Work Plan on December 30, 2010.

During previous reporting periods, Citizen Advisory Committee meetings were conducted, a project website ([www.renewevansville.com](http://www.renewevansville.com)) became available for public access, and Renew Evansville IOCP branding was introduced to the public. During the 2013-1 reporting period, three Citizen Advisory Committee meetings, one public briefing to City Council, and six public meetings were conducted prior to submittal of the Final IOCP documents.

### 12.1.2 SRCER Update

The Utility submitted the 2011 SRCER Update on August 31, 2011, as required by the Decree.

### 12.1.3 System Characterization

The Utility submitted the System Characterization on November 31, 2011, in accordance with the Decree.

### 12.1.4 SSES and Work Plan

The Utility submitted a revised SSES Work Plan December 1, 2010, as required by the Decree.

The Utility initiated and completed the work outlined within the SSES Work Plan during the 2011-1 and 2011-2 reporting periods.

### 12.1.5 Update to Modeling Program

Updates to the East and West CSS hydraulic models were ongoing throughout the reporting period. In addition, the SSS hydraulic models for the East and West SSS were updated during the reporting period.

The SSS hydraulic model initial development documentation and calibration reports were submitted in conjunction with the Initial System Characterization on November 30, 2011.

Additionally, the current East CSS modeling during typical years have yielded different target CSO volumes and peak discharges in the Bee Slough AFP. During the reporting period, the Utility discussed with the agencies methods to address design criteria alterations to Appendix G of the Final IOCP.

#### **12.1.6 Capacity Assessment**

The capacity assessment work plan was submitted as part of the Modeling Work Plan.

The capacity assessment employed calibrated hydraulic models to identify appropriate remedial measures to address capacity limitations in the sewer systems. The Capacity Assessment was submitted March 31, 2012.

#### **12.1.7 SSA Report**

The SSA Report was submitted March 31, 2012. An updated SSA Report was submitted July 31, 2012, as Appendix A of the Draft SSRMP. Details regarding the status and development of the SSA Report are provided in Section 10.

#### **12.1.8 SSRM Plan**

The Final SSRM Plan was submitted May 31, 2013. Details regarding the status and development of the SSRM Plan are provided in Section 11.

#### **12.1.9 Update of LTCP Portion of IOCP**

The Final LTCP Update was submitted May 31, 2013. Details regarding the status and development of the LTCP portion of the IOCP are provided in Section 9.

### **12.2 Status of IOCP Improvements**

The Utility submitted the Final IOCP on May 31, 2013. USEPA and IDEM (Agencies) denied the Final IOCP on June 16, 2014. Evansville was engaged in ongoing dialogue with the agencies via in-person meetings, teleconference calls and written, detailed technical information regarding the plan. As a result, the Utility submitted revised versions of the IOCP on January 15, 2016, June 30, 2016, and July 6, 2017. The agencies approved the Final IOCP on August 31, 2017. During the reporting period, the Utility requested considerations to Appendix G of the IOCP, final determinations of the considerations are still under review by the Agencies.

Prior to the agencies disapproval of the plan, Evansville sought and received approval of several early action projects set forth in the IOCP. Details regarding the early actions projects and the status of scheduled IOCP projects are provided in Section 9.

Additionally, as per the third amendment to the Decree, the Utility has commenced construction of specific Non-IOCP Capital Investments identified in Appendix I of the Decree. Table 12-2 lists the investments that have achieved full operation during the reporting period and the preceding three-year period.

**Figure**

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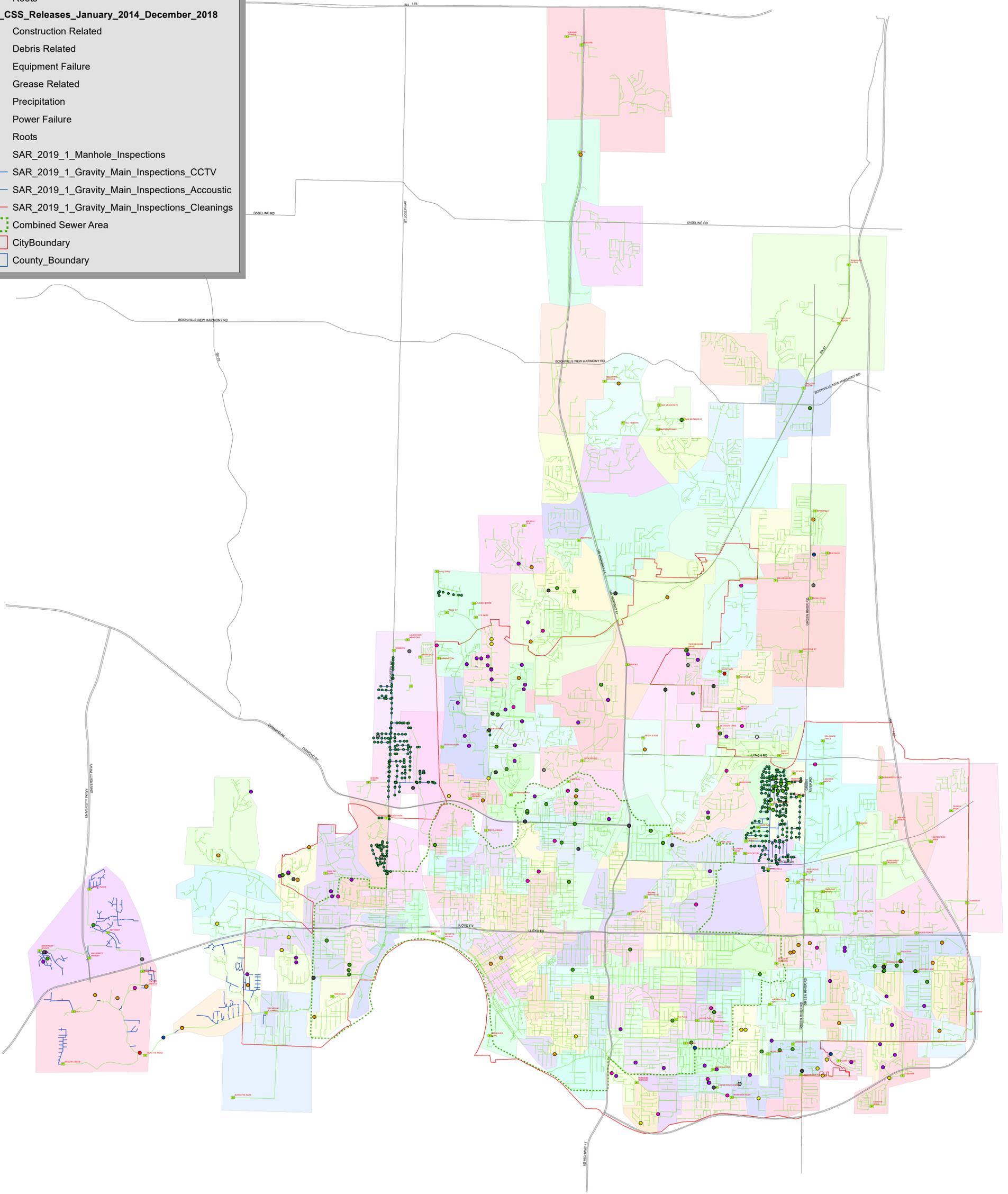
# Evansville Water and Sewer Utility

## SSO\_CSS\_Releases\_January\_June\_2019

- Construction Related
- Debris
- Equipment Failure
- Grease
- Hydraulically Maximized
- Power Failure
- Rags
- Roots

## SSO\_CSS\_Releases\_January\_2014\_December\_2018

- Construction Related
- Debris Related
- Equipment Failure
- Grease Related
- Precipitation
- Power Failure
- Roots
- SAR\_2019\_1\_Manhole\_Inspections
- SAR\_2019\_1\_Gravity\_Main\_Inspections\_CCTV
- SAR\_2019\_1\_Gravity\_Main\_Inspections\_Accoustic
- SAR\_2019\_1\_Gravity\_Main\_Inspections\_Cleanings
- ▭ Combined Sewer Area
- ▭ CityBoundary
- ▭ County\_Boundary





## Tables

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TABLE 3-1  
SSO and CSS Releases  
January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue		CCTV Completed
														EWSU System	Private Property	
W	SSS	6/30/2019 7:45 PM	6/30/2019 11:45 PM	5900 Twickingham Drive	7588	11083	8094	11.45	200	Basement Floor	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	No
E	SSS	6/22/2019 8:45 AM	6/22/2019 9:15 AM	2720 Frisee Avenue	NA	NA	NA	0.5	150	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	6/22/2019 8:15 AM	6/22/2019 10:00 AM	5317 Hitch Peters Road	7480	7479	23717	1.75	5,250	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	6/22/2019 8:00 AM	6/22/2019 7:45 PM	6601 E Oak Street	5840	5841	22948	11.75	9,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	6/22/2019 7:15 AM	6/22/2019 8:30 AM	711 W Mill Road	280751	3786	27329	1.25	3,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	6/22/2019 8:45 AM	6/22/2019 8:00 AM	1475 E Diamond Avenue	12210	12209	14882	1.25	3,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	6/16/2019 9:45 PM	6/17/2019 12:30 AM	1187 Burch Drive	10918	10923	24226	2.75	8,250	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	6/16/2019 9:30 PM	6/17/2019 1:00 AM	711 W Mill Road	280751	3786	27329	3.5	10,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	6/11/2019 3:00 PM	6/12/2019 2:30 PM	4841 Millersburg Road	6073	NA	26847	23.5	1,440	Tributary	Equipment Failure	Air relief valve failed	Replaced valve	Yes	No	NA
E	SSS	5/3/2019 7:30 AM	5/3/2019 10:45 PM	6601 E Oak Street	5840	5841	22948	15.25	29,625	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/20/2019 12:30 AM	4/20/2019 7:00 PM	6601 E Oak Street	5840	5841	22948	14.5	27,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/8/2019 8:05 AM	4/8/2019 9:00 AM	123 Fernwood Place	58407	58408	22052	0.92	110	Tributary	Roots	Root infiltration	Replaced section of main sewer	Yes	No	Yes
E	SSS	3/30/2019 3:30 PM	3/30/2019 11:00 PM	6601 E Oak Street	5840	5841	22948	7.5	11,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	3/30/2019 3:15 PM	3/30/2019 6:00 PM	5317 Hitch Peters Road	7480	7479	23717	2.75	8,250	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/30/2019 3:15 PM	3/30/2019 6:15 PM	711 W Mill Road	280751	3786	27329	3	9,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/21/2019 9:45 PM	3/26/2019 3:45 PM	1500 Russell Avenue	8146	8147	6455	5.5	660	Ground	Roots	Root Infiltration	Utility replaced sections of main sewer	Yes	No	Yes
W	SSS	3/29/2019 10:30 AM	3/29/2019 12:15 PM	700 Fairway Drive	9032	9029	22433	1.75	10,500	Dry Branch Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/14/2019 1:00 PM	3/14/2019 5:00 PM	409 Strawberry Hill Road	10732	283104	15554	4	1,200	Ground / Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	3/14/2019 8:00 AM	3/14/2019 5:00 PM	5317 Hitch Peters Road	7480	7479	23717	9	27,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	3/14/2019 8:00 AM	3/14/2019 3:00 PM	2020 S Green River Road	10097	10103	25087	7	21,000	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	3/14/2019 7:30 AM	3/15/2019 4:30 AM	6601 E Oak Street	5840	5841	22948	21	63,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/14/2019 7:00 AM	3/14/2019 5:00 PM	2024 Allens Lane	4760	131690	13561	10	30,000	Locust Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/14/2019 7:00 AM	3/14/2019 9:00 AM	99 W Diamond Avenue	15683	15677	22438	2	48,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/14/2019 4:00 AM	3/14/2019 5:00 PM	711 W Mill Road	280751	3786	27329	13	39,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	3/14/2019 3:15 AM	3/14/2019 1:30 PM	900 S Tekoppel Avenue	11298	8420	23658	12.25	24,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	2/20/2019 6:15 PM	2/21/2019 3:15 PM	6007 Locust Drive	NA	NA	NA	21	12,600	Ground/Locust Creek	Equipment Failure	Defective section of private sewer	Contractor replaced section of private sewer	No	Yes	NA
W	SSS	2/20/2019 4:45 AM	2/20/2019 6:00 AM	4320 N First Avenue	283044	121061	15426	1.25	7,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	2/20/2019 3:15 AM	2/20/2019 6:45 AM	1187 Burch Drive	10918	10923	24226	3.5	39,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/20/2019 3:15 AM	2/20/2019 9:45 AM	5317 Hitch Peters Road	7480	7479	23717	6.5	19,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/20/2019 2:15 AM	2/20/2019 1:00 PM	6601 E Oak Street	5840	5841	22948	10.75	64,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	2/20/2019 12:30 AM	2/20/2019 6:45 AM	1475 E Diamond Avenue	12210	12209	14882	6.25	9,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	2/20/2019 12:15 AM	2/20/2019 9:45 AM	711 W Mill Road	280751	3786	27329	9.5	28,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/11/2019 9:00 AM	2/12/2019 7:30 AM	6601 E Oak Street	5840	5841	22948	22.5	67,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/11/2019 8:30 AM	2/12/2019 9:30 AM	1906 Oak Hill Road	5125	5124	22003	25	132,000	Pigeon Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	2/11/2019 8:30 AM	2/11/2019 5:00 PM	711 W Mill Road	280751	3786	27329	8.5	1,530	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	2/8/2019 8:45 AM	2/8/2019 12:30 PM	670 Schutte Road	126052	NA	12254	3.75	60	Ground	Equipment Failure	Air relief valve failed	Replaced valve	Yes	No	NA
W	SSS	2/8/2019 6:00 AM	2/8/2019 6:30 AM	1822 N Denby Avenue	282229	12014	28805	0.5	100	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	2/7/2019 1:30 PM	2/7/2018 7:00 PM	600 Drexel Drive	126200	280660	12994	5.5	16,500	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/7/2019 12:45 PM	2/8/2018 6:45 PM	6601 E Oak Street	5840	5841	22948	30	108,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	2/7/2019 12:30 PM	2/7/2018 1:30 PM	1475 E Diamond Avenue	12210	12209	14882	1	3,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/7/2019 12:30 PM	2/7/2018 8:00 PM	5317 Hitch Peters Road	7480	7479	23717	7.5	22,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	2/7/2019 12:30 PM	2/7/2018 4:00 PM	4320 N First Avenue	283044	121061	15426	3.5	21,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	2/7/2019 12:30 PM	2/7/2018 6:00 PM	711 W Mill Road	280751	3786	27329	5.5	33,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/7/2019 12:10 PM	2/7/2018 4:45 PM	2701 Saint George Road	7451	7450	8659	5	27,500	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	2/7/2019 11:45 AM	2/7/2018 4:00 PM	900 S Tekoppel Avenue	11298	8420	23658	4.25	26,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/6/2019 10:30 AM	2/6/2019 11:15 AM	3315 Margybeth Avenue	10197	10198	23932	0.75	675	Ground/Raccoon Ditch	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No	Yes
W	SSS	2/2/2019 4:30 PM	2/2/2019 5:00 PM	2618 Glenview Drive	4629	4630	24422	0.5	60	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	1/23/2019 8:45 AM	1/23/2019 1:30 PM	600 Drexel Drive	126200	280660	12994	4.75	14,250	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No

TABLE 3-1  
SSO and CSS Releases  
January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue		CCTV Completed
														EWSU System	Private Property	
E	SSS	1/14/2019 12:00 PM	1/15/2019 9:00 AM	3700 Eastbrooke Drive	7360	7359	8644	21	200	Ground	Construction Related	Fence installation damaged section of main sewer	Utility replaced section of main sewer	Yes	No	No
W	SSS	1/7/2019 8:00 AM	1/7/2019 2:30 PM	4016 W Maryland Street	11603	11445	23780	6.5	300	Ground	Utility main obstructed with rags	Sewer cleaned to remove rags	Sewer cleaned to remove rags	Yes	No	Yes
W	SSS	1/4/2019 1:10 PM	1/4/2019 2:00 PM	600 Drexel Drive	126200	280660	12994	0.83	2,500	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	12/31/2018 2:00 PM	12/31/2018 4:00 PM	5317 Hitch Peters Road	7480	7479	23717	2	6,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	12/31/2018 2:00 PM	12/31/2018 4:00 PM	711 W Mill Road	280751	3786	27329	2	12,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	12/31/2018 1:15 PM	12/31/2018 1:45 PM	99 W Diamond Avenue	15683	15677	22438	0.5	24,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	12/27/2018 3:30 PM	12/27/2018 4:30 PM	600 Drexel Drive	126200	280660	12994	1	3,000	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	12/19/2018 7:30 PM	12/19/2018 11:30 PM	7100 E Virginia Street	279510	279504	24724	4	25	Ground / Storm Sewer	Equipment Failure	Utility crossbore in sewer	Repaired section of damaged sewer	Yes	No	Yes
E	SSS	12/15/2018 9:00 AM	12/15/2018 11:30 PM	6601 E Oak Street	5840	5841	22948	15	87,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	12/15/2018 7:45 AM	12/15/2018 12:00 PM	600 Drexel Drive	126200	280660	12994	4.25	12,750	Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	12/15/2018 3:05 AM	12/15/2018 6:55 AM	1187 Burch Drive	10918	10923	24226	3.83	46,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	12/15/2018 2:55 AM	12/15/2018 6:45 AM	5317 Hitch Peters Road	7480	7479	23717	3.83	11,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	12/15/2018 2:30 AM	12/15/2018 6:30 AM	711 W Mill Road	280751	3786	27329	6	24,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	12/15/2018 1:00 AM	12/15/2018 2:00 AM	900 S Tekoppel Avenue	11298	8420	23658	1	12,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	11/1/2018 9:15 AM	11/1/2018 11:30 AM	6601 E Oak Street	5840	5841	22948	2	2,700	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	11/1/2018 9:15 AM	11/1/2018 11:30 AM	711 W Mill Road	280751	3786	27329	2.25	13,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	11/1/2018 7:45 AM	11/1/2018 8:30 AM	99 W Diamond Avenue	15683	15677	22438	0.75	36,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	11/1/2018 7:35 AM	11/1/2018 7:50 AM	900 S Tekoppel Avenue	11298	8420	23658	0.25	3,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	10/2/2018 11:30 AM	10/2/2018 2:30 PM	5434 Miami Circle	NA	NA	NA	3	540	Ground	Construction Related	Contractor damaged private force main sewer	Contractor repaired private force main sewer	No	Yes	NA
W	SSS	9/28/2018 9:45 AM	9/28/2018 1:45 PM	2803 Vermont Ct	9080	9079	24049	4	240	Ground	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No	Yes
W	SSS	9/25/2018 1:30 PM	9/25/2018 3:30 PM	1187 Burch Drive	10918	10923	24226	2	24,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	9/25/2018 1:30 PM	9/25/2018 3:30 PM	5317 Hitch Peters Road	7480	7479	23717	2	6,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	9/25/2018 1:30 PM	9/25/2018 4:00 PM	711 W Mill Road	280751	3786	27329	2.5	15,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	9/25/2018 1:00 PM	9/25/2018 2:00 PM	1475 E Diamond Avenue	12210	12209	14882	1	7,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	9/25/2018 1:00 PM	9/25/2018 2:00 PM	99 W Diamond Avenue	15683	15677	22438	1	48,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	9/25/2018 12:45 PM	9/25/2018 2:15 PM	900 S Tekoppel Avenue	11298	8420	23658	1.5	18,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	9/25/2018 12:15 PM	9/25/2018 2:15 PM	4211 Western Avenue	11572	11576	15638	2	6,000	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	9/8/2018 12:30 PM	9/8/2018 1:30 PM	1475 E Diamond Avenue	12210	12209	14882	1	4,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	9/8/2018 12:00 PM	9/8/2018 2:00 PM	711 W Mill Road	280751	3786	27329	2	12,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	9/8/2018 11:45 AM	9/8/2018 2:00 PM	99 W Diamond Avenue	15683	15677	22438	2.25	108,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	9/8/2018 11:30 AM	9/8/2018 1:00 PM	900 S Tekoppel Avenue	11298	8420	23658	1.5	18,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	8/21/2018 5:25 PM	8/21/2018 6:05 PM	3315 Margybeth Avenue	10197	10198	23932	0.67	800	Ground/Raccoon Ditch	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No	Yes
W	SSS	7/9/2018 8:15 AM	7/9/2018 1:45 PM	3800 Western Hills Avenue	11412	283991	27227	5.5	3,300	Ground/Carpenter Creek Tributary	Equipment Failure	Defective section of main sewer	Replaced section of main sewer	Yes	No	No
E	SSS	6/25/2018 10:30 AM	6/25/2018 8:30 PM	6601 E Oak Street	5840	5841	22948	10	12,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	6/24/2018 9:45 PM	6/24/2018 10:15 PM	900 S Tekoppel Avenue	11298	8420	23658	0.5	6,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	6/12/2018 2:15 AM	6/12/2018 4:15 AM	600 Drexel Drive	126200	280660	12994	2	6,000	Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	5/31/2018 12:15 PM	5/31/2018 1:00 PM	41 Oak Meadow	NA	NA	NA	0.75	225	Ground	Power Failure	Power failure at Station	Generator activated	Yes	No	NA
W	SSS	5/9/2018 4:00 PM	5/10/2018 9:00 AM	1407 Sandalwood Court	11362	11356	13791	17	500	Ground/Carpenter Creek Tributary	Equipment Failure	Defective section of main sewer	Replaced section of main sewer	Yes	No	No
W	CSS	4/3/2018 1:15 PM	4/7/2018 10:00 AM	717 S Barker Avenue	283553	8369	30079	44.75	2,800	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/2/2018 12:30 AM	4/2/2018 5:00 AM	6601 E Oak Street	5840	5841	22948	5	5,400	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	3/30/2018 2:15 PM	3/30/2018 6:30 PM	2727 N Evans Avenue	NA	NA	27041	4.25	748	Ground	Equipment Failure	Defective section of force main	Repaired section of force main	Yes	No	NA
E	SSS	3/29/2018 4:00 PM	3/30/2018 1:00 PM	6601 E Oak Street	5840	5841	22948	21	25,200	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	3/29/2018 1:20 PM	3/29/2018 1:30 PM	900 S Tekoppel Avenue	11298	8420	23658	0.17	1,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/28/2018 8:45 AM	3/29/2018 2:00 PM	2550 N Baker Avenue	15680	15679	22437	29.25	93,750	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/12/2018 9:00 AM	3/12/2018 2:30 PM	8600 University Boulevard	282153	NA	28722	5.5	6,600	Ground/Carpenter Creek Tributary	Equipment Failure	Defective section of private sewer	Contractor replaced section of private sewer	No	Yes	No
W	SSS	3/11/2018 4:15 PM	3/11/2018 5:30 PM	7601 Clarke Lane	11303	126074	15557	1.25	750	Ground/Carpenter Creek Tributary	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
E	SSS	2/26/2018 9:50 AM	2/26/2018 11:30 AM	1401 Southfield Road	10461	10463	7026	1.67	500	Ground / Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	CSS	2/24/2018 8:45 PM	2/24/2018 10:00 PM	1500 E Walnut Street	11927	11915	20332	1.25	7,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/24/2018 8:45 PM	2/24/2018 10:15 PM	1757 Jeanette Avenue	69704	10032	23290	1.5	9,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No

TABLE 3-1  
SSO and CSS Releases  
January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue		CCTV Completed
														EWSU System	Private Property	
E	CSS	2/24/2018 8:40 PM	2/24/2018 10:00 PM	1150 S Villa Drive	3689	282688	20021	1.33	16,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	2/24/2018 8:30 PM	2/24/2018 10:30 PM	2001 N Weinbach Avenue	5296	5302	22930	2	24,000	Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	2/24/2018 8:30 PM	2/24/2018 10:30 PM	4108 Western Avenue	11445	11571	15704	2	14,400	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/24/2018 8:30 PM	2/25/2018 2:00 AM	2020 S Green River Road	10097	10103	25087	5.5	13,500	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	2/24/2018 8:00 PM	2/25/2018 2:00 AM	802 S Barker Avenue	8368	8369	20640	6	72,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/24/2018 7:30 PM	2/25/2018 2:00 AM	5317 Hitch Peters Road	7480	7479	23717	6.5	19,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/24/2018 7:15 PM	2/24/2018 11:00 PM	2401 Cass Avenue	282990	282989	29577	4	11,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	2/24/2018 6:00 PM	2/24/2018 11:00 PM	1713 Richardt Avenue	280925	5287	19894	5	15,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	2/24/2018 6:00 PM	2/24/2018 11:00 PM	1475 E Diamond Avenue	12210	12209	14882	5	22,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	2/24/2018 5:00 PM	2/25/2018 3:00 PM	900 S Tekoppel Avenue	11298	8420	23658	22	132,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	2/24/2018 5:00 PM	2/25/2018 2:30 AM	711 W Mill Road	280751	3786	27329	9.5	28,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	2/24/2018 3:00 PM	2/24/2018 9:00 PM	3531 Kensington Avenue	4117	4114	23495	6	250	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	2/24/2018 3:00 PM	2/24/2018 9:00 PM	613 Greenleaf Drive	3757	96919	11415	6	300	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	2/24/2018 9:00 AM	2/24/2018 11:00 AM	11802 N Green River Road	15232	15233	9448	2	12,000	Ditch	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/23/2018 10:15 AM	2/23/2018 1:00 PM	2612 Kathleen Avenue	2912	2900	7665	2.58	500	Basement Floor	Hydraulically Maximized	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	2/23/2018 10:15 AM	2/23/2018 12:30 PM	2717 N Stockwell Road	73819	5667	15407	2.25	270	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/23/2018 10:15 AM	2/23/2018 1:00 PM	2622 Kathleen Avenue	2912	2900	7665	2.75	500	Basement Floor	Hydraulically Maximized	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	2/22/2018 3:45 PM	2/22/2018 7:00 PM	4516 Grace Court	7398	7396	8372	3.25	10	Basement Floor	Hydraulically Maximized	Debris	Sewer cleaned to remove debris	Yes	No	Yes
E	SSS	2/22/2018 11:00 AM	2/24/2018 7:00 PM	6400 E Oak Street	5869	5889	7375	56	600	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/22/2018 8:00 AM	2/26/2018 10:00 PM	6617 E Oak Street	7253	5839	14394	102	70,875	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/22/2018 8:00 AM	2/26/2018 10:00 PM	6601 E Oak Street	5840	5841	22948	102	141,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	2/3/2018 9:45 AM	2/3/2018 10:30 AM	1214 N Ruston Avenue	2085	2063	24472	1.25	135	Street	Hydraulically Maximized	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	1/24/2018 7:25 PM	1/24/2018 9:45 PM	811 Hartford Court	10655	9314	22413	2.33	5	Basement Floor	Hydraulically Maximized	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	1/22/2018 1:20 PM	1/22/2018 2:00 PM	726 Hanover Road	9253	9229	15455	0.67	200	Basement Floor/Wolf	Hydraulically Maximized	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	1/22/2018 10:00 AM	1/22/2018 11:30 AM	612 Drexel Drive	126178	126177	12989	1.5	2,325	Creek Tributary	Hydraulically Maximized	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	1/21/2018 11:30 AM	1/21/2018 1:30 AM	5725 N First Avenue	9268	9379	11985	2	2,400	Ground/Storm Sewer	Hydraulically Maximized	Commercial grease waste	Sewer cleaned to remove grease	Yes	No	Yes
E	SSS	1/8/2018 8:30 AM	1/8/2018 9:15 AM	6600 Greencove Avenue	NA	2738	7735	0.75	10	Ground	Hydraulically Maximized	Root infiltration	Replaced section of main sewer	Yes	No	Yes
E	CSS	12/23/2017 9:00 AM	12/23/2017 1:00 PM	854 Covert Avenue	2527	2528	18406	4	500	Ground	Hydraulically Maximized	Commercial grease waste	Sewer cleaned to remove grease	Yes	No	Yes
W	SSS	12/23/2017 1:30 AM	12/23/2017 6:00 AM	600 Drexel Drive	126200	280660	12994	4.5	13,500	Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	11/11/2017 11:00 AM	11/11/2017 11:00 AM	5300 Pollack Avenue	281843	3108	28389	1.5	500	Ground	Hydraulically Maximized	Residential grease waste	Sewer cleaned to remove grease	Yes	No	No
W	SSS	8/6/2017 9:00 PM	8/6/2017 9:30 PM	2424 Schutte Road	15002	15001	15575	0.50	3,000	Ground/Bayou Creek Tributary	Power Failure	Power failure at station	Generator activated	Yes	No	NA
W	SSS	7/25/2017 2:25 PM	7/25/2017 5:00 PM	1201 W Buena Vista Rd	3746	3745	11517	2.58	3,875	Ground/Dry Branch Creek	Hydraulically Maximized	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	7/23/2017 7:00 AM	7/23/2017 8:45 AM	1187 Burch Drive	10918	10923	24226	1.75	21,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	7/23/2017 7:00 AM	7/23/2017 8:15 AM	5317 Hitch Peters Road	7480	7479	23717	1.25	7,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	7/23/2017 6:45 AM	7/23/2017 7:30 AM	900 S Tekoppel Avenue	11298	8420	23658	0.75	18,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	7/23/2017 6:45 AM	7/23/2017 8:00 AM	5801 Berry Lane	9324	10629	10058	1.25	5	Ground	Hydraulically Maximized	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	6/23/2017 11:00 AM	6/23/2017 2:00 PM	7107 Locust Tree Lane	126053	LS	12250	3	360	Ground/Bayou Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	5/11/2017 11:40 AM	5/11/2017 12:00 PM	2207 S Ruston Avenue	NA	2911	7671	0.33	20	Ground	Hydraulically Maximized	Debris	Sewer cleaned to remove debris	Yes	No	Yes
E	SSS	5/5/2017 10:00 AM	5/5/2017 11:30 AM	2020 S Green River Road	10097	10103	25087	1.5	2,250	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	5/5/2017 10:00 AM	5/5/2017 2:00 PM	2401 Cass Avenue	282990	282989	29577	4	12,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	5/5/2017 9:00 AM	5/5/2017 10:30 AM	2701 N Stockwell Road	73819	5667	15407	1.5	9,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	5/5/2017 8:00 AM	5/5/2017 1:00 PM	1187 Burch Drive	10918	10923	24226	5	30,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	5/5/2017 8:00 AM	5/5/2017 1:00 PM	5317 Hitch Peters Road	7480	7479	23717	5	15,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	5/5/2017 7:30 AM	5/5/2017 9:30 AM	600 Drexel Drive	126200	280660	12994	2	6,000	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	5/5/2017 7:30 AM	5/6/2017 12:30 AM	6601 E Oak Street	5840	5841	22948	17	51,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	5/5/2017 7:00 AM	5/5/2017 10:30 AM	1475 E Diamond Avenue	12210	12209	14882	3.5	15,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/29/2017 9:45 AM	4/29/2017 12:45 PM	2701 Saint George Road	7451	7450	8659	3	18,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/29/2017 9:45 AM	4/29/2017 12:45 PM	2808 Longacre Drive	7331	281808	28347	3	9,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/29/2017 9:00 AM	4/30/2017 10:00 PM	6601 E Oak Street	5840	5841	22948	37	54,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/29/2017 3:00 AM	4/29/2017 8:00 AM	2701 N Stockwell Road	73819	5667	15407	5	30,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/29/2017 2:00 AM	4/29/2017 3:00 PM	5317 Hitch Peters Road	7480	7479	23717	13	39,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/29/2017 2:00 AM	4/29/2017 6:00 PM	1187 Burch Drive	10918	10923	24226	16	96,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/29/2017 1:30 AM	4/29/2017 11:00 AM	8440 Wolf Creek Drive	280844	14951	26416	9.5	29,250	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No

TABLE 3-1  
SSO and CSS Releases  
January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue		CCTV Completed
														EWSU System	Private Property	
W	SSS	4/29/2017 1:30 AM	4/29/2017 1:00 PM	600 Drexel Drive	126200	280660	12994	11.5	51,750	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/29/2017 1:00 AM	4/29/2017 5:00 AM	4211 Western Avenue	11572	11576	15638	4	24,000	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	4/29/2017 12:45 AM	4/29/2017 9:30 AM	900 S Tekoppel Avenue	11298	8420	23658	8.75	57,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/29/2017 12:30 AM	4/29/2017 1:30 PM	711 W Mill Road	280751	3786	27329	13	25,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	4/29/2017 12:30 AM	4/29/2017 12:00 PM	1475 E Diamond Avenue	12210	12209	14882	11.5	21,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/16/2017 6:45 PM	4/16/2017 8:45 PM	1641 S Taft Avenue	283021	3364	29606	2	9,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/16/2017 5:00 PM	4/16/2017 9:00 PM	2401 Cass Avenue	282990	282989	29577	4	18,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/16/2017 4:45 PM	4/16/2017 7:45 PM	2020 S Green River Road	10097	10103	25087	3	9,000	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	4/16/2017 4:15 PM	4/16/2017 5:15 PM	600 S Barker Avenue	8406	283165	23743	1	12,000	Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/9/2017 11:30 AM	4/9/2017 2:00 PM	5908 Shelbourne Road	10642	11307	10067	2.5	250	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	3/29/2017 3:15 PM	3/29/2017 5:15 PM	6602 Pinhurst Avenue	NA	11014	29348	2	50	Ground	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
W	SSS	3/27/2017 9:15 AM	3/27/2017 10:15 AM	1111 Schutte Road	15029	129929	15569	1	200	Ground/Carpenter Creek Tributary	Equipment Failure	Defective section of main sewer	Replaced section of main sewer	Yes	No	Yes
W	SSS	3/21/2017 8:30 AM	3/21/2017 11:30 AM	1120 N Barker Avenue	283468	8226	6493	3	3,600	Ground/Pigeon Creek Tributary	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	3/7/2017 2:00 PM	3/7/2017 9:00 PM	2755 Wayside Drive	7291	7290	22745	7	21,000	Ground/Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/7/2017 9:00 AM	3/7/2017 1:00 PM	4108 Western Avenue	11445	11571	15704	4	12,000	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	2/24/2017 7:45 AM	2/24/2017 1:30 PM	3101 Mount Vernon Avenue	8905	8907	21815	5.75	50	Street	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
W	SSS	2/22/2017 9:45 AM	2/22/2017 12:00 PM	3919 W Maryland Street	128006	128007	23787	2.25	200	Ground/Carpenter Creek Tributary	Equipment Failure	Defective section of main sewer	Replaced section of main sewer	Yes	No	Yes
W	SSS	2/21/2017 11:30 AM	2/21/2017 12:45 PM	9310 Hedgewood Court	NA	NA	10412	1.25	2,000	Ground	Equipment Failure	Air relief valve failed	Replaced valve	Yes	No	NA
E	SSS	2/16/2017 8:00 AM	2/16/2017 8:45 AM	7514 Washington Avenue	3173	3172	23307	0.75	20	Ground	Roots	Root infiltration	Replaced section of main sewer	Yes	No	Yes
E	SSS	2/1/2017 11:45 AM	2/2/2017 3:30 PM	611 Sweetser Avenue	NA	NA	NA	27.75	830	Ground / Storm Sewer	Equipment Failure	Defective section of private sewer	Contact or replaced section of private sewer	No	Yes	NA
W	SSS	1/14/2017 11:45 AM	1/14/2017 2:00 PM	1000 Beale Street	11576	281888	13709	2.25	27,000	Ground/Carpenter Creek Tributary	Equipment	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	11/28/2016 8:45 AM	11/28/2016 10:15 AM	5321 Chadwick Road	9528	9523	11684	1.5	65	Ground / Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	11/8/2016 12:15 AM	11/8/2016 4:30 AM	1618 Lynch Road	280687	280688	26175	4.25	51,000	Ground/Little Pigeon Creek Tributary	Equipment Failure	Broken water main damaged sewer	Replaced section of main sewer	Yes	No	Yes
W	SSS	9/12/2016 8:00 AM	9/12/2016 9:30 PM	360 S Rosenberger Avenue	283138	283137	29726	1.5	900	Ground/Storm Ditch	Grease	Residential grease waste in private sewer	Sewer cleaned to remove grease	No	Yes	NA
E	SSS	9/8/2016 9:00 AM	9/8/2016 10:00 AM	1900 Pueblo Pass	NA	NA	NA	1	300	Ground	Grease	Pump failure at Private lift station	Restored pump operation	No	Yes	NA
E	CSS	8/10/2016 11:15 AM	8/10/2016 12:00 PM	1475 E Diamond Avenue	12210	12209	14882	0.75	3,375	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	8/4/2016 1:30 PM	8/4/2016 10:30 AM	7801 Bussing Road	NA	NA	24714	21	250	Ground	Equipment Failure	Air Relief valve failed	Replaced valve	Yes	No	NA
E	SSS	8/3/2016 4:30 PM	8/3/2016 6:30 PM	Pollack Avenue & Lynn Road	280521	14109	25200	2	600	Ground/Eagle Creek	Grease	Residential grease waste in private sewer	Sewer cleaned to remove grease	No	Yes	NA
E	CSS	7/27/2016 6:30 PM	7/27/2016 7:00 PM	1475 E Diamond Avenue	12210	12209	14882	0.5	2,250	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	7/4/2016 9:30 AM	7/4/2016 3:00 PM	1019 Saint George Road	9786	9785	13111	5.5	16,500	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	7/4/2016 9:30 AM	7/4/2016 3:00 PM	1187 Burch Drive	10918	10923	24226	5.5	33,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	7/4/2016 9:30 AM	7/4/2016 3:00 PM	5317 Hitch Peters Road	7480	7479	23717	5.5	16,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	7/4/2016 9:15 AM	7/4/2016 3:00 PM	6601 E Oak Street	5840	5841	22948	6	17,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	7/4/2016 9:00 AM	7/4/2016 12:15 PM	2020 S Green River Road	10097	10103	25087	3.25	9,750	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	7/4/2016 9:00 AM	7/4/2016 10:30 AM	711 W Mill Road	280751	3786	27329	1.5	4,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	7/3/2016 8:00 PM	7/4/2016 11:30 AM	1713 Richard Avenue	280925	5287	19894	15.5	18,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	7/3/2016 8:00 PM	7/4/2016 11:30 AM	1475 E Diamond Avenue	12210	12209	14882	15.5	12,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	7/3/2016 7:30 PM	7/4/2016 11:00 AM	4108 Western Avenue	11445	11571	15704	15.5	27,000	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	7/3/2016 7:30 PM	7/3/2016 8:00 PM	600 S Barker Avenue	8406	283165	23743	0.5	6,000	Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	6/28/2016 3:15 PM	6/28/2016 4:15 PM	3815 E Mulberry Street	6620	6621	14840	1	300	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Manhole had evidence of prior release from rain event but was not releasing when crew arrived	Yes	No	No
W	SSS	6/26/2016 11:00 PM	6/27/2016 2:00 AM	1187 Burch Drive	10918	10923	24226	3	18,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	6/26/2016 10:30 PM	6/27/2016 1:00 AM	5317 Hitch Peters Road	7480	7479	23717	2.5	11,250	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	6/26/2016 10:30 PM	6/26/2016 11:45 PM	1475 E Diamond Avenue	12210	12209	14882	1.25	3,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	6/9/2016 12:30 PM	6/9/2016 1:30 PM	360 S Rosenberger Avenue	283138	283137	29726	1	1,500	Ground/Storm Ditch	Grease	Residential grease waste in private sewer	Sewer cleaned to remove grease	No	Yes	NA
E	CSS	5/24/2016 1:45 PM	5/24/2016 4:45 PM	431 Main Street	7999	283100	17541	3	100	Basement Floor	Equipment Failure	Defective section of main sewer	Replaced section of main sewer	Yes	No	Yes
W	SSS	5/12/2016 3:00 AM	5/12/2016 4:10 AM	600 Drexel Drive	126200	280660	12994	1.16	7,000	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	5/12/2016 2:30 AM	5/12/2016 6:00 AM	1187 Burch Drive	10918	10923	24226	3.5	21,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	5/12/2016 2:30 AM	5/12/2016 6:00 AM	1475 E Diamond Avenue	12210	12209	14882	3.5	10,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	5/12/2016 2:30 AM	5/12/2016 6:00 AM	5317 Hitch Peters Road	7480	7479	23717	3.5	15,750	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	5/12/2016 2:00 AM	5/12/2016 6:00 AM	4108 Western Avenue	11445	11571	15704	4	12,000	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	5/12/2016 1:30 AM	5/12/2016 2:50 AM	900 S Tekoppel Avenue	11298	8420	23658	1.33	32,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No

TABLE 3-1  
SSO and CSS Releases  
January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue		CCTV Completed
														EWSU System	Private Property	
E	SSS	5/9/2016 6:10 PM	5/9/2016 7:55 PM	1251 Pollack Avenue	50147	50148	12611	1.75	210	Ground/Eagle Creek Tributary	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
W	SSS	5/8/2016 1:35 PM	5/8/2016 3:00 PM	6412 N First Avenue	10234	10705	10758	1.42	225	Ground/Storm Sewer	Grease	Commercial grease waste	Sewer cleaned to remove grease	Yes	No	Yes
W	SSS	4/27/2016 8:45 PM	4/27/2016 10:30 PM	4211 Western Avenue	11572	11576	15638	1.75	2,100	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/27/2016 7:30 PM	4/27/2016 10:30 PM	5317 Hitch Peters Road	7480	7479	23717	3	13,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	4/27/2016 7:30 PM	4/27/2016 10:30 PM	1475 E Diamond Avenue	12210	12209	14882	3	9,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/27/2016 7:30 PM	4/27/2016 1:30 AM	6601 E Oak Street	5840	5841	22948	6	36,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/27/2016 7:00 PM	4/27/2016 9:30 PM	2020 S Green River Road	10097	10103	25087	2.5	3,750	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/9/2016 12:20 PM	4/9/2016 2:00 PM	212 S Bosse Avenue	11264	11263	13399	1.67	2,000	Ground/Carpenter Creek Tributary	Grease	Commercial grease waste	Sewer cleaned to remove grease	Yes	No	Yes
E	SSS	3/31/2016 12:30 PM	3/31/2016 1:30 PM	3121 E Riverside Drive	2595	2596	24027	1	12,000	Ground / Storm Sewer	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
W	SSS	3/21/2016 3:15 PM	3/21/2016 4:15 PM	2709 N Second Avenue	282907	9073	29495	1	180	Storm Sewer	Equipment Failure	Defective section of main sewer	Replaced section of main sewer	Yes	No	Yes
W	SSS	3/11/2016 12:30 PM	3/11/2016 1:45 PM	3900 Claremont Avenue	11194	11247	13446	1.25	375	Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	3/10/2016 5:00 PM	3/10/2016 9:00 PM	7616 Bellemeade Avenue	7138	7105	23303	4	4,800	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	3/10/2016 4:30 PM	3/11/2016 7:00 PM	2808 Longacre Drive	7331	281808	28347	27	31,800	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	3/10/2016 3:15 PM	3/10/2016 6:00 PM	1475 E Diamond Avenue	12210	12209	14882	2.75	8,250	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	3/10/2016 1:30 PM	3/10/2016 8:00 PM	6601 E Oak Street	5840	5841	22948	7	83,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/10/2016 1:00 PM	3/10/2016 7:00 PM	4211 Western Avenue	11572	11576	15638	6	7,200	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/10/2016 2:00 PM	2/10/2016 3:00 PM	4400 Vogel Road	81287	281326	8027	1	100	Ground / Storm Sewer	Grease	Commercial grease waste	Sewer cleaned to remove grease	Yes	No	Yes
E	SSS	2/2/2016 7:45 PM	2/2/2016 11:00 AM	2401 Cass Avenue	282990	282989	29577	3	9,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/2/2016 7:45 PM	2/3/2016 1:30 AM	6601 E Oak Street	5840	5841	22948	6	34,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/2/2016 7:30 PM	2/2/2016 11:30 PM	2020 S Green River Road	10097	10103	25087	4	12,000	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/2/2016 7:30 PM	2/2/2016 11:00 PM	2333 Bergdorf Road	7381	7380	14990	3.5	10,500	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	2/2/2016 7:30 PM	2/2/2016 11:00 PM	5317 Hitch Peters Road	7480	7479	23717	3.5	15,750	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	2/2/2016 7:30 PM	2/2/2016 10:30 PM	711 W Mill Road	280751	3786	27329	3	13,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	2/2/2016 7:15 PM	2/2/2016 10:30 PM	4108 Western Avenue	11445	11571	15704	3.25	9,750	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	2/2/2016 7:15 PM	2/2/2016 7:30 PM	2001 N Weinbach Avenue	5296	5302	22930	0.25	3,000	Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	2/2/2016 7:00 PM	2/2/2016 10:00 PM	1475 E Diamond Avenue	12210	12209	14882	3	9,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	2/2/2016 6:45 PM	2/2/2016 8:15 PM	900 S Tekoppel Avenue	11298	8420	23658	1.5	36,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	1/10/2016 6:35 AM	1/10/2016 7:10 AM	7107 Locust Tree Lane	126053	LS	12250	0.58	105	Ground	Equipment Failure	Pump failure at Locust Tree Lane lift station	Restored pump operation	Yes	No	NA
E	SSS	12/28/2015 4:00 PM	12/29/2015 2:00 AM	6605 Lincoln Avenue	5835	281858	7370	10	30,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	12/28/2015 2:00 PM	12/28/2015 4:00 PM	5317 Hitch Peters Road	7480	7479	23717	2	3,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	12/28/2015 1:30 PM	12/28/2015 4:00 PM	1475 E Diamond Avenue	12210	12209	14882	2.5	3,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	12/28/2015 1:30 PM	12/28/2015 4:00 PM	711 W Mill Road	280751	3786	27329	2.5	3,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	12/28/2015 11:00 AM	12/29/2015 2:00 AM	6617 E Oak Street	7253	5839	14304	15	90,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	12/28/2015 11:00 AM	12/29/2015 2:00 AM	6601 E Oak Street	5840	5841	22948	15	90,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	12/27/2015 3:00 PM	12/27/2015 11:00 PM	6617 E Oak Street	7253	5839	14394	8	48,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	12/27/2015 3:00 PM	12/27/2015 11:00 PM	6601 E Oak Street	5840	5841	22948	8	48,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	12/27/2015 9:00 AM	12/27/2015 12:00 PM	4211 Western Avenue	11572	11576	15638	3	3,600	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	12/26/2015 7:45 AM	12/26/2015 9:00 AM	300 S Royal Avenue	6013	6016	23532	1.25	150	Ground / Storm Sewer	Roots	Root infiltration	Replaced section of main sewer	Yes	No	Yes
W	SSS	12/23/2015 4:45 PM	12/23/2015 6:00 PM	711 W Mill Road	280751	3786	27329	2	3,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	12/23/2015 2:05 PM	12/23/2015 6:00 PM	4108 Western Avenue	11445	11571	15704	3.2	7,050	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	12/23/2015 2:05 PM	12/23/2015 6:00 PM	4211 Western Avenue	11572	11576	15638	3.92	4,700	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	12/23/2015 2:00 PM	12/23/2015 3:00 PM	2524 N Baker Avenue	15679	15678	22436	1	12,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	11/18/2015 5:00 AM	11/18/2015 9:00 AM	9 W Missouri Street	7703	4924	5189	4	300	Basement Floor	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
E	SSS	11/17/2015 9:40 AM	11/17/2015 11:00 AM	2210 Venetian Drive	11073	11077	8097	1.33	250	Basement Floor	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	11/17/2015 9:00 AM	11/17/2015 11:00 AM	711 W Mill Road	280751	3786	27329	2	6,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	11/17/2015 8:35 AM	11/17/2015 10:30 AM	4108 Western Avenue	11445	11571	15704	1.92	5,750	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	11/17/2015 8:30 AM	11/17/2015 10:30 AM	4211 Western Avenue	11572	11576	15638	2	6,000	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	11/17/2015 8:00 AM	11/17/2015 9:00 AM	2524 N Baker Avenue	15679	15678	22436	1	12,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	11/17/2015 7:45 AM	11/17/2015 9:00 AM	2550 N Baker Avenue	15680	15679	22437	1.25	18,750	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	11/9/2015 4:30 PM	11/9/2015 5:45 PM	5341 Chadwick Road	9526	9527	11686	1.25	20	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes

TABLE 3-1  
SSO and CSS Releases  
January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue		CCTV Completed
														EWSU System	Private Property	
W	SSS	11/6/2015 12:15 AM	11/6/2015 2:30 AM	2550 N Baker Avenue	15680	15679	22437	2.25	33,750	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	11/3/2015 8:00 AM	11/3/2015 9:45 AM	6300 N First Avenue	10705	10706	10761	1.75	500	Basement Floor	Grease	Commercial grease waste	Sewer cleaned to remove grease	Yes	No	Yes
E	SSS	10/21/2015 8:00 AM	10/21/2015 8:30 AM	206 S Royal Avenue	6016	6020	23533	0.5	10	Ground	Roots	Root infiltration	Replaced section of main sewer	Yes	No	Yes
W	SSS	8/8/2015 5:45 PM	8/8/2015 10:00 PM	2807 N Red Bank Road	281922	281920	28509	4.25	2,400	Basement Floor	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	8/6/2015 2:55 AM	8/6/2015 5:00 AM	600 Drexel Drive	126200	280660	12994	2.08	6,250	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	7/25/2015 4:45 PM	7/25/2015 5:45 PM	220 Eagle Crest Drive	14093	14092	7195	1	360	Ground	Equipment Failure	Defective lateral connection	Replaced section of lateral	Yes	No	Yes
E	SSS	7/10/2015 8:30 AM	7/10/2015 8:00 PM	6617 E Oak Street	7253	5839	14394	11.5	34,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	7/10/2015 8:30 AM	7/10/2015 7:00 PM	6601 E Oak Street	5840	5841	22948	10.5	31,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	7/10/2015 8:30 AM	7/10/2015 8:50 AM	726 Hanover Road	9253	9229	15455	0.33	1,000	Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	7/10/2015 8:25 AM	7/10/2015 8:30 AM	7301 Lincoln Avenue	7209	7210	15116	0.08	250	Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Pumps adjusted to meet discharge capacity	Yes	No	No
E	SSS	7/8/2015 9:30 AM	7/8/2015 11:00 AM	106 Harrison Boulevard	6296	6293	21909	1.5	100	Ground/Harper Ditch	Equipment Failure	Defective section of main sewer	Utility to replace section of sewer	Yes	No	Yes
E	SSS	7/7/2015 5:15 PM	7/7/2015 6:00 PM	313 Polster Drive	6318	6317	6725	0.75	50	Ground	Equipment Failure	Defective section of main sewer	Utility to replace section of sewer	Yes	No	Yes
E	SSS	7/7/2015 3:30 PM	7/7/2015 10:00 PM	6617 E Oak Street	7253	5839	14394	6.5	39,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	7/7/2015 3:30 PM	7/7/2015 10:00 PM	6601 E Oak Street	5840	5841	22948	6.5	39,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	7/7/2015 3:30 PM	7/7/2015 4:30 PM	4211 Western Avenue	11572	11576	15638	1	3,000	Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	7/7/2015 3:30 PM	7/7/2015 4:30 PM	1475 E Diamond Avenue	12210	12209	14882	1	3,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	7/3/2015 7:00 PM	7/4/2015 12:00 PM	3204 Martin Avenue	8920	8921	20692	17	1,020	Ground/Carpenter Creek Tributary	Roots	Root infiltration	Replaced section of main sewer	Yes	No	Yes
W	SSS	6/27/2015 5:00 AM	6/27/2015 5:15 AM	17450 Highway 41 N	37530	LS	15307	0.25	300	Ground	Equipment Failure	Pump failure at PPG lift station	Restored pump operation	Yes	No	NA
W	SSS	6/22/2015 9:00 AM	6/22/2015 10:30 AM	1019 Saint George Road	9786	9785	13111	1.5	100	Ground	Hydraulically Maximized	Manhole had evidence of release from rain event	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	6/20/2015 8:30 AM	6/20/2015 9:30 AM	11802 N Green River Road	15232	15233	9448	1	3,000	Ground/Schlenker Ditch	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	6/20/2015 12:30 AM	6/20/2015 8:00 AM	1187 Burch Drive	10918	10923	24226	7.5	45,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	6/20/2015 12:30 AM	6/20/2015 5:30 AM	2333 Bergdolt Road	7381	7380	14990	5	15,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	6/20/2015 12:30 AM	6/20/2015 8:00 AM	5317 Hitch Peters Road	7480	7479	23717	7.5	22,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	6/20/2015 12:30 AM	6/20/2015 2:00 AM	2701 N Stockwell Road	73819	5667	15407	1.5	9,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	6/20/2015 12:30 AM	6/20/2015 2:00 AM	41 Oak Meadow	NA	NA	NA	1.5	900	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	6/20/2015 12:00 AM	6/20/2015 4:00 PM	6617 E Oak Street	7253	5839	14394	16	96,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	6/20/2015 12:00 AM	6/20/2015 4:00 PM	6601 E Oak Street	5840	5841	22948	16	96,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	6/20/2015 12:00 AM	6/20/2015 5:00 AM	1757 Jeanette Avenue	69704	10032	23290	5	30,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	6/20/2015 12:00 AM	6/20/2015 6:30 AM	2020 S Green River Road	10097	10103	25087	6.5	19,500	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	6/19/2015 11:45 PM	6/20/2015 5:00 AM	600 Drexel Drive	126200	280660	12994	5.25	15,750	Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	6/19/2015 11:30 PM	6/20/2015 5:30 AM	711 W Mill Road	280751	3786	27329	6	36,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	6/19/2015 11:00 PM	6/20/2015 5:00 AM	1713 Richardt Avenue	280925	5287	19894	6	3,600	Ground	Maximized	Collection System hydraulically Maximized	returned to normal capacity	Yes	No	No
W	SSS	6/19/2015 10:30 PM	6/20/2015 5:30 AM	4211 Western Avenue	11572	11576	15638	7	21,000	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	6/19/2015 10:30 PM	6/20/2015 5:00 AM	1475 E Diamond Avenue	12210	12209	14882	6.5	19,500	Ground/Storm Sewer	Maximized	Collection System hydraulically Maximized	returned to normal capacity	Yes	No	No
W	SSS	6/7/2015 6:00 PM	6/7/2015 7:45 PM	5009 Shady Court	11304	11305	22911	1.75	400	Basement Floor	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	6/3/2015 7:10 PM	6/3/2015 8:00 PM	316 Sheridan Road	4049	3539	24137	0.83	30	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	6/2/2015 2:15 PM	6/2/2015 3:00 PM	5510 Tulane Road	281033	9540	26715	0.75	100	Ground	Equipment Failure	Damaged section of sewer	Utility replaced section of main sewer	Yes	No	Yes
E	SSS	6/1/2015 1:15 PM	6/1/2015 2:00 PM	4820 Tecumseh Lane	6263	6262	21686	0.75	90	Ground	Equipment Failure	Defective section of main sewer	Utility to repair section of sewer	Yes	No	Yes
W	SSS	5/28/2015 10:45 AM	5/28/2015 3:30 PM	6815 Broadway Avenue	NA	NA	12780	4.75	42,750	Ground/Bayou Creek Tributary	Construction Related	Soil boring contractor damaged 12" force main sewer	Private contractor replaced section of damaged force main	Yes	No	NA
W	SSS	5/19/2015 2:30 PM	5/19/2015 3:30 PM	5637 Forest Avenue	14354	14350	13982	1	600	Garage Floor Drain / Private Lake	Grease	Commercial grease waste	Sewer cleaned to remove grease	Yes	No	Yes
E	SSS	5/3/2015 6:00 PM	5/3/2015 7:30 PM	5010 Davis Lant Drive	281501	170778	27199	1.5	10	Ground	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
W	SSS	4/21/2015 8:00 AM	4/21/2015 5:30 PM	8501 N Green River Road	12746	15465	8506	9.5	300	Basement Floor / Firlick Creek Tributary	Construction Related	Road Paving contractor damaged main sewer	Private contractor replaced section of damaged main sewer	Yes	No	NA
W	SSS	4/19/2015 10:30 AM	4/19/2015 8:30 PM	711 W Mill Road	280751	3786	27329	10	12,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/17/2015 12:15 PM	4/17/2015 1:15 PM	1900 Pueblo Pass	NA	NA	NA	1	300	Ground	Grease	Residential grease waste on private lift station floats	Grease removed by private maintenance crew	No	Yes	NA
E	SSS	4/17/2015 7:45 PM	4/17/2015 9:15 AM	420 Fuquay Road	7161	7160	24273	1.5	10	Ground	Equipment Failure	Defective section of main sewer	Utility to repair section of sewer	Yes	No	Yes
W	SSS	4/10/2015 11:30 AM	4/10/2015 3:00 PM	8200 Heather Place	127197	127187	12287	3.5	420	Ground/Little Pigeon Creek Tributary	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	4/10/2015 12:45 AM	4/10/2015 2:00 AM	711 W Mill Road	280751	3786	27329	1.25	7,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/6/2015 8:15 PM	4/6/2015 8:45 PM	6401 Broadway Avenue	132907	282777	29367	0.5	8,000	Basement Floor / Bayou Creek Tributary	Equipment Failure	Increased flow conditions overloaded bypass pump	Bypass pump speed increased	Yes	No	NA
E	SSS	4/3/2015 2:00 PM	4/3/2015 3:15 PM	6223 Twickingham Drive	11087	NA	8104	1.25	150	Ground/Little Pigeon Creek Tributary	Equipment Failure	Tangled pump float cords at Twickingham lift station	Crew untangled pump float cords	Yes	No	NA
E	SSS	4/3/2015 4:30 AM	4/4/2015 1:45 AM	6617 E Oak Street	7253	5839	14394	21.3	109,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/3/2015 4:30 AM	4/4/2015 2:00 AM	6601 E Oak Street	5840	5841	22948	21.5	111,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No

TABLE 3-1  
SSO and CSS Releases  
January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue		CCTV Completed
														EWSU System	Private Property	
E	SSS	4/3/2015 3:45 AM	4/3/2015 3:00 PM	5317 Hitch Peters Road	7480	7479	23717	11.25	23,250	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/3/2015 3:30 AM	4/3/2015 3:00 PM	4211 Western Avenue	11572	11576	15638	11.5	31,500	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/3/2015 3:15 AM	4/3/2015 4:00 PM	711 Mill Road	280751	3786	27329	12.75	83,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	4/3/2015 3:00 AM	4/3/2015 3:30 PM	1475 E Diamond Avenue	12210	12209	14882	12.5	28,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/1/2015 3:10 PM	4/1/2015 3:50 PM	829 Harmon Court	9823	9658	21671	0.67	60	Ground/Private Lake	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	CSS	3/27/2015 5:40 PM	3/27/2015 6:00 PM	2418 Joan Place	12417	12405	14592	0.33	100	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	3/26/2015 7:00 AM	3/26/2015 8:45 AM	4900 Stratford Road	9203	9200	11724	1.75	1,050	Storm Sewer	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
W	SSS	3/20/2015 12:45 PM	3/20/2015 2:00 PM	119 LaDonna Boulevard	90206	90199	13299	1.25	150	Ground	Equipment Failure	Defective lateral connection to main sewer	Utility to repair lateral connection	Yes	No	Yes
E	SSS	3/16/2015 12:30 PM	3/16/2015 1:30 PM	2721 Wayside Drive	7300	7295	22527	1	50	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	3/14/2015 4:15 AM	3/14/2015 9:30 AM	7301 Lincoln Avenue	7209	7210	15116	5.25	15,750	Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	3/13/2015 1:30 PM	3/15/2015 1:00 AM	6617 E Oak Street	7253	5839	14394	35.5	213,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	3/13/2015 1:15 PM	3/15/2015 1:00 AM	6601 E Oak Street	5840	5841	22948	35.8	214,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	3/13/2015 11:00 AM	3/14/2015 6:00 AM	5317 Hitch Peters Road	7480	7479	23717	19	22,800	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/13/2015 11:00 AM	3/14/2015 6:00 AM	1187 Burch Drive	10918	10923	24226	19	85,500	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	3/13/2015 11:00 AM	3/13/2015 7:30 PM	1475 E Diamond Avenue	12210	12209	14882	8.5	25,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/13/2015 10:30 AM	3/14/2015 8:30 AM	711 Mill Road	280751	3786	27329	22	132,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/13/2015 10:00 AM	3/14/2015 7:00 AM	4211 Western Avenue	11572	11576	15638	21	63,000	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/10/2015 1:00 PM	3/10/2015 5:30 PM	1187 Burch Drive	10918	10923	24226	4.5	27,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	3/10/2015 12:00 PM	3/10/2015 11:00 PM	6617 E Oak Street	7253	5839	14394	11	66,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	3/10/2015 12:00 PM	3/10/2015 11:00 PM	6601 E Oak Street	5840	5841	22948	11	66,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/10/2015 12:00 PM	3/10/2015 5:15 PM	711 Mill Road	280751	3786	27329	5.25	31,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/10/2015 12:00 PM	3/10/2015 2:00 PM	4211 Western Avenue	11572	11576	15638	2	6,000	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	3/10/2015 12:00 PM	3/10/2015 1:00 PM	1713 Richardt Avenue	280925	5287	19894	1	600	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	3/10/2015 11:30 AM	3/10/2015 3:30 PM	1475 E Diamond Avenue	12210	12209	14882	4	12,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	3/6/2015 7:40 AM	3/6/2015 11:30 AM	324 Euclid Drive	6318	6317	6725	3.83	10	Ground	Equipment Failure	Defective section of main sewer	Utility to replace section of sewer	Yes	No	Yes
E	SSS	3/4/2015 1:00 AM	3/4/2015 4:45 PM	544 Wilson Square	7235	7234	22509	3.75	11,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	Yes
E	SSS	3/4/2015 12:15 AM	3/4/2015 6:00 AM	5317 Hitch Peters Road	7480	7479	23717	5.75	6,900	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	3/4/2015 12:15 AM	3/4/2015 11:00 PM	6616 Lincoln Avenue	5839	5840	14395	22.75	68,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	3/4/2015 12:00 AM	3/4/2015 11:00 PM	6601 E Oak Street	5840	5841	22948	23	41,400	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/3/2015 11:45 PM	3/4/2015 11:30 AM	4211 Western Avenue	11572	11576	15638	11.75	35,250	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/3/2015 11:45 PM	3/4/2015 1:30 PM	711 Mill Road	280751	3786	27329	13.75	82,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	3/3/2015 10:40 PM	3/4/2015 12:25 AM	600 Drexel Drive	126200	280660	12994	1.75	5,250	Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	3/3/2015 9:10 PM	3/4/2015 12:30 AM	2066 Graham Avenue	NA	3908	14409	3.33	400	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	3/3/2015 6:20 PM	3/3/2015 7:40 PM	5705 N First Avenue	9267	9260	16542	1.33	4,000	Ground/Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	CSS	2/18/2015 4:15 PM	2/18/2015 5:45 PM	1618 Irvington Avenue	2381	2382	12436	1.5	10	Basement Floor	Equipment Failure	Defective section of main sewer	Utility to repair section of sewer	Yes	No	Yes
W	CSS	2/10/2015 1:20 PM	2/10/2015 2:15 PM	2418 Joan Place	12417	12405	14592	0.92	75	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	2/5/2015 2:30 PM	2/5/2015 4:05 PM	3635 Pollack Avenue	10194	10199	23937	1.58	15	Basement Floor	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	2/4/2015 2:30 PM	2/4/2015 4:00 PM	5910 Foxboro Lane	10648	10646	10071	1.5	30	Garage Floor	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	CSS	2/1/2015 3:25 PM	2/1/2015 4:55 PM	3220 Mount Vernon Avenue	8909	8908	21615	1.5	3,600	Ground/Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	1/31/2015 1:15 PM	1/31/2015 1:15 PM	3204 Martin Avenue	8921	8907	19701	1.75	2,625	Ground/Storm Sewer	Roots	Root infiltration	Replaced section of main sewer	Yes	No	Yes
W	SSS	1/21/2015 4:55 PM	1/21/2015 6:00 PM	813 Stonebridge Road	10659	10660	12417	1.08	65	Ground/Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	1/3/2015 10:15 AM	1/3/2015 12:30 PM	4211 Western Avenue	11572	11576	15638	2.25	6,750	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	1/3/2015 10:00 AM	1/3/2015 12:00 PM	1475 E Diamond Avenue	12210	12209	14882	2	6,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	1/3/2015 10:00 AM	1/3/2015 2:15 PM	711 W Mill Road	280751	3786	27329	4.25	25,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	12/26/2014 8:30 AM	12/26/2014 8:50 AM	6514 Newburgh Road	5819	5429	7349	0.33	20	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	12/5/2014 5:30 PM	12/5/2014 6:45 PM	4211 Western Avenue	11572	11576	15638	1.25	3,750	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	12/5/2014 5:30 PM	12/5/2014 6:15 PM	1475 E Diamond Avenue	12210	12209	14882	0.75	2,250	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	12/5/2014 5:15 PM	12/5/2014 7:00 PM	711 W Mill Road	280751	3786	27329	1.75	10,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	12/5/2014 3:30 PM	12/5/2014 4:15 PM	608 S Craig Avenue	11192	11193	13436	0.75	200	Ground / Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	11/25/2014 2:45 PM	11/25/2014 3:30 PM	1806 Grove Street	7638	4849	29097	0.75	45,000	Ground/Pigeon Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Manhole cover secured to casting	Yes	No	No
W	SSS	11/23/2014 4:30 PM	11/23/2014 5:30 PM	4821 Warren Drive	9180	9174	11721	1	240	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	11/17/2014 1:40 PM	11/17/2014 2:50 PM	313 Tyler Avenue	6070	6069	22785	1.16	10	Ground	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
W	SSS	11/12/2014 4:15 PM	11/12/2014 5:15 PM	212 Lexington Road	4054	3751	11548	1	600	Ground/Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	11/10/2014 7:45 AM	11/10/2014 9:00 AM	3315 Margybeth Avenue	10197	10198	23932	1.25	1,500	Ground/Raccoon Ditch	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No	Yes
E	CSS	11/1/2014 11:00 AM	11/1/2014 1:00 PM	2401 Cass Avenue	282990	282989	29577	2	24,000	Ground/Storm Sewer	Related	Contractor shut down and repaired broken water main	Yes	No	No	
W	SSS	10/24/2014 4:30 PM	10/24/2014 6:00 PM	1250 Sheffield Drive	NA	8334	23547	1.5	100	Basement Floor	Roots	Root infiltration	CCTV Utility Main	Yes	No	Yes
W	CSS	10/14/2014 9:30 AM	10/14/2014 10:15 AM	516 Keck Avenue	12052	281002	5451	0.75	100	Basement Floor	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes

TABLE 3-1

SSO and CSS Releases

January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue		CCTV Completed
														EWSU System	Private Property	
W	SSS	10/13/2014 6:15 PM	10/13/2014 7:15 PM	4211 Western Avenue	11572	11576	15638	1	1,500	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	10/12/2014 6:00 PM	10/12/2014 8:15 PM	1508 Marshall Avenue	282328	282492	5091	2.25	500	Basement Floor	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	9/2/2014 9:15 AM	9/2/2014 10:15 AM	2608 Jeanette Avenue	80462	2634	22022	1	1,500	Ground/Storm Sewer	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No	Yes
W	CSS	8/28/2014 7:15 PM	8/28/2014 10:00 PM	1304 N Heidelberg Avenue	4884	282375	5785	2.75	50	Basement Floor	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
W	CSS	8/28/2014 7:15 PM	8/28/2014 8:30 PM	729 E Missouri Street	12524	12523	5453	1.25	200	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	Yes
W	CSS	8/28/2014 7:00 PM	8/28/2014 7:25 PM	799 E Diamond Avenue	7603	12070	19983	0.42	7,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	8/28/2014 7:00 PM	8/28/2014 8:30 PM	1475 E Diamond Avenue	12210	12209	14882	1.5	4,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	8/21/2014 2:10 PM	8/21/2014 3:15 PM	7709 Oak Hill Road	84322	84323	8419	1.08	6,500	Tributary	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
E	SSS	8/20/2014 1:45 PM	8/20/2014 3:45 PM	2031 Eastland Court	3264	3265	7039	2	40	Ground	Roots	Root infiltration	Replaced section of main sewer and lateral	Yes	No	Yes
W	SSS	8/17/2014 9:00 AM	8/17/2014 11:10 AM	711 W Mill Road	280751	3786	27329	2.16	13,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	8/17/2014 8:40 AM	8/17/2014 11:15 AM	1475 E Diamond Avenue	12210	12209	14882	2.58	7,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	8/17/2014 8:30 AM	8/17/2014 10:00 AM	4211 Western Avenue	11572	11576	15638	1.5	6,750	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	8/17/2014 8:30 AM	8/17/2014 11:00 AM	700 Fairway Drive	9032	9029	22433	2.5	7,500	Dry Branch Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	8/13/2014 3:15 PM	8/13/2014 7:30 PM	615 Crestmont Drive	126189	126186	13008	4.25	510	Tributary	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	7/24/2014 8:45 AM	7/24/2014 9:15 AM	4105 Covert Avenue	10033	2943	23406	0.5	600	Ground	Roots	Root infiltration	Lateral connection cleaned to remove roots	Yes	No	Yes
E	SSS	7/19/2014 6:15 PM	7/19/2014 7:15 PM	2559 Helmut Avenue	3992	3991	24006	2	50	Crawspace	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	7/2/2014 9:15 AM	7/2/2014 9:45 AM	705 Ivyn Avenue	6471	6467	14895	0.5	30	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	7/1/2014 7:00 PM	7/1/2014 10:15 PM	5317 Hitch Peters Road	7480	7479	23717	3.25	9,750	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	7/1/2014 6:50 PM	7/1/2014 8:25 PM	600 Drexel Drive	126200	280660	12994	1.58	1,900	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	7/1/2014 6:30 PM	7/1/2014 10:45 PM	711 W Mill Road	280751	3786	27329	2.55	25,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	7/1/2014 6:30 PM	7/1/2014 8:20 PM	1475 E Diamond Avenue	12210	12209	14882	1.83	5,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	7/1/2014 6:15 PM	7/1/2014 10:30 PM	4211 Western Avenue	11572	11576	15638	4.25	19,125	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	6/26/2014 5:30 PM	6/26/2014 7:00 PM	4211 Western Avenue	11572	11576	15638	1.5	6,750	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	6/26/2014 5:10 PM	6/26/2014 6:40 PM	900 S Takoppel Avenue	11298	8420	23658	1.5	18,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	6/24/2014 11:30 AM	6/24/2014 12:00 PM	1107 Phelps Lane	3741	3742	11520	0.5	75	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	6/15/2014 11:00 AM	6/15/2014 1:00 PM	904 Forest Glen Drive	11313	11312	22905	2	100	Basement Floor	Equipment Failure	Damaged section of sewer and lateral	Replaced section of main sewer and lateral	Yes	No	Yes
E	SSS	6/9/2014 3:00 PM	6/9/2014 8:00 PM	3523 Oak Hill Road	14505	14504	21960	5	100	Basement Floor	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
W	SSS	6/4/2014 6:15 PM	6/4/2014 7:45 PM	4211 Western Avenue	11572	11576	15638	1.5	6,750	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	6/4/2014 6:15 PM	6/4/2014 7:20 PM	1475 E Diamond Avenue	12210	12209	14882	1.08	2,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	6/4/2014 6:15 PM	6/4/2014 8:20 PM	2020 S Green River Road	10097	10103	25087	1.28	6,250	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	6/4/2014 6:10 PM	6/4/2014 7:25 PM	711 W Mill Road	280751	3786	27329	2.05	7,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	6/4/2014 6:00 PM	6/4/2014 9:15 PM	804 E Mulberry Street	NA	15772	17142	3.25	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	5/24/2014 7:45 AM	5/24/2014 11:45 AM	1528 Britton Road	14517	NA	11898	4	100	Ground/Storm Sewer	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
E	CSS	5/23/2014 2:25 PM	5/23/2014 4:15 PM	4 NW Second Street	8035	8034	6042	1.83	30	Ground	Equipment Failure	Damaged section of sewer	Utility to replace section of sewer	Yes	No	Yes
E	SSS	5/21/2014 3:50 PM	5/21/2014 5:30 PM	3528 Taylor Avenue	3476	3477	5181	1.67	300	Ground/Storm Sewer	Grease	Commercial grease waste	Sewer cleaned to remove grease	Yes	No	Yes
W	SSS	5/21/2014 3:30 PM	5/21/2014 6:45 PM	2301 Dusseldorf Drive	281941	11067	28525	3.25	30	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	5/14/2014 5:30 PM	5/14/2014 8:30 PM	4211 Western Avenue	11572	11576	15638	3	13,500	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	5/14/2014 5:30 PM	5/14/2014 8:00 PM	5317 Hitch Peters Road	7480	7479	23717	3	7,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	5/14/2014 6:15 PM	5/14/2014 8:00 PM	1475 E Diamond Avenue	12210	12209	14882	2.75	8,250	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	5/14/2014 5:00 PM	5/14/2014 7:30 PM	700 Fairway Drive	9032	9029	22433	2.5	7,500	Dry Branch Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	5/14/2014 5:00 PM	5/14/2014 8:30 PM	601 W Mill Road	3785	3786	27336	3.5	5,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	5/14/2014 5:00 PM	5/14/2014 9:15 PM	711 W Mill Road	280751	3786	27329	4.25	25,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	5/9/2014 5:35 PM	5/9/2014 7:00 PM	711 W Mill Road	280751	3786	27329	1.42	1,700	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	5/4/2014 7:00 PM	5/4/2014 9:15 PM	5607 Monroe Avenue	NA	2777	7505	2.25	50	Ground	Equipment Failure	Damaged section of sewer	Repaired section of main sewer	Yes	No	Yes
W	SSS	5/3/2014 7:00 PM	5/6/2014 11:00 AM	1130 Boulder Pass	NA	NA	14108	64	500	Ground	Equipment Failure	Damaged section of force main	Repaired section of force main	Yes	No	NA
E	SSS	5/3/2014 5:00 PM	5/3/2014 6:30 PM	1909 Greencastle Drive	14246	12245	7571	1.5	100	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	4/28/2014 7:00 AM	4/28/2014 11:00 AM	6601 E Oak Street	5840	5841	22948	4.0	2,400	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/28/2014 7:00 AM	4/28/2014 1:00 PM	501 Plaza Drive	7236	7233	22506	6.0	18,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/28/2014 6:00 AM	4/28/2014 8:30 AM	4211 Western Avenue	11572	11576	15638	2.5	11,250	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/28/2014 6:00 AM	4/28/2014 10:00 AM	700 Fairway Drive	9032	9029	22433	4	12,000	Dry Branch Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/28/2014 6:00 AM	4/28/2014 10:00 AM	711 W Mill Road	280751	3786	27329	4	24,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/28/2014 6:00 AM	4/28/2014 8:30 AM	1187 Burch Drive	10918	10923	24226	2.5	15,000	Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	NA
E	SSS	4/27/2014 2:30 PM	4/27/2014 3:20 PM	600 Normandy Drive	6161	6158	6768	0.83	500	Ground/Storm Ditch	Grease	Residential grease waste in private sewer	Grease removed by private contractor	No	Yes	NA
E	CSS	4/19/2014 9:00 AM	4/19/2014 2:15 PM	2701 Adams Avenue	NA	NA	14563	5.25	10	Ground	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
E	SSS	4/18/2014 2:15 PM	4/18/2014 4:00 PM	950 S Helbron Avenue	6877	6876	23265	1.75	50	Ground	Grease	Commercial grease waste	Sewer cleaned to remove grease	Yes	No	Yes

TABLE 3-1  
SSO and CSS Releases  
January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue		CCTV Completed
														EWSU System	Private Property	
W	SSS	4/7/2014 12:45 PM	4/7/2014 4:50 PM	711 W Mill Road	280751	3786	27329	4.08	12,240	Ground / Storm Sewer	Hydraulically Maximized Debris	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	4/4/2014 3:30 PM	4/4/2014 4:45 PM	727 Tulp Avenue	12294	12295	5032	1.25	40	Ground	Hydraulically Maximized	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
W	SSS	4/4/2014 1:30 PM	4/4/2014 2:00 PM	512 Strawberry Hill Road	10957	10956	10570	0.5	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/4/2014 1:00 PM	4/4/2014 7:00 PM	2701 N Stockwell Road	73819	5667	15407	6	18,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No	No
E	SSS	4/4/2014 12:30 PM	4/4/2014 2:40 PM	7610 Bellemeade Avenue	7106	7105	13535	2.17	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	4/4/2014 12:30 PM	4/4/2014 1:30 AM	1713 Richardt Avenue	280925	5287	19894	1	100	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No	No
E	SSS	4/4/2014 9:00 AM	4/4/2014 9:20 AM	5124 Helmut Avenue	3103	3104	22685	0.33	100	Ground	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No	Yes
E	SSS	4/4/2014 8:30 AM	4/4/2014 2:00 PM	3304 Saratoga Drive	5798	5800	8209	5.5	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/4/2014 8:00 AM	4/4/2014 2:00 PM	4205 Deer Trail	5778	5779	7380	6	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/4/2014 8:00 AM	4/4/2014 2:00 PM	4105 Deer Trail	5779	5780	7381	6	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/4/2014 5:30 AM	4/4/2014 2:00 PM	4120 Spring Valley Road	5577	5802	14982	8.5	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/4/2014 4:50 AM	4/4/2014 2:00 PM	4012 Oxmoor Road	5799	5798	8206	9.17	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/4/2014 3:15 AM	4/4/2014 2:00 PM	3211 Crossbow Lane	5800	5792	14978	10.75	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/4/2014 3:15 AM	4/4/2014 2:00 PM	3205 Autumnwood Way	5786	5784	8211	10.75	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/4/2014 3:15 AM	4/4/2014 2:00 PM	3113 Crossbow Lane	5775	5790	8221	10.75	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/4/2014 2:20 AM	4/4/2014 2:00 PM	4121 Spring Valley Road	5577	5802	14982	11.67	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/4/2014 2:00 AM	4/4/2014 2:00 PM	3008 Crossbow Lane	5776	4436	15106	12	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/4/2014 2:00 AM	4/4/2014 2:00 PM	4004 Oxmoor Road	5797	5798	8205	12	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	4/4/2014 12:30 AM	4/4/2014 7:00 AM	3300 Edgewood Drive	8818	8844	21847	6.5	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	4/4/2014 12:30 AM	4/4/2014 9:00 AM	1025 E Blackford Avenue	NA	NA	17186	8.5	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	4/4/2014 12:30 AM	4/4/2014 7:00 AM	1921 Stringtown Road	12054	12055	12358	6.5	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	4/4/2014 12:30 AM	4/4/2014 7:00 AM	329 Van Dusen Avenue	12326	12325	14667	6.5	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	CSS	4/4/2014 12:30 AM	4/4/2014 7:00 AM	801 E Parkland Avenue	281008	12287	19822	6.5	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/4/2014 12:00 AM	4/4/2014 9:00 AM	4512 Cass Avenue	10060	281798	8140	9	100	Basement Floor	Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/3/2014 11:40 PM	4/4/2014 8:00 AM	6218 Twickingham Drive	11078	11087	8103	8.33	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	4/3/2014 11:35 PM	4/4/2014 9:00 AM	2125 Monroe Avenue	10141	10140	16193	9.42	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/3/2014 11:00 PM	4/4/2014 3:00 AM	2301 Saint George Road	7487	7486	15695	4	48,000	Ground/Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	4/3/2014 11:00 PM	4/4/2014 3:00 AM	1150 S Villa Drive	3689	3282	20021	4	48,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/3/2014 11:00 PM	4/4/2014 2:00 PM	2020 S Green River Road	10097	10103	25087	15	78,000	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/3/2014 11:00 PM	4/4/2014 5:00 AM	1733 Burdette Avenue	10050	10051	5581	6	36,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/3/2014 11:00 PM	4/4/2014 5:00 AM	1757 Jeanette Avenue	69704	10032	23290	6	36,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	4/3/2014 11:00 PM	4/4/2014 3:00 AM	2001 N Weinbach Avenue	5296	5302	22930	4	48,000	Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/3/2014 11:00 PM	4/4/2014 4:00 AM	2929 Woodside Court	12613	12615	8119	5	7,500	Ground/Licking Creek	Power Failure	Lost external power causing power loss to Wazny Way Lift Station.	Power restored to station	Yes	No	NA
W	SSS	4/3/2014 10:45 PM	4/4/2014 9:00 AM	617 Biddle Court	126188	126187	13005	10.25	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/3/2014 5:30 PM	4/3/2014 6:00 PM	806 Tulp Avenue	12376	12364	5902	0.5	5	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/3/2014 5:30 PM	4/4/2014 9:00 AM	600 Drexel Drive	126174	126173	12992	15.5	9,300	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/3/2014 4:30 PM	4/4/2014 12:00 PM	1187 Burch Drive	10918	10923	24226	19.5	175,500	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/3/2014 1:30 PM	4/4/2014 11:00 AM	734 Titan Drive	CO	13649	10640	21.5	32,250	Ground/Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/3/2014 12:00 PM	4/4/2014 11:00 AM	5317 Hitch Peters Road	7480	7479	23717	23	27,600	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/3/2014 12:00 PM	4/5/2014 2:00 PM	6616 Lincoln Avenue	5839	5840	14395	50	75,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/3/2014 11:30 AM	4/5/2014 2:00 PM	6601 E Oak Street	5840	5841	22948	50.5	90,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	SSS	4/3/2014 11:30 AM	4/5/2014 3:30 PM	501 Plaza Drive	7236	7233	22506	52	156,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/3/2014 11:00 AM	4/4/2014 11:00 AM	4211 Western Avenue	11572	11576	15638	24	108,000	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/3/2014 10:30 AM	4/4/2014 6:00 PM	700 Fairway Drive	9032	9029	22433	31.5	94,500	Dry Branch Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/3/2014 10:30 AM	4/4/2014 12:00 PM	601 W Mill Road	3875	3786	27336	25.5	38,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
W	SSS	4/3/2014 10:30 AM	4/4/2014 12:00 PM	711 W Mill Road	280751	3786	27329	25.5	153,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	4/3/2014 10:30 AM	4/4/2014 8:30 AM	1475 E Diamond Avenue	12210	12209	14882	22	66,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No	No
E	CSS	4/3/2014 10:00 AM	4/3/2014 10:30 AM	516 N Boeke Road	1800	79140	7902	0.25	10	Ground	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
E	SSS	3/31/2014 7:00 PM	3/31/2014 8:45 PM	2209 Maplewood Circle	1800	79140	7902	1.75	60	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	CSS	3/28/2014 2:00 PM	3/28/2014 3:00 PM	1601 Crystal Court	2280	2286	19786	1	200	Street	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes

TABLE 3-1

SSO and CSS Releases

January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue		CCTV Completed
														EWSU System	Private Property	
E	SSS	3/26/2014 5:20 PM	3/26/2014 5:40 PM	6939 Kolb Drive	14080	14068	7781	0.33	10	Ground	Roots	Root infiltration	Replaced section of main sewer and lateral	Yes	No	Yes
E	SSS	3/25/2014 7:50 PM	3/25/2014 9:00 PM	225 S Cullen Avenue	6077	281263	6888	1.17	50	Street/Storm Sewer Ground/Dry Branch	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
W	SSS	3/24/2014 3:45 PM	3/24/2014 4:50 PM	3301 N First Avenue	9151	9032	11435	1.08	650	Creek	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No	Yes
E	SSS	3/17/2014 3:15 PM	3/17/2014 4:45 PM	3001 S Weinbach Avenue	NA	2999	7072	1.5	25	Ground	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
W	SSS	3/16/2013 1:30 PM	3/16/2013 3:15 PM	101 Pemberton Avenue	9478	4046	11602	1.75	20	Ground	Roots	Root infiltration	Replaced section of main sewer and lateral	Yes	No	Yes
W	CSS	3/12/2013 4:20 PM	3/12/2013 5:10 PM	8 Tulip Avenue	12333	12312	24259	1.17	10	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	CSS	3/10/2013 2:45 PM	3/10/2013 5:15 PM	1304 N Heidelbach Avenue	4884	282375	5785	2.5	50	Basement Floor	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No	Yes
W	SSS	3/9/2014 12:30 PM	3/9/2014 2:15 PM	8005 Pine Creek Drive	127227	127228	22218	1.75	20	Ground	Equipment Failure	Damaged section of sewer	Utility to replace section of sewer	Yes	No	Yes
E	SSS	3/2/2014 4:25 PM	3/2/2014 6:25 PM	3014 Eastbrooke Drive	7327	7328	22486	2	10	Basement Floor	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	2/27/2014 3:05 PM	2/27/2014 4:35 PM	1006 N Bosse Avenue	11444	11442	23793	1.5	270	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	2/25/2014 3:15 PM	2/25/2014 5:35 PM	2910 Graham Avenue	99634	9879	12687	2.33	50	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	2/19/2014 4:00 PM	2/19/2014 5:15 PM	5216 N Kerth Avenue	NA	9804	28948	1.25	10	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
E	SSS	2/13/2014 4:45 PM	2/13/2014 7:00 PM	3213 S Rotherwood Avenue	2160	2161	21566	2.25	675	Ground	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No	Yes
E	SSS	2/3/2014 3:00 PM	2/3/2014 5:45 PM	7920 Lauderdale Drive	7952	78939	14999	2.75	40	Ground	Equipment Failure	Defective lateral connection to main sewer	Replaced section of main sewer and lateral	Yes	No	Yes
E	SSS	1/11/2014 5:45 PM	1/11/2014 7:55 PM	3430 Taylor Avenue	3471	3472	15003	2.17	6,500	Storm Sewer	Grease	Commercial grease waste	Sewer cleaned to remove grease	Yes	No	Yes
W	SSS	1/2/2014 9:30 AM	1/2/2014 10:35 PM	7 N Caranza Drive	13639	13640	12711	1.08	1,625	Ground/Pigeon Creek Tributary	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No	Yes
W	SSS	1/1/2014 1:45 PM	1/1/2014 2:15 PM	124 Logwood Drive	123754	10623	11991	0.5	75	Basement Floor	Roots	Root infiltration	Lateral connection cleaned to remove roots	Yes	No	Yes

TABLE 3-2  
 Recurring SSO and CSS Release Locations  
 January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue	
														EWSU System	Private Property
W	SSS	2/20/2019 4:45 AM	2/20/2019 6:00 AM	4320 N First Avenue	283044	121061	15426	1.25	7,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/7/2019 12:30 PM	2/7/2018 4:00 PM	4320 N First Avenue	283044	121061	15426	3.5	21,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/7/2019 12:10 PM	2/7/2018 4:45 PM	2701 Saint George Road	7451	7450	8659	5	27,500	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/29/2017 9:45 AM	4/29/2017 12:45 PM	2701 Saint George Road	7451	7450	8659	3	18,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/14/2019 7:00 AM	3/14/2019 9:00 AM	99 W Diamond Avenue	15683	15677	22438	2	48,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/31/2018 1:15 PM	12/31/2018 1:45 PM	99 W Diamond Avenue	15683	15677	22438	0.5	24,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/1/2018 7:45 AM	11/1/2018 8:30 AM	99 W Diamond Avenue	15683	15677	22438	0.75	36,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	9/25/2018 1:00 PM	9/25/2018 2:00 PM	99 W Diamond Avenue	15683	15677	22438	1	48,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	9/8/2018 11:45 AM	9/8/2018 2:00 PM	99 W Diamond Avenue	15683	15677	22438	2.25	108,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/6/2019 10:30 AM	2/6/2019 11:15 AM	3315 Margybeth Avenue	10197	10198	23932	0.75	675	Ground/Raccoon Ditch	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No
E	SSS	8/21/2018 5:25 PM	8/21/2018 6:05 PM	3315 Margybeth Avenue	10197	10198	23932	0.67	800	Ground/Raccoon Ditch	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No
E	SSS	11/10/2014 7:45 AM	11/10/2014 9:00 AM	3315 Margybeth Avenue	10197	10198	23932	1.25	1,500	Ground/Raccoon Ditch	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No
E	CSS	2/24/2018 8:40 PM	2/24/2018 10:00 PM	1150 S Villa Drive	3689	282688	20021	1.33	16,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	4/3/2014 11:00 PM	4/4/2014 3:00 AM	1150 S Villa Drive	3689	282688	20021	4	48,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/24/2018 9:00 AM	2/24/2018 11:00 AM	11802 N Green River Road	15232	15233	9448	2	12,000	Ground/Schlenker Ditch	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/20/2015 8:30 AM	6/20/2015 9:30 AM	11802 N Green River Road	15232	15233	9448	1	3,000	Ground/Schlenker Ditch	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/23/2018 10:25 AM	2/23/2018 1:00 PM	2612 Kathleen Avenue	2912	2900	7665	2.58	500	Basement Floor	Unknown	Unknown	Utility to CCTV Sewer	Yes	No
E	SSS	2/23/2018 10:15 AM	2/23/2018 1:00 PM	2622 Kathleen Avenue	2912	2900	7665	2.75	500	Basement Floor	Unknown	Unknown	Utility to CCTV Sewer	Yes	No
W	SSS	1/22/2018 1:20 PM	1/22/2018 2:00 PM	726 Hanover Road	9253	9229	15455	0.67	200	Ground/Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
W	SSS	7/10/2015 8:30 AM	7/10/2015 8:50 AM	726 Hanover Road	9253	9229	15455	0.33	1,000	Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
W	SSS	6/23/2017 11:00 AM	6/23/2017 2:00 PM	7107 Locust Tree Lane	126053	LS	12250	3	360	Ground/Bayou Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	1/10/2016 6:35 AM	1/10/2016 7:10 AM	7107 Locust Tree Lane	126053	LS	12250	0.58	105	Ground	Equipment Failure	Pump failure at Locust Tree Lane lift station	Restored pump operation	Yes	No
W	CSS	4/16/2017 4:15 PM	4/16/2017 5:15 PM	600 S Barker Avenue	8406	283165	23743	1	12,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	7/3/2016 7:30 PM	7/3/2016 8:00 PM	600 S Barker Avenue	8406	283165	23743	0.5	6,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	9/12/2016 8:00 AM	9/12/2016 9:30 PM	360 S Rosenberger Avenue	283138	283137	29726	1.5	900	Ground/Storm Ditch	Grease	Residential grease waste in private sewer	Sewer cleaned to remove grease	No	Yes
W	SSS	6/9/2016 12:30 PM	6/9/2016 1:30 PM	360 S Rosenberger Avenue	283138	283137	29726	1	1,500	Ground/Storm Ditch	Grease	Residential grease waste in private sewer	Sewer cleaned to remove grease	No	Yes
E	SSS	9/8/2016 9:00 AM	9/8/2016 10:00 AM	1900 Pueblo Pass	NA	NA	NA	1	300	Ground	Grease	Pump failure at Private lift station	Restored pump operation	No	Yes
E	SSS	4/17/2015 12:15 PM	4/17/2015 1:15 PM	1900 Pueblo Pass	NA	NA	NA	1	300	Ground	Grease	Residential grease waste on private lift station floats	Grease removed by private maintenance crew	No	Yes
E	SSS	2/24/2018 7:15 PM	2/24/2018 11:00 PM	2401 Cass Avenue	282990	282989	29577	4	11,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	5/5/2017 10:00 AM	5/5/2017 2:00 PM	2401 Cass Avenue	282990	282989	29577	4	12,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/16/2017 5:00 PM	4/16/2017 9:00 PM	2401 Cass Avenue	282990	282989	29577	4	18,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/2/2016 7:45 PM	2/2/2016 11:00 AM	2401 Cass Avenue	282990	282989	29577	3	9,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	11/1/2014 11:00 AM	11/1/2014 1:00 PM	2401 Cass Avenue	282990	282989	29577	2	24,000	Ground/Storm Sewer	Construction Related	Contractor damaged 8" water main that inundated the CSS	Contractor shut down and repaired broken water main	Yes	No
E	SSS	7/7/2015 5:15 PM	7/7/2015 6:00 PM	313 Polster Drive	6318	6317	6725	0.75	50	Ground	Equipment Failure	Defective section of main sewer	Utility to replace section of sewer	Yes	No
E	SSS	3/6/2015 7:40 AM	3/6/2015 11:30 AM	324 Euclid Drive	6318	6317	6725	3.83	10	Ground	Equipment Failure	Defective section of main sewer	Utility to replace section of sewer	Yes	No
E	SSS	2/24/2018 8:45 PM	2/24/2018 10:15 PM	1757 Jeanette Avenue	69704	10032	23290	1.5	9,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/20/2015 12:00 AM	6/20/2015 5:00 AM	1757 Jeanette Avenue	69704	10032	23290	5	30,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/3/2014 11:00 PM	4/4/2014 5:00 AM	1757 Jeanette Avenue	69704	10032	23290	6	36,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	2/24/2018 6:00 PM	2/24/2018 11:00 PM	1713 Richardt Avenue	280925	5287	19894	5	15,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	7/3/2016 8:00 PM	7/4/2016 11:30 AM	1713 Richardt Avenue	280925	5287	19894	15.5	18,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	6/19/2015 11:00 PM	6/20/2015 5:00 AM	1713 Richardt Avenue	280925	5287	19894	6	3,600	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	3/10/2015 12:00 PM	3/10/2015 1:00 PM	1713 Richardt Avenue	280925	5287	19894	1	600	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	4/4/2014 12:30 PM	4/4/2014 1:30 AM	1713 Richardt Avenue	280925	5287	19894	1	100	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	SSS	2/23/2018 10:15 AM	2/23/2018 12:30 PM	2717 N Stockwell Road	73819	5667	15407	2.25	270	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	5/5/2017 9:00 AM	5/5/2017 10:30 AM	2701 N Stockwell Road	73819	5667	15407	1.5	9,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No

TABLE 3-2  
 Recurring SSO and CSS Release Locations  
 January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue	
														EWSU System	Private Property
E	SSS	4/29/2017 3:00 AM	4/29/2017 8:00 AM	2701 N Stockwell Road	73819	5667	15407	5	30,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/20/2015 12:30 AM	6/20/2015 2:00 AM	2701 N Stockwell Road	73819	5667	15407	1.5	9,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/4/2014 1:00 PM	4/4/2014 7:00 PM	2701 N Stockwell Road	73819	5667	15407	6	18,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/2/2016 7:30 PM	2/2/2016 11:00 PM	2333 Bergdolt Road	7381	7380	14990	3.5	10,500	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/20/2015 12:30 AM	6/20/2015 5:30 AM	2333 Bergdolt Road	7381	7380	14990	5	15,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/22/2019 8:15 AM	6/22/2019 10:00 AM	5317 Hitch Peters Road	7480	7479	23717	1.75	5,250	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/30/2019 3:15 PM	3/30/2019 6:00 PM	5317 Hitch Peters Road	7480	7479	23717	2.75	8,250	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/14/2019 8:00 AM	3/14/2019 5:00 PM	5317 Hitch Peters Road	7480	7479	23717	9	27,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/20/2019 3:15 AM	2/20/2019 9:45 AM	5317 Hitch Peters Road	7480	7479	23717	6.5	19,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/7/2019 12:30 PM	2/7/2018 8:00 PM	5317 Hitch Peters Road	7480	7479	23717	7.5	22,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	12/31/2018 2:00 PM	12/31/2018 4:00 PM	5317 Hitch Peters Road	7480	7479	23717	2	6,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	12/15/2018 2:55 AM	12/15/2018 6:45 AM	5317 Hitch Peters Road	7480	7479	23717	3.83	11,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	9/25/2018 1:30 PM	9/25/2018 3:30 PM	5317 Hitch Peters Road	7480	7479	23717	2	6,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/24/2018 7:30 PM	2/25/2018 2:00 AM	5317 Hitch Peters Road	7480	7479	23717	6.5	19,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	7/23/2017 7:00 AM	7/23/2017 8:15 AM	5317 Hitch Peters Road	7480	7479	23717	1.25	7,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	5/5/2017 8:00 AM	5/5/2017 1:00 PM	5317 Hitch Peters Road	7480	7479	23717	5	15,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/29/2017 2:00 AM	4/29/2017 3:00 PM	5317 Hitch Peters Road	7480	7479	23717	13	39,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	7/4/2016 9:30 AM	7/4/2016 3:00 PM	5317 Hitch Peters Road	7480	7479	23717	5.5	16,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/26/2016 10:30 PM	6/27/2016 1:00 AM	5317 Hitch Peters Road	7480	7479	23717	2.5	11,250	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	5/12/2016 2:30 AM	5/12/2016 6:00 AM	5317 Hitch Peters Road	7480	7479	23717	3.5	15,750	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/27/2016 7:30 PM	4/27/2016 10:30 PM	5317 Hitch Peters Road	7480	7479	23717	3	13,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/2/2016 7:30 PM	2/2/2016 11:00 PM	5317 Hitch Peters Road	7480	7479	23717	3.5	15,750	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	12/28/2015 2:00 PM	12/28/2015 4:00 PM	5317 Hitch Peters Road	7480	7479	23717	2	3,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/20/2015 12:30 AM	6/20/2015 8:00 AM	5317 Hitch Peters Road	7480	7479	23717	7.5	22,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/3/2015 3:45 AM	4/3/2015 3:00 PM	5317 Hitch Peters Road	7480	7479	23717	11.25	23,250	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/13/2015 11:00 AM	3/14/2015 6:00 AM	5317 Hitch Peters Road	7480	7479	23717	19	22,800	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/4/2015 12:15 AM	3/4/2015 6:00 AM	5317 Hitch Peters Road	7480	7479	23717	5.75	6,900	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	7/1/2014 7:00 PM	7/1/2014 10:15 PM	5317 Hitch Peters Road	7480	7479	23717	3.25	9,750	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	5/14/2014 5:30 PM	5/14/2014 8:00 PM	5317 Hitch Peters Road	7480	7479	23717	2.5	7,500	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/3/2014 12:00 PM	4/4/2014 11:00 AM	5317 Hitch Peters Road	7480	7479	23717	23	27,600	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/22/2018 8:00 AM	2/26/2018 10:00 PM	6617 E Oak Street	7253	5839	14394	102	70,875	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	12/28/2015 11:00 AM	12/29/2015 2:00 AM	6617 E Oak Street	7253	5839	14394	15	90,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	12/27/2015 3:00 PM	12/27/2015 11:00 PM	6617 E Oak Street	7253	5839	14394	8	48,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	7/10/2015 8:30 AM	7/10/2015 8:00 PM	6617 E Oak Street	7253	5839	14394	11.5	34,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	7/7/2015 3:30 PM	7/7/2015 10:00 PM	6617 E Oak Street	7253	5839	14394	6.5	39,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/20/2015 12:00 AM	6/20/2015 4:00 PM	6617 E Oak Street	7253	5839	14394	16.0	96,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/3/2015 4:30 AM	4/4/2015 1:45 AM	6617 E Oak Street	7253	5839	14394	21.3	109,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/13/2015 1:30 PM	3/15/2015 1:00 AM	6617 E Oak Street	7253	5839	14394	35.5	213,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/10/2015 12:00 PM	3/10/2015 11:00 PM	6617 E Oak Street	7253	5839	14394	11.00	66,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/4/2015 12:15 AM	3/4/2015 11:00 PM	6616 Lincoln Avenue	5839	5840	14395	23	68,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/3/2014 12:00 PM	4/5/2014 2:00 PM	6616 Lincoln Avenue	5839	5840	14395	50	75,000	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No

TABLE 3-2  
 Recurring SSO and CSS Release Locations  
 January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue	
														EWSU System	Private Property
W	SSS	2/24/2018 8:30 PM	2/24/2018 10:30 PM	4108 Western Avenue	11445	11571	15704	2	14,400	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/7/2017 9:00 AM	3/7/2017 1:00 PM	4108 Western Avenue	11445	11571	15704	4	12,000	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	7/3/2016 7:30 PM	7/4/2016 11:00 AM	4108 Western Avenue	11445	11571	15704	15.5	27,000	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/12/2016 2:00 AM	5/12/2016 6:00 AM	4108 Western Avenue	11445	11571	15704	4	12,000	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/2/2016 7:15 PM	2/2/2016 10:30 PM	4108 Western Avenue	11445	11571	15704	3.25	9,750	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/23/2015 2:05 PM	12/23/2015 6:00 PM	4108 Western Avenue	11445	11571	15704	3.92	7,050	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/17/2015 8:35 AM	11/17/2015 10:30 AM	4108 Western Avenue	11445	11571	15704	1.92	5,750	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	9/25/2018 12:15 PM	9/25/2018 2:15 PM	4211 Western Avenue	11572	11576	15638	2	6,000	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/29/2017 1:00 AM	4/29/2017 5:00 AM	4211 Western Avenue	11572	11576	15638	4	24,000	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/27/2016 8:45 PM	4/27/2016 10:30 PM	4211 Western Avenue	11572	11576	15638	1.75	2,100	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/10/2016 1:00 PM	3/10/2016 7:00 PM	4211 Western Avenue	11572	11576	15638	6	7,200	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/27/2015 9:00 AM	12/27/2015 12:00 PM	4211 Western Avenue	11572	11576	15638	3	3,600	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/23/2015 2:05 PM	12/23/2015 6:00 PM	4211 Western Avenue	11572	11576	15638	3.92	4,700	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/17/2015 8:30 AM	11/17/2015 10:30 AM	4211 Western Avenue	11572	11576	15638	2	6,000	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	7/7/2015 3:30 PM	7/7/2015 4:30 PM	4211 Western Avenue	11572	11576	15638	1	3,000	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/19/2015 10:30 PM	6/20/2015 5:30 AM	4211 Western Avenue	11572	11576	15638	7	21,000	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/3/2015 3:30 AM	4/3/2015 3:00 PM	4211 Western Avenue	11572	11576	15638	11.5	31,500	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/13/2015 10:00 AM	3/14/2015 7:00 AM	4211 Western Avenue	11572	11576	15638	21	63,000	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/10/2015 12:00 PM	3/10/2015 2:00 PM	4211 Western Avenue	11572	11576	15638	2	6,000	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/3/2015 11:45 PM	3/4/2015 11:30 AM	4211 Western Avenue	11572	11576	15638	11.75	35,250	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	1/3/2015 10:15 AM	1/3/2015 12:30 PM	4211 Western Avenue	11572	11576	15638	2.25	6,750	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/5/2014 5:30 PM	12/5/2014 6:45 PM	4211 Western Avenue	11572	11576	15638	1.25	3,750	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	10/13/2014 6:15 PM	10/13/2014 7:15 PM	4211 Western Avenue	11572	11576	15638	1	1,500	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	8/17/2014 8:30 AM	8/17/2014 10:00 AM	4211 Western Avenue	11572	11576	15638	1.5	6,750	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	7/1/2014 6:15 PM	7/1/2014 10:30 PM	4211 Western Avenue	11572	11576	15638	4.25	19,125	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/26/2014 5:30 PM	6/26/2014 7:00 PM	4211 Western Avenue	11572	11576	15638	1.5	6,750	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/4/2014 6:15 PM	6/4/2014 7:45 PM	4211 Western Avenue	11572	11576	15638	1.5	6,750	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/14/2014 5:30 PM	5/14/2014 8:30 PM	4211 Western Avenue	11572	11576	15638	3	13,500	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/28/2014 6:00 PM	4/28/2014 8:30 PM	4211 Western Avenue	11572	11576	15638	2.5	11,250	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/3/2014 11:00 AM	4/4/2014 11:00 AM	4211 Western Avenue	11572	11576	15638	24	108,000	Ground/Carpentier Creek Tributary	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/29/2019 10:30 AM	3/29/2019 12:15 PM	700 Fairway Drive	9032	9029	22433	1.75	10,500	Dry Branch Creek	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	8/17/2014 8:30 AM	8/17/2014 11:00 AM	700 Fairway Drive	9032	9029	22433	2.5	7,500	Dry Branch Creek	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/14/2014 5:00 PM	5/14/2014 7:30 PM	700 Fairway Drive	9032	9029	22433	2.5	7,500	Dry Branch Creek	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/28/2014 6:00 PM	4/28/2014 10:00 PM	700 Fairway Drive	9032	9029	22433	4	12,000	Dry Branch Creek	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/3/2014 10:30 AM	4/4/2014 6:00 PM	700 Fairway Drive	9032	9029	22433	31.5	94,500	Dry Branch Creek	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/14/2014 5:00 PM	5/14/2014 8:30 PM	601 W Mill Road	3785	3786	27336	3.5	5,250	Ground / Storm Sewer	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/3/2014 10:30 AM	4/4/2014 12:00 PM	601 W Mill Road	3785	3786	27336	25.5	38,250	Ground / Storm Sewer	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	7/10/2015 8:25 AM	7/10/2015 8:30 AM	7301 Lincoln Avenue	7209	7210	15116	0.08	250	Storm Sewer	Hydraulically Maximixed	Collection System hydraulically Maximixed	Pumps adjusted to meet discharge capacity	Yes	No
E	SSS	3/14/2015 4:15 AM	3/14/2015 9:30 AM	7301 Lincoln Avenue	7209	7210	15116	5.25	15,750	Storm Sewer	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/14/2019 8:00 AM	3/14/2019 3:00 PM	2020 S Green River Road	10097	10103	25087	7	21,000	Ground/Eagle Creek	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/24/2018 8:30 PM	2/25/2018 2:00 AM	2020 S Green River Road	10097	10103	25087	5.5	13,500	Ground/Eagle Creek	Hydraulically Maximixed	Collection System hydraulically Maximixed	Precipitation event ended and collection system returned to normal capacity	Yes	No

TABLE 3-2  
 Recurring SSO and CSS Release Locations  
 January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue	
														EWSU System	Private Property
E	SSS	5/5/2017 10:00 AM	5/5/2017 11:30 AM	2020 S Green River Road	10097	10103	25087	1.5	2,250	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/16/2017 4:45 PM	4/16/2017 7:45 PM	2020 S Green River Road	10097	10103	25087	3	9,000	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	7/4/2016 9:00 AM	7/4/2016 12:15 PM	2020 S Green River Road	10097	10103	25087	3.25	9,750	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/27/2016 7:00 PM	4/27/2016 9:30 PM	2020 S Green River Road	10097	10103	25087	2.5	3,750	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/2/2016 7:30 PM	2/2/2016 11:30 PM	2020 S Green River Road	10097	10103	25087	4	12,000	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/20/2015 12:00 AM	6/20/2015 6:30 AM	2020 S Green River Road	10097	10103	25087	6.5	19,500	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/4/2014 6:15 PM	6/4/2014 8:20 PM	2020 S Green River Road	10097	10103	25087	2.08	6,250	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/3/2014 11:00 PM	4/4/2014 2:00 PM	2020 S Green River Road	10097	10103	25087	15	78,000	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/3/2015 2:00 PM	4/3/2015 3:15 PM	6223 Twickingham Drive	11087	NA	8104	1.25	150	Ground/Little Pigeon Creek Tributary	Equipment Failure	Tangled pump float cords at Twickingham lift station	Crew untangled pump float cords	Yes	No
E	SSS	4/3/2014 11:40 PM	4/4/2014 8:00 AM	6218 Twickingham Drive	11078	11087	8103	8.33	100	Basement Floor	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/16/2019 9:45 PM	6/17/2019 12:30 AM	1187 Burch Drive	10918	10923	24226	2.75	8,250	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/20/2019 3:15 AM	2/20/2019 6:45 AM	1187 Burch Drive	10918	10923	24226	3.5	39,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/15/2018 3:05 AM	12/15/2018 6:55 AM	1187 Burch Drive	10918	10923	24226	3.83	46,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	9/25/2018 1:30 PM	9/25/2018 3:30 PM	1187 Burch Drive	10918	10923	24226	2	24,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	7/23/2017 7:00 AM	7/23/2017 8:45 AM	1187 Burch Drive	10918	10923	24226	1.75	21,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/5/2017 8:00 AM	5/5/2017 1:00 PM	1187 Burch Drive	10918	10923	24226	5	30,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/29/2017 2:00 AM	4/29/2017 6:00 PM	1187 Burch Drive	10918	10923	24226	16	96,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	7/4/2016 9:30 AM	7/4/2016 3:00 PM	1187 Burch Drive	10918	10923	24226	5.5	33,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/26/2016 11:00 PM	6/27/2016 2:00 AM	1187 Burch Drive	10918	10923	24226	3	18,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/12/2016 2:30 AM	5/12/2016 6:00 AM	1187 Burch Drive	10918	10923	24226	3.5	21,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/20/2015 12:30 AM	6/20/2015 8:00 AM	1187 Burch Drive	10918	10923	24226	7.5	45,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/13/2015 11:00 AM	3/14/2015 6:00 AM	1187 Burch Drive	10918	10923	24226	19	85,500	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/10/2015 1:00 PM	3/10/2015 5:30 PM	1187 Burch Drive	10918	10923	24226	4.5	27,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/28/2014 6:00 PM	4/28/2014 8:30 PM	1187 Burch Drive	10918	10923	24226	2.5	15,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/3/2014 4:30 PM	4/4/2014 12:00 PM	1187 Burch Drive	10918	10923	24226	19.5	175,500	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/22/2019 8:00 AM	6/22/2019 7:45 PM	6601 E Oak Street	5840	5841	22948	11.75	9,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	5/3/2019 7:30 AM	5/3/2019 10:45 PM	6601 E Oak Street	5840	5841	22948	15.25	29,625	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/20/2019 12:30 AM	4/20/2019 7:00 PM	6601 E Oak Street	5840	5841	22948	14.5	27,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/30/2019 3:30 PM	3/30/2019 11:00 PM	6601 E Oak Street	5840	5841	22948	7.5	11,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/14/2019 7:30 AM	3/15/2019 4:30 AM	6601 E Oak Street	5840	5841	22948	21.00	63,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/20/2019 2:15 AM	2/20/2019 1:00 PM	6601 E Oak Street	5840	5841	22948	10.75	64,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/11/2019 9:00 AM	2/12/2019 7:30 AM	6601 E Oak Street	5840	5841	22948	22.5	67,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/7/2019 12:45 PM	2/7/2018 6:45 PM	6601 E Oak Street	5840	5841	22948	6	108,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	12/15/2018 9:00 AM	12/15/2018 11:30 PM	6601 E Oak Street	5840	5841	22948	15	87,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	11/1/2018 9:15 AM	11/1/2018 11:30 AM	6601 E Oak Street	5840	5841	22948	2	2,700	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/25/2018 10:30 AM	6/25/2018 8:30 PM	6601 E Oak Street	5840	5841	22948	10	12,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/2/2018 12:30 AM	4/2/2018 5:00 AM	6601 E Oak Street	5840	5841	22948	5	5,400	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/29/2018 4:00 PM	3/30/2018 1:00 PM	6601 E Oak Street	5840	5841	22948	21	25,200	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/22/2018 8:00 AM	2/26/2018 10:00 PM	6601 E Oak Street	5840	5841	22948	102	141,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	5/5/2017 7:30 AM	5/6/2017 12:30 AM	6601 E Oak Street	5840	5841	22948	17	51,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/29/2017 9:00 AM	4/30/2017 10:00 PM	6601 E Oak Street	5840	5841	22948	37	54,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No

TABLE 3-2  
 Recurring SSO and CSS Release Locations  
 January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue	
														EWSU System	Private Property
E	SSS	7/4/2016 9:15 AM	7/4/2016 3:00 PM	6601 E Oak Street	5840	5841	22948	6	17,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/27/2016 7:30 PM	4/28/2016 1:30 AM	6601 E Oak Street	5840	5841	22948	6	36,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/10/2016 1:30 PM	3/10/2016 8:00 PM	6601 E Oak Street	5840	5841	22948	7	83,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/2/2016 7:45 PM	2/3/2016 1:30 AM	6601 E Oak Street	5840	5841	22948	6	34,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	12/28/2015 11:00 AM	12/29/2015 2:00 AM	6601 E Oak Street	5840	5841	22948	15	90,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	12/27/2015 3:00 PM	12/27/2015 11:00 PM	6601 E Oak Street	5840	5841	22948	8	48,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	7/10/2015 8:30 AM	7/10/2015 7:00 PM	6601 E Oak Street	5840	5841	22948	10.5	31,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	7/7/2015 3:30 PM	7/7/2015 10:00 PM	6601 E Oak Street	5840	5841	22948	6.5	39,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/20/2015 12:00 AM	6/20/2015 4:00 PM	6601 E Oak Street	5840	5841	22948	16.0	96,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/3/2015 4:30 AM	4/4/2015 2:00 AM	6601 E Oak Street	5840	5841	22948	21.5	111,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/13/2015 1:15 PM	3/15/2015 1:00 AM	6601 E Oak Street	5840	5841	22948	35.8	214,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/10/2015 12:00 PM	3/10/2015 11:00 PM	6601 E Oak Street	5840	5841	22948	11.0	66,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/4/2015 12:00 AM	3/4/2015 11:00 PM	6601 E Oak Street	5840	5841	22948	23.0	41,400	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/28/2014 7:00 AM	4/28/2014 11:00 AM	6601 E Oak Street	5840	5841	22948	4.0	2,400	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/3/2014 11:30 AM	4/5/2014 2:00 PM	6601 E Oak Street	5840	5841	22948	50.5	90,900	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/23/2015 2:00 PM	12/23/2015 3:00 PM	2524 N Baker Avenue	15679	15678	22436	1	12,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/17/2015 8:00 AM	11/17/2015 9:00 AM	2524 N Baker Avenue	15679	15678	22436	1	12,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/28/2018 8:45 AM	3/29/2018 2:00 PM	2550 N Baker Avenue	15680	15679	22437	29.25	93,750	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/17/2015 7:45 AM	11/17/2015 9:00 AM	2550 N Baker Avenue	15680	15679	22437	1.25	18,750	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/6/2015 12:15 AM	11/6/2015 2:30 AM	2550 N Baker Avenue	15680	15679	22437	2.25	33,750	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/31/2018 12:15 PM	5/31/2018 1:00 PM	41 Oak Meadow	NA	NA	NA	0.75	225	Ground	Power Failure	Power failure at Station	Generator activated	Yes	No
W	SSS	6/20/2015 12:30 AM	6/20/2015 2:00 AM	41 Oak Meadow	NA	NA	NA	1.5	900	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	6/22/2019 6:45 AM	6/22/2019 8:00 AM	1475 E Diamond Avenue	12210	12209	14882	1.25	3,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	2/20/2019 12:30 AM	2/20/2019 6:45 AM	1475 E Diamond Avenue	12210	12209	14882	6.25	9,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	2/7/2019 12:30 PM	2/7/2018 1:30 PM	1475 E Diamond Avenue	12210	12209	14882	1	3,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	9/25/2018 1:00 PM	9/25/2018 2:00 PM	1475 E Diamond Avenue	12210	12209	14882	1	7,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	9/8/2018 12:30 PM	9/8/2018 1:30 PM	1475 E Diamond Avenue	12210	12209	14882	1	4,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	2/24/2018 6:00 PM	2/24/2018 11:00 PM	1475 E Diamond Avenue	12210	12209	14882	5	22,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	5/5/2017 7:00 AM	5/5/2017 10:30 AM	1475 E Diamond Avenue	12210	12209	14882	3.5	15,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	4/29/2017 12:30 AM	4/29/2017 12:00 PM	1475 E Diamond Avenue	12210	12209	14882	11.5	21,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	8/10/2016 11:15 AM	8/10/2016 12:00 PM	1475 E Diamond Avenue	12210	12209	14882	0.75	3,375	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	7/27/2016 6:30 PM	7/27/2016 7:00 PM	1475 E Diamond Avenue	12210	12209	14882	0.5	2,250	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	7/3/2016 8:00 PM	7/4/2016 11:30 AM	1475 E Diamond Avenue	12210	12209	14882	15.5	12,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	6/26/2016 10:30 PM	6/26/2016 11:45 PM	1475 E Diamond Avenue	12210	12209	14882	1.25	3,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	5/12/2016 2:30 AM	5/12/2016 6:00 AM	1475 E Diamond Avenue	12210	12209	14882	3.5	10,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	4/27/2016 7:30 PM	4/27/2016 10:30 PM	1475 E Diamond Avenue	12210	12209	14882	3	9,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	3/10/2016 3:15 PM	3/10/2016 6:00 PM	1475 E Diamond Avenue	12210	12209	14882	2.75	8,250	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	2/2/2016 7:00 PM	2/2/2016 10:00 PM	1475 E Diamond Avenue	12210	12209	14882	3	9,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	12/28/2015 1:30 PM	12/28/2015 4:00 PM	1475 E Diamond Avenue	12210	12209	14882	2.5	3,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	7/7/2015 3:30 PM	7/7/2015 4:30 PM	1475 E Diamond Avenue	12210	12209	14882	1	3,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	6/19/2015 10:30 PM	6/20/2015 5:00 AM	1475 E Diamond Avenue	12210	12209	14882	6.5	19,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	4/3/2015 3:00 AM	4/3/2015 3:30 PM	1475 E Diamond Avenue	12210	12209	14882	12.5	28,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No

TABLE 3-2  
 Recurring SSO and CSS Release Locations  
 January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue	
														EWSU System	Private Property
E	CSS	3/13/2015 11:00 AM	3/13/2015 7:30 PM	1475 E Diamond Avenue	12210	12209	14882	8.5	25,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	3/10/2015 11:30 AM	3/10/2015 3:30 PM	1475 E Diamond Avenue	12210	12209	14882	4	12,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	1/3/2015 10:00 AM	1/3/2015 12:00 PM	1475 E Diamond Avenue	12210	12209	14882	2	6,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	12/5/2014 5:30 PM	12/5/2014 6:15 PM	1475 E Diamond Avenue	12210	12209	14882	0.75	2,250	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	8/28/2014 7:00 PM	8/28/2014 8:30 PM	1475 E Diamond Avenue	12210	12209	14882	1.5	4,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	8/17/2014 8:40 AM	8/17/2014 11:15 AM	1475 E Diamond Avenue	12210	12209	14882	2.58	7,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	7/1/2014 6:30 PM	7/1/2014 8:20 PM	1475 E Diamond Avenue	12210	12209	14882	1.83	5,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	6/4/2014 6:15 PM	6/4/2014 7:20 PM	1475 E Diamond Avenue	12210	12209	14882	1.08	2,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	5/14/2014 5:15 PM	5/14/2014 8:00 PM	1475 E Diamond Avenue	12210	12209	14882	2.75	8,250	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	4/3/2014 10:30 AM	4/4/2014 8:30 AM	1475 E Diamond Avenue	12210	12209	14882	22	66,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/28/2014 7:00 AM	4/28/2014 1:00 PM	501 Plaza Drive	7236	7233	22506	6	18,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/3/2014 11:30 AM	4/5/2014 3:30 PM	501 Plaza Drive	7236	7233	22506	52.00	156,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	2/24/2018 8:30 PM	2/24/2018 10:30 PM	2001 N Weinbach Avenue	5296	5302	22930	2	24,000	Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	2/2/2016 7:15 PM	2/2/2016 7:30 PM	2001 N Weinbach Avenue	5296	5302	22930	0.25	3,000	Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	4/3/2014 11:00 PM	4/4/2014 3:00 AM	2001 N Weinbach Avenue	5296	5302	22930	4	48,000	Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/29/2017 9:45 AM	4/29/2017 12:45 PM	2808 Longacre Drive	7331	281808	28347	3	9,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/10/2016 4:30 PM	3/11/2016 7:00 PM	2808 Longacre Drive	7331	281808	28347	27	31,800	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/7/2019 1:30 PM	2/7/2018 7:00 PM	600 Drexel Drive	126200	280660	12994	5.5	16,500	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	1/23/2019 8:45 AM	1/23/2019 1:30 PM	600 Drexel Drive	126200	280660	12994	4.75	14,250	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	1/4/2019 1:10 PM	1/4/2019 2:00 PM	600 Drexel Drive	126200	280660	12994	0.83	2,500	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/27/2018 3:30 PM	12/27/2018 4:30 PM	600 Drexel Drive	126200	280660	12994	1	3,000	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/15/2018 7:45 AM	12/15/2018 12:00 PM	600 Drexel Drive	126200	280660	12994	4.25	12,750	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/12/2018 2:15 AM	6/12/2018 4:15 AM	600 Drexel Drive	126200	280660	12994	2	6,000	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/23/2017 1:30 AM	12/23/2017 6:00 AM	600 Drexel Drive	126200	280660	12994	4.5	13,500	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/5/2017 7:30 AM	5/5/2017 9:30 AM	600 Drexel Drive	126200	280660	12994	2	6,000	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/29/2017 1:30 AM	4/29/2017 1:00 PM	600 Drexel Drive	126200	280660	12994	11.5	51,750	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/12/2016 3:00 AM	5/12/2016 4:10 AM	600 Drexel Drive	126200	280660	12994	1.16	7,000	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	8/6/2015 2:55 AM	8/6/2015 5:00 AM	600 Drexel Drive	126200	280660	12994	2.08	6,250	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/19/2015 11:45 PM	6/20/2015 5:00 AM	600 Drexel Drive	126200	280660	12994	5.25	15,750	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/3/2015 10:40 PM	3/4/2015 12:25 AM	600 Drexel Drive	126200	280660	12994	1.75	5,250	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	7/1/2014 6:50 PM	7/1/2014 8:25 PM	600 Drexel Drive	126200	280660	12994	1.58	1,900	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/22/2019 7:15 AM	6/22/2019 8:30 AM	711 W Mill Road	280751	3786	27329	1.25	3,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/16/2019 9:30 PM	6/17/2019 1:00 AM	711 W Mill Road	280751	3786	27329	3.5	10,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/30/2019 3:15 PM	3/30/2019 6:15 PM	711 W Mill Road	280751	3786	27329	3	9,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/14/2019 4:00 AM	3/14/2019 5:00 PM	711 W Mill Road	280751	3786	27329	13	39,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/20/2019 12:15 AM	2/20/2019 9:45 AM	711 W Mill Road	280751	3786	27329	9.5	28,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/11/2019 8:30 AM	2/11/2019 5:00 PM	711 W Mill Road	280751	3786	27329	8.5	1,530	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/7/2019 12:30 PM	2/7/2018 6:00 PM	711 W Mill Road	280751	3786	27329	5.5	33,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/31/2018 2:00 PM	12/31/2018 4:00 PM	711 W Mill Road	280751	3786	27329	2	12,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/15/2018 2:30 AM	12/15/2018 6:30 AM	711 W Mill Road	280751	3786	27329	6	24,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/1/2018 9:15 AM	11/1/2018 11:30 AM	711 W Mill Road	280751	3786	27329	2.25	13,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No

TABLE 3-2  
 Recurring SSO and CSS Release Locations  
 January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue	
														EWSU System	Private Property
W	SSS	9/25/2018 1:30 PM	9/25/2018 4:00 PM	711 W Mill Road	280751	3786	27329	2.5	15,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	9/8/2018 12:00 PM	9/8/2018 2:00 PM	711 W Mill Road	280751	3786	27329	2	12,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/24/2018 5:00 PM	2/25/2018 2:30 AM	711 W Mill Road	280751	3786	27329	9.5	28,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/29/2017 12:30 AM	4/29/2017 1:30 PM	711 W Mill Road	280751	3786	27329	13	25,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	7/4/2016 9:00 AM	7/4/2016 10:30 AM	711 W Mill Road	280751	3786	27329	1.5	4,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/2/2016 7:30 PM	2/2/2016 10:30 PM	711 W Mill Road	280751	3786	27329	3	13,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/28/2015 1:30 PM	12/28/2015 4:00 PM	711 W Mill Road	280751	3786	27329	2.5	3,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/23/2015 4:45 PM	12/23/2015 6:00 PM	711 W Mill Road	280751	3786	27329	2	3,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/17/2015 9:00 AM	11/17/2015 11:00 AM	711 W Mill Road	280751	3786	27329	2	6,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/19/2015 11:30 PM	6/20/2015 5:30 AM	711 W Mill Road	280751	3786	27329	6	36,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/19/2015 10:30 AM	4/19/2015 8:30 PM	711 W Mill Road	280751	3786	27329	10	12,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/10/2015 12:45 AM	4/10/2015 2:00 AM	711 W Mill Road	280751	3786	27329	1.25	7,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/3/2015 3:15 AM	4/3/2015 4:00 PM	711 W Mill Road	280751	3786	27329	12.75	83,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/13/2015 10:30 AM	3/14/2015 8:30 AM	711 W Mill Road	280751	3786	27329	22	132,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/10/2015 12:00 PM	3/10/2015 5:15 PM	711 W Mill Road	280751	3786	27329	5.25	31,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/3/2015 11:45 PM	3/4/2015 1:30 PM	711 W Mill Road	280751	3786	27329	13.75	82,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	1/3/2015 10:00 AM	1/3/2015 2:15 PM	711 W Mill Road	280751	3786	27329	4.25	25,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/5/2014 5:15 PM	12/5/2014 7:00 PM	711 W Mill Road	280751	3786	27329	1.75	10,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	8/17/2014 9:00 AM	8/17/2014 11:10 AM	711 W Mill Road	280751	3786	27329	2.16	13,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	7/1/2014 6:30 PM	7/1/2014 10:45 PM	711 W Mill Road	280751	3786	27329	4.25	25,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/4/2014 6:10 PM	6/4/2014 7:25 PM	711 W Mill Road	280751	3786	27329	1.25	7,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/14/2014 5:00 PM	5/14/2014 9:15 PM	711 W Mill Road	280751	3786	27329	4.25	25,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/9/2014 5:35 PM	5/9/2014 7:00 PM	711 W Mill Road	280751	3786	27329	1.42	1,700	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/28/2014 6:00 PM	4/28/2014 10:00 PM	711 W Mill Road	280751	3786	27329	4	24,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/7/2014 12:45 PM	4/7/2014 4:50 PM	711 W Mill Road	280751	3786	27329	4.08	12,240	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/3/2014 10:30 AM	4/4/2014 12:00 PM	711 W Mill Road	280751	3786	27329	25.5	153,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	3/14/2019 3:15 AM	3/14/2019 1:30 PM	900 S Tekoppel Avenue	11298	8420	23658	12.25	24,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	2/7/2019 11:45 AM	2/7/2018 4:00 PM	900 S Tekoppel Avenue	11298	8420	23658	4.25	26,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	12/15/2018 1:00 AM	12/15/2018 2:00 AM	900 S Tekoppel Avenue	11298	8420	23658	1	12,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	11/1/2018 7:35 AM	11/1/2018 7:50 AM	900 S Tekoppel Avenue	11298	8420	23658	0.25	3,000	Ground/Howell Wetland	Maximized	Collection System hydraulically Maximized	returned to normal capacity	Yes	No
W	CSS	9/25/2018 12:45 PM	9/25/2018 2:15 PM	900 S Tekoppel Avenue	11298	8420	23658	1.5	18,000	Ground/Howell Wetland	Maximized	Collection System hydraulically Maximized	returned to normal capacity	Yes	No
W	CSS	9/8/2018 11:30 AM	9/8/2018 1:00 PM	900 S Tekoppel Avenue	11298	8420	23658	1.5	18,000	Ground/Howell Wetland	Maximized	Collection System hydraulically Maximized	returned to normal capacity	Yes	No
W	CSS	6/24/2018 9:45 PM	6/24/2018 10:15 PM	900 S Tekoppel Avenue	11298	8420	23658	0.5	6,000	Ground/Howell Wetland	Maximized	Collection System hydraulically Maximized	returned to normal capacity	Yes	No
W	CSS	3/29/2018 1:20 PM	3/29/2018 1:30 PM	900 S Tekoppel Avenue	11298	8420	23658	0.17	1,000	Ground/Howell Wetland	Maximized	Collection System hydraulically Maximized	returned to normal capacity	Yes	No
W	CSS	2/24/2018 5:00 PM	2/25/2018 3:00 PM	900 S Tekoppel Avenue	11298	8420	23658	22	132,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	7/23/2017 6:45 AM	7/23/2017 7:30 AM	900 S Tekoppel Avenue	11298	8420	23658	0.75	18,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	4/29/2017 12:45 AM	4/29/2017 9:30 AM	900 S Tekoppel Avenue	11298	8420	23658	8.75	57,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	5/12/2016 1:30 AM	5/12/2016 2:50 AM	900 S Tekoppel Avenue	11298	8420	23658	1.33	32,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	returned to normal capacity	Yes	No
W	CSS	2/2/2016 6:45 PM	2/2/2016 8:15 PM	900 S Tekoppel Avenue	11298	8420	23658	1.5	36,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	6/26/2014 5:10 PM	6/26/2014 6:40 PM	900 S Tekoppel Avenue	11298	8420	23658	1.5	18,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	returned to normal capacity	Yes	No
W	CSS	3/27/2015 5:40 PM	3/27/2015 6:00 PM	2418 Joan Place	12417	12405	14592	0.33	100	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
W	CSS	2/10/2015 1:20 PM	2/10/2015 2:15 PM	2418 Joan Place	12417	12405	14592	0.92	75	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
W	SSS	7/4/2016 9:30 AM	7/4/2016 3:00 PM	1019 Saint George Road	9786	9785	13111	5.5	16,500	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/22/2015 9:00 AM	6/22/2015 10:30 AM	1019 Saint George Road	9786	9785	13111	1.5	100	Ground	Hydraulically Maximized	Manhole had evidence of release from rain event	Precipitation event ended and collection system returned to normal capacity	Yes	No



TABLE 3-3  
SSO and CSS Releases to Water Bodies  
January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue	
														EWSU System	Private Property
E	SSS	6/22/2019 8:00 AM	6/22/2019 7:45 PM	6601 E Oak Street	5840	5841	22948	11.75	9,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/22/2019 7:15 AM	6/22/2019 8:30 AM	711 W Mill Road	280751	3786	27329	1.25	3,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	6/22/2019 6:45 AM	6/22/2019 8:00 AM	1475 E Diamond Avenue	12210	12209	14882	1.25	3,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/16/2019 9:45 PM	6/17/2019 12:30 AM	1187 Burch Drive	10918	10923	24226	2.75	8,250	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/16/2019 9:30 PM	6/17/2019 1:00 AM	711 W Mill Road	280751	3786	27329	3.5	10,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/11/2019 3:00 PM	6/12/2019 2:30 PM	4841 Millersburg Road	6073	NA	26847	23.5	1,440	Ground / Storm Sewer	Equipment Failure	Air relief valve failed	Replaced valve	Yes	No
E	SSS	5/3/2019 7:30 AM	5/3/2019 10:45 PM	6601 E Oak Street	5840	5841	22948	15.25	29,625	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/20/2019 12:30 AM	4/20/2019 7:00 PM	6601 E Oak Street	5840	5841	22948	14.5	27,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/8/2019 8:05 AM	4/8/2019 9:00 AM	123 Fernwood Place	58407	58408	22052	0.92	110	Ground / Storm Sewer	Roots	Root infiltration	Replaced section of main sewer	Yes	No
E	SSS	3/30/2019 3:30 PM	3/30/2019 11:00 PM	6601 E Oak Street	5840	5841	22948	7.5	11,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/30/2019 3:15 PM	3/30/2019 6:15 PM	711 W Mill Road	280751	3786	27329	3	9,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/2/2019 10:30 AM	3/2/2019 12:15 PM	700 Fairway Drive	9032	9029	22433	1.75	10,500	Dry Branch Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/14/2019 1:00 PM	3/14/2019 5:00 PM	409 Strawberry Hill Road	10732	283104	15554	4	1,200	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/14/2019 8:00 AM	3/14/2019 3:00 PM	2020 S Green River Road	10097	10103	25087	7	21,000	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/14/2019 7:30 AM	3/15/2019 4:30 AM	6601 E Oak Street	5840	5841	22948	21.00	63,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/14/2019 7:00 AM	3/14/2019 5:00 PM	2024 Allens Lane	4760	131690	13561	10	30,000	Locust Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/14/2019 7:00 AM	3/14/2019 9:00 AM	99 W Diamond Avenue	15683	15677	22438	2	48,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/14/2019 4:00 AM	3/14/2019 5:00 PM	711 W Mill Road	280751	3786	27329	13	39,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	3/14/2019 3:15 AM	3/14/2019 1:30 PM	900 S Tekoppel Avenue	11298	8420	23658	12.25	24,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/20/2019 6:15 PM	2/21/2019 3:15 PM	6007 Locust Drive	NA	NA	NA	21	12,600	Ground/Locust Creek	Equipment Failure	Defective section of private sewer	Contractor replaced section of private sewer	No	Yes
W	SSS	2/20/2019 4:45 AM	2/20/2019 6:00 AM	4320 N First Avenue	283044	121061	15426	1.25	7,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/20/2019 3:15 AM	2/20/2019 6:45 AM	1187 Burch Drive	10918	10923	24226	3.5	39,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/20/2019 2:15 AM	2/20/2019 1:00 PM	6601 E Oak Street	5840	5841	22948	10.75	64,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	2/20/2019 12:30 AM	2/20/2019 6:45 AM	1475 E Diamond Avenue	12210	12209	14882	6.25	9,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/20/2019 12:15 AM	2/20/2019 9:45 AM	711 W Mill Road	280751	3786	27329	9.5	28,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/11/2019 9:00 AM	2/12/2019 7:30 AM	6601 E Oak Street	5840	5841	22948	22.5	67,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/11/2019 8:30 AM	2/12/2019 9:30 AM	1906 Oak Hill Road	5125	5124	22003	25	132,000	Pigeon Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/11/2019 8:30 AM	2/11/2019 5:00 PM	711 W Mill Road	280751	3786	27329	8.5	1,530	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/7/2019 1:30 PM	2/7/2018 7:00 PM	600 Drexel Drive	126200	280660	12994	5.5	16,500	Ground/W of Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/7/2019 12:45 PM	2/7/2018 6:45 PM	6601 E Oak Street	5840	5841	22948	6	108,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	2/7/2019 12:30 PM	2/7/2018 1:30 PM	1475 E Diamond Avenue	12210	12209	14882	1	3,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/7/2019 12:30 PM	2/7/2018 4:00 PM	4320 N First Avenue	283044	121061	15426	3.5	21,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/7/2019 12:30 PM	2/7/2018 6:00 PM	711 W Mill Road	280751	3786	27329	5.5	33,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/7/2019 12:10 PM	2/7/2018 4:45 PM	2701 Saint George Road	7451	7450	8659	5	27,500	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	2/7/2019 11:45 AM	2/7/2018 4:00 PM	900 S Tekoppel Avenue	11298	8420	23658	4.25	26,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/6/2019 10:30 AM	2/6/2019 11:15 AM	3315 Margybeth Avenue	10197	10198	23932	0.75	675	Ground/Raccoon Ditch	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No
W	SSS	1/23/2019 8:45 AM	1/23/2019 1:30 PM	600 Drexel Drive	126200	280660	12994	4.75	14,250	Ground/W of Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	1/4/2019 1:10 PM	1/4/2019 2:00 PM	600 Drexel Drive	126200	280660	12994	0.83	2,500	Ground/W of Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/31/2018 2:00 PM	12/31/2018 4:00 PM	711 W Mill Road	280751	3786	27329	2	12,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/31/2018 1:15 PM	12/31/2018 1:45 PM	99 W Diamond Avenue	15683	15677	22438	0.5	24,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/27/2018 3:30 PM	12/27/2018 4:30 PM	600 Drexel Drive	126200	280660	12994	1	3,000	Ground/W of Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	12/19/2018 7:30 PM	12/19/2018 11:30 PM	7100 E Virginia Street	279510	279504	24724	4	25	Ground / Storm Sewer	Equipment Failure	Utility crossbore in sewer	Repaired section of damaged sewer	Yes	No
E	SSS	12/15/2018 9:00 AM	12/15/2018 11:30 PM	6601 E Oak Street	5840	5841	22948	15	87,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/15/2018 7:45 AM	12/15/2018 12:00 PM	600 Drexel Drive	126200	280660	12994	4.25	12,750	Ground/W of Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/15/2018 3:05 AM	12/15/2018 6:55 AM	1187 Burch Drive	10918	10923	24226	3.83	46,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No

TABLE 3-3  
SSO and CSS Releases to Water Bodies  
January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue	
														EWSU System	Private Property
W	SSS	12/15/2018 2:30 AM	12/15/2018 6:30 AM	711 W Mill Road	280751	3786	27329	6	24,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	12/15/2018 1:00 AM	12/15/2018 2:00 AM	900 S Tekoppel Avenue	11298	8420	23658	1	12,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	11/1/2018 9:15 AM	11/1/2018 11:30 AM	6601 E Oak Street	5840	5841	22948	2	2,700	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/1/2018 9:15 AM	11/1/2018 11:30 AM	711 W Mill Road	280751	3786	27329	2.25	13,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/1/2018 7:45 AM	11/1/2018 8:30 AM	99 W Diamond Avenue	15683	15677	22438	0.75	36,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	11/1/2018 7:35 AM	11/1/2018 7:50 AM	900 S Tekoppel Avenue	11298	8420	23658	0.25	3,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	9/25/2018 1:30 PM	9/25/2018 3:30 PM	1187 Burch Drive	10918	10923	24226	2	24,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	9/25/2018 1:30 PM	9/25/2018 4:00 PM	711 W Mill Road	280751	3786	27329	2.5	15,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	9/25/2018 1:00 PM	9/25/2018 2:00 PM	1475 E Diamond Avenue	12210	12209	14882	1	7,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	9/25/2018 1:00 PM	9/25/2018 2:00 PM	99 W Diamond Avenue	15683	15677	22438	1	48,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	9/25/2018 12:45 PM	9/25/2018 2:15 PM	900 S Tekoppel Avenue	11298	8420	23658	1.5	18,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	9/25/2018 12:15 PM	9/25/2018 2:15 PM	4211 Western Avenue	11572	11576	15638	2	6,000	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	9/8/2018 12:30 PM	9/8/2018 1:30 PM	1475 E Diamond Avenue	12210	12209	14882	1	4,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	9/8/2018 12:00 PM	9/8/2018 2:00 PM	711 W Mill Road	280751	3786	27329	2	12,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	9/8/2018 11:45 AM	9/8/2018 2:00 PM	99 W Diamond Avenue	15683	15677	22438	2.25	108,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	9/8/2018 11:30 AM	9/8/2018 1:00 PM	900 S Tekoppel Avenue	11298	8420	23658	1.5	18,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	8/21/2018 5:25 PM	8/21/2018 6:05 PM	3313 Marybeth Avenue	10197	10198	23932	0.67	800	Ground/Raccoon Ditch	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No
W	SSS	7/9/2018 8:15 AM	7/9/2018 1:45 PM	3800 Western Hills Avenue	11412	283991	27227	5.5	3,300	Ground/Carpenter Creek Tributary	Equipment Failure	Defective section of main sewer	Replaced section of main sewer	Yes	No
E	SSS	6/25/2018 10:30 AM	6/25/2018 8:30 PM	6601 E Oak Street	5840	5841	22948	10	12,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	6/24/2018 9:45 PM	6/24/2018 10:15 PM	900 S Tekoppel Avenue	11298	8420	23658	0.5	6,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/12/2018 2:15 AM	6/12/2018 4:15 AM	600 Drexel Drive	126200	280660	12994	2	6,000	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/9/2018 4:00 PM	5/10/2018 9:00 AM	1407 Sandalwood Court	11362	11356	13791	17	500	Ground/Carpenter Creek Tributary	Equipment Failure	Defective section of main sewer	Replaced section of main sewer	Yes	No
W	CSS	4/3/2018 1:15 PM	4/7/2018 10:00 AM	717 S Barker Avenue	283553	8369	30079	44.75	2,800	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/2/2018 12:30 AM	4/2/2018 5:00 AM	6601 E Oak Street	5840	5841	22948	5	5,400	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/29/2018 4:00 PM	3/30/2018 1:00 PM	6601 E Oak Street	5840	5841	22948	21	25,200	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	3/29/2018 1:20 PM	3/29/2018 1:30 PM	900 S Tekoppel Avenue	11298	8420	23658	0.17	1,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/28/2018 8:45 AM	3/29/2018 2:00 PM	2550 N Baker Avenue	15680	15679	22437	29.25	93,750	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/12/2018 9:00 AM	3/12/2018 2:30 PM	8600 University Boulevard	282153	WW	28722	5.5	6,600	Ground/Carpenter Creek Tributary	Equipment Failure	Defective section of private sewer	Contractor replaced section of private sewer	No	Yes
W	SSS	3/11/2018 4:15 PM	3/11/2018 5:30 PM	7601 Clarke Lane	11303	126074	15557	1.25	750	Ground/Carpenter Creek Tributary	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No
E	SSS	2/26/2018 9:50 AM	2/26/2018 11:30 AM	1401 Southfield Road	10461	10463	7026	1.67	500	Ground / Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
E	CSS	2/24/2018 8:45 PM	2/24/2018 10:00 PM	1500 E Walnut Street	11927	11915	20332	1.25	7,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/24/2018 8:45 PM	2/24/2018 10:15 PM	1757 Jeanette Avenue	69704	10032	23290	1.5	9,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	2/24/2018 8:40 PM	2/24/2018 10:00 PM	1150 S Villa Drive	3689	282688	20021	1.33	16,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	2/24/2018 8:30 PM	2/24/2018 10:30 PM	2001 N Weinbach Avenue	5296	5302	22930	2	24,000	Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/24/2018 8:30 PM	2/24/2018 10:30 PM	4108 Western Avenue	11445	11571	15704	2	14,400	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/24/2018 8:30 PM	2/25/2018 2:00 AM	2020 S Green River Road	10097	10103	25087	5.5	13,500	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	2/24/2018 8:00 PM	2/25/2018 2:00 AM	802 S Barker Avenue	8368	8369	20640	6	72,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/24/2018 7:15 PM	2/24/2018 11:00 PM	2401 Cass Avenue	282990	282989	29577	4	11,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	2/24/2018 6:00 PM	2/24/2018 11:00 PM	1713 Richard Avenue	280925	5287	19894	5	15,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	2/24/2018 6:00 PM	2/24/2018 11:00 PM	1475 E Diamond Avenue	12210	12209	14882	5	22,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	2/24/2018 5:00 PM	2/25/2018 3:00 PM	900 S Tekoppel Avenue	11298	8420	23658	22	132,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/24/2018 5:00 PM	2/25/2018 2:30 AM	711 W Mill Road	280751	3786	27329	9.5	28,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/24/2018 9:00 AM	2/24/2018 11:00 AM	11802 N Green River Road	15232	15233	9448	2	12,000	Ground/Schlensker Ditch	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/22/2018 8:00 AM	2/26/2018 10:00 PM	6617 E Oak Street	7253	5839	14394	102	70,875	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/22/2018 8:00 AM	2/26/2018 10:00 PM	6601 E Oak Street	5840	5841	22948	102	141,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No

TABLE 3-3  
SSO and CSS Releases to Water Bodies  
January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue	
														EWSU System	Private Property
W	SSS	1/22/2018 1:20 PM	1/22/2018 2:00 PM	726 Hanover Road	9253	9229	15455	0.67	200	Ground/Storm Sewer Basement Floor/Wolf	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
W	SSS	1/22/2018 10:00 AM	1/22/2018 11:30 AM	612 Drexel Drive	126178	126177	12989	1.5	2,325	Creek Tributary	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
W	SSS	1/21/2018 11:30 AM	1/21/2018 1:30 AM	5725 N First Avenue	9268	9379	11985	2	2,400	Ground/Storm Sewer	Grease	Commercial grease waste	Sewer cleaned to remove grease	Yes	No
W	SSS	12/23/2017 1:30 AM	12/23/2017 6:00 AM	600 Drexel Drive	126200	280660	12994	4.5	13,500	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	8/6/2017 9:00 PM	8/6/2017 9:30 PM	2424 Schutte Road	15002	15001	15575	0.50	3,000	Ground/Bayou Creek Tributary	Power Failure	Power failure at station	Generator activated	Yes	No
W	SSS	7/25/2017 2:25 PM	7/25/2017 5:00 PM	1201 W Buena Vista Rd	3746	3745	11517	2.58	3,875	Ground/Dry Branch Creek	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
W	SSS	7/23/2017 7:00 AM	7/23/2017 8:45 AM	1187 Burch Drive	10918	10923	24226	1.75	21,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	7/23/2017 6:45 AM	7/23/2017 7:30 AM	900 S Tekoppel Avenue	11298	8420	23658	0.75	18,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/23/2017 11:00 AM	6/23/2017 2:00 PM	7107 Locust Tree Lane	126053	LS	12250	3	360	Ground/Bayou Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	5/5/2017 10:00 AM	5/5/2017 11:30 AM	2020 S Green River Road	10097	10103	25087	1.5	2,250	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	5/5/2017 10:00 AM	5/5/2017 2:00 PM	2401 Cass Avenue	282990	282989	29577	4	12,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/5/2017 8:00 AM	5/5/2017 1:00 PM	1187 Burch Drive	10918	10923	24226	5	30,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/5/2017 7:30 AM	5/5/2017 9:30 AM	600 Drexel Drive	126200	280660	12994	2	6,000	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	5/5/2017 7:30 AM	5/6/2017 12:30 AM	6601 E Oak Street	5840	5841	22948	17	51,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	5/5/2017 7:00 AM	5/5/2017 10:30 AM	1475 E Diamond Avenue	12210	12209	14882	3.5	15,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/29/2017 9:45 AM	4/29/2017 12:45 PM	2701 Saint George Road	7451	7450	8659	3	18,000	Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/29/2017 9:45 AM	4/29/2017 12:45 PM	2808 Longacre Drive	7331	281808	28347	3	9,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/29/2017 9:00 AM	4/30/2017 10:00 PM	6601 E Oak Street	5840	5841	22948	37	54,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/29/2017 2:00 AM	4/29/2017 6:00 PM	1187 Burch Drive	10918	10923	24226	16	96,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/29/2017 1:30 AM	4/29/2017 11:00 AM	8440 Wolf Creek Drive	280844	14951	26416	9.5	29,250	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/29/2017 1:30 AM	4/29/2017 1:00 PM	600 Drexel Drive	126200	280660	12994	11.5	51,750	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/29/2017 1:00 AM	4/29/2017 5:00 AM	4211 Western Avenue	11572	11576	15638	4	24,000	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	4/29/2017 12:45 AM	4/29/2017 9:30 AM	900 S Tekoppel Avenue	11298	8420	23658	8.75	57,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/29/2017 12:30 AM	4/29/2017 1:30 PM	711 W Mill Road	280751	3786	27329	13	25,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	4/29/2017 12:30 AM	4/29/2017 12:00 PM	1475 E Diamond Avenue	12210	12209	14882	11.5	21,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/16/2017 6:45 PM	4/16/2017 8:45 PM	1641 S Taft Avenue	283021	3364	29806	2	9,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/16/2017 5:00 PM	4/16/2017 9:00 PM	2401 Cass Avenue	282990	282989	29577	4	18,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/16/2017 4:45 PM	4/16/2017 7:45 PM	2020 S Green River Road	10097	10103	25087	3	9,000	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	4/16/2017 4:15 PM	4/16/2017 5:15 PM	600 S Barker Avenue	8406	283165	23743	1	12,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/27/2017 9:15 AM	3/27/2017 10:15 AM	1111 Schutte Road	15029	129929	15569	1	200	Ground/Carpenter Creek Tributary	Equipment Failure	Defective section of main sewer	Replaced section of main sewer	Yes	No
W	SSS	3/21/2017 8:30 AM	3/21/2017 11:30 AM	1120 N Barker Avenue	283468	8226	6493	3	3,600	Ground/Pigeon Creek Tributary	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
E	SSS	3/7/2017 2:00 PM	3/7/2017 9:00 PM	2755 Wayside Drive	7291	7290	22745	7	21,000	Ground/Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/7/2017 9:00 AM	3/7/2017 1:00 PM	4108 Western Avenue	11445	11571	15704	4	12,000	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/22/2017 9:45 AM	2/22/2017 12:00 PM	3919 W Maryland Street	128006	128007	23787	2.25	200	Ground/Carpenter Creek Tributary	Equipment Failure	Defective section of main sewer	Replaced section of main sewer	Yes	No
E	SSS	2/1/2017 11:45 AM	2/1/2017 3:30 PM	611 Sweetser Avenue	NA	NA	NA	27.75	830	Ground / Storm Sewer	Equipment Failure	Defective section of private sewer	Contact replaced section of private sewer	No	Yes
W	SSS	1/14/2017 11:45 AM	1/14/2017 2:00 PM	1000 Beale Street	11576	281888	13709	2.25	27,000	Ground/Carpenter Creek Tributary	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
W	SSS	11/28/2016 8:45 AM	11/28/2016 10:15 AM	5321 Chadwick Road	9528	9523	11684	1.5	65	Ground / Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
E	SSS	11/8/2016 12:15 AM	11/8/2016 4:30 AM	1618 Lynch Road	280687	280688	26175	4.25	51,000	Ground/Little Pigeon Creek Tributary	Equipment Failure	Broken water main damaged sewer	Replaced section of main sewer	Yes	No
W	SSS	9/12/2016 8:00 AM	9/12/2016 9:30 PM	360 S Rosenberger Avenue	283138	283137	29726	1.5	900	Ground/Storm Ditch	Grease	Residential grease waste in private sewer	Sewer cleaned to remove grease	No	Yes
E	CSS	8/10/2016 11:15 AM	8/10/2016 12:00 PM	1475 E Diamond Avenue	12210	12209	14882	0.75	3,375	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	8/3/2016 4:30 PM	8/3/2016 6:30 PM	Pollack Avenue & Lynn Road	280521	14109	25200	2	600	Ground/Eagle Creek	Grease	Residential grease waste in private sewer	Sewer cleaned to remove grease	No	Yes
E	CSS	7/27/2016 6:30 PM	7/27/2016 7:00 PM	1475 E Diamond Avenue	12210	12209	14882	0.5	2,250	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	7/4/2016 9:30 AM	7/4/2016 3:00 PM	1019 Saint George Road	9786	9785	13111	5.5	16,500	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	7/4/2016 9:30 AM	7/4/2016 3:00 PM	1187 Burch Drive	10918	10923	24226	5.5	33,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	7/4/2016 9:15 AM	7/4/2016 3:00 PM	6601 E Oak Street	5840	5841	22948	6	17,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	7/4/2016 9:00 AM	7/4/2016 12:15 PM	2020 S Green River Road	10097	10103	25087	3.25	9,750	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	7/4/2016 9:00 AM	7/4/2016 10:30 AM	711 W Mill Road	280751	3786	27329	1.5	4,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No

TABLE 3-3  
SSO and CSS Releases to Water Bodies  
January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue	
														EWSU System	Private Property
E	CSS	7/3/2016 8:00 PM	7/4/2016 11:30 AM	1713 Richardt Avenue	280925	5287	19894	15.5	18,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	7/3/2016 8:00 PM	7/4/2016 11:30 AM	1475 E Diamond Avenue	12210	12209	14882	15.5	12,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	7/3/2016 7:30 PM	7/4/2016 11:00 AM	4108 Western Avenue	11445	11571	15704	15.5	27,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	7/3/2016 7:30 PM	7/3/2016 8:00 PM	600 S Barker Avenue	8406		23743	0.5	6,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/26/2016 11:00 PM	6/27/2016 2:00 AM	1187 Burch Drive	10918	10923	24226	3	18,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	6/26/2016 10:30 PM	6/26/2016 11:45 PM	1475 E Diamond Avenue	12210	12209	14882	1.25	3,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/9/2016 12:30 PM	6/9/2016 1:30 PM	360 S Rosenberger Avenue	283138	283137	29726	1	1,500	Ground/Storm Ditch	Grease	Residential grease waste in private sewer	Sewer cleaned to remove grease	No	Yes
W	SSS	5/12/2016 3:00 AM	5/12/2016 4:10 AM	600 Drexel Drive	126200	280660	12994	1.16	7,000	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/12/2016 2:30 AM	5/12/2016 6:00 AM	1187 Burch Drive	10918	10923	24226	3.5	21,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	5/12/2016 2:30 AM	5/12/2016 6:00 AM	1475 E Diamond Avenue	12210	12209	14882	3.5	10,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/12/2016 2:00 AM	5/12/2016 6:00 AM	4108 Western Avenue	11445	11571	15704	4	12,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	5/12/2016 1:30 AM	5/12/2016 2:50 AM	900 S Tekoppel Avenue	11298	8420	23658	1.33	32,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	5/9/2016 6:10 PM	5/9/2016 7:55 PM	1251 Pollack Avenue	50147	50148	12611	1.75	210	Tributary	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No
W	SSS	5/8/2016 1:35 PM	5/8/2016 3:00 PM	6412 N First Avenue	10234	10705	10758	1.42	225	Ground/Storm Sewer	Grease	Commercial grease waste	Sewer cleaned to remove grease	Yes	No
W	SSS	4/27/2016 8:45 PM	4/27/2016 10:30 PM	4211 Western Avenue	11572	11576	15638	1.75	2,100	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	4/27/2016 7:30 PM	4/27/2016 10:30 PM	1475 E Diamond Avenue	12210	12209	14882	3	9,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/27/2016 7:30 PM	4/28/2016 1:30 AM	6601 E Oak Street	5840	5841	22948	6	36,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/27/2016 7:00 PM	4/27/2016 9:30 PM	2020 S Green River Road	10097	10103	25087	2.5	3,750	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/9/2016 12:20 PM	4/9/2016 2:00 PM	212 S Bosse Avenue	11264	11263	13399	1.67	2,000	Ground/Storm Sewer	Grease	Commercial grease waste	Sewer cleaned to remove grease	Yes	No
E	SSS	3/31/2016 12:30 PM	3/31/2016 1:30 PM	3121 E Riverside Drive	2595	2596	24027	1	12,000	Ground / Storm Sewer	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No
W	SSS	3/21/2016 3:15 PM	3/21/2016 4:15 PM	2709 N Second Avenue	282907	9073	29495	1	180	Storm Sewer	Equipment Failure	Defective section of main sewer	Replaced section of main sewer	Yes	No
W	SSS	3/11/2016 12:30 PM	3/11/2016 1:45 PM	3900 Claremont Avenue	11194	11247	13446	1.25	375	Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
E	SSS	3/10/2016 5:00 PM	3/10/2016 9:00 PM	7616 Bellemeade Avenue	7138	7105	23303	4	4,800	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/10/2016 4:30 PM	3/11/2016 7:00 PM	2808 Longacre Drive	7331	281808	28347	27	31,800	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	3/10/2016 3:15 PM	3/10/2016 6:00 PM	1475 E Diamond Avenue	12210	12209	14882	2.75	8,250	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/10/2016 1:30 PM	3/10/2016 8:00 PM	6601 E Oak Street	5840	5841	22948	7	83,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/10/2016 1:00 PM	3/10/2016 7:00 PM	4211 Western Avenue	11572	11576	15638	6	7,200	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/10/2016 2:00 PM	2/10/2016 3:00 PM	4400 Vogel Road	81287	281326	8027	1	100	Ground / Storm Sewer	Grease	Commercial grease waste	Sewer cleaned to remove grease	Yes	No
E	SSS	2/2/2016 7:45 PM	2/2/2016 11:00 AM	2401 Cass Avenue	282990	282989	29577	3	9,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/2/2016 7:45 PM	2/3/2016 1:30 AM	6601 E Oak Street	5840	5841	22948	6	34,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/2/2016 7:30 PM	2/2/2016 11:30 PM	2020 S Green River Road	10097	10103	25087	4	12,000	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/2/2016 7:30 PM	2/2/2016 11:00 PM	2333 Bergdolt Road	7381	7380	14990	3.5	10,500	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	2/2/2016 7:30 PM	2/2/2016 11:00 PM	5317 Hitch Peters Road	7480	7479	23717	3.5	15,750	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/2/2016 7:30 PM	2/2/2016 10:30 PM	711 W Mill Road	280751	3786	27329	3	13,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	2/2/2016 7:15 PM	2/2/2016 10:30 PM	4108 Western Avenue	11445	11571	15704	3.25	9,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	2/2/2016 7:15 PM	2/2/2016 7:30 PM	2001 N Weinbach Avenue	5296	5302	22930	0.25	3,000	Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	2/2/2016 7:00 PM	2/2/2016 10:00 PM	1475 E Diamond Avenue	12210	12209	14882	3	9,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	CSS	2/2/2016 6:45 PM	2/2/2016 8:15 PM	900 S Tekoppel Avenue	11298	8420	23658	1.5	36,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	12/28/2015 4:00 PM	12/29/2015 2:00 AM	6605 Lincoln Avenue	5835	281858	7370	10	30,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	12/28/2015 1:30 PM	12/28/2015 4:00 PM	1475 E Diamond Avenue	12210	12209	14882	2.5	3,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/28/2015 1:30 PM	12/28/2015 4:00 PM	711 W Mill Road	280751	3786	27329	2.5	3,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	12/28/2015 11:00 AM	12/29/2015 2:00 AM	6617 E Oak Street	7253	5839	14394	15	90,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	12/28/2015 11:00 AM	12/29/2015 2:00 AM	6601 E Oak Street	5840	5841	22948	15	90,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	12/27/2015 3:00 PM	12/27/2015 11:00 PM	6617 E Oak Street	7253	5839	14394	8	48,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	12/27/2015 3:00 PM	12/27/2015 11:00 PM	6601 E Oak Street	5840	5841	22948	8	48,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/27/2015 9:00 AM	12/27/2015 12:00 PM	4211 Western Avenue	11572	11576	15638	3	3,600	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No

TABLE 3-3  
SSO and CSS Releases to Water Bodies  
January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue	
														EWSU System	Private Property
E	SSS	12/26/2015 7:45 AM	12/26/2015 9:00 AM	300 S Royal Avenue	6013	6016	23532	1.25	150	Ground / Storm Sewer	Roots	Root infiltration	Replaced section of main sewer	Yes	No
W	SSS	12/23/2015 4:45 PM	12/23/2015 6:00 PM	711 W Mill Road	280751	3786	27329	2	3,750	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/23/2015 2:05 PM	12/23/2015 6:00 PM	4108 Western Avenue	11445	11571	15704	3.92	7,050	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/23/2015 2:05 PM	12/23/2015 6:00 PM	4211 Western Avenue	11572	11576	15638	3.92	4,700	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/23/2015 2:00 PM	12/23/2015 3:00 PM	2524 N Baker Avenue	15679	15678	22436	1	12,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/17/2015 9:00 AM	11/17/2015 11:00 AM	711 W Mill Road	280751	3786	27329	2	6,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/17/2015 8:35 AM	11/17/2015 10:30 AM	4108 Western Avenue	11445	11571	15704	1.92	5,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/17/2015 8:30 AM	11/17/2015 10:30 AM	4211 Western Avenue	11572	11576	15638	2	6,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/17/2015 8:00 AM	11/17/2015 9:00 AM	2524 N Baker Avenue	15679	15678	22436	1	12,000	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/17/2015 7:45 AM	11/17/2015 9:00 AM	2550 N Baker Avenue	15680	15679	22437	1.25	18,750	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/6/2015 12:15 AM	11/6/2015 2:30 AM	2550 N Baker Avenue	15680	15679	22437	2.25	33,750	Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	8/6/2015 2:55 AM	8/6/2015 5:00 AM	600 Drexel Drive	126200	280660	12994	2.08	6,250	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	7/10/2015 8:30 AM	7/10/2015 8:00 PM	6617 E Oak Street	7253	5839	14394	11.5	34,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	7/10/2015 8:30 AM	7/10/2015 7:00 PM	6601 E Oak Street	5840	5841	22948	10.5	31,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	7/10/2015 8:30 AM	7/10/2015 8:50 AM	726 Hanover Road	9253	9229	15455	0.33	1,000	Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
E	SSS	7/10/2015 8:25 AM	7/10/2015 8:30 AM	7301 Lincoln Avenue	7209	7210	15116	0.08	250	Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Pumps adjusted to meet discharge capacity	Yes	No
E	SSS	7/8/2015 9:30 AM	7/8/2015 11:00 AM	106 Harrison Boulevard	6296	6293	21909	1.5	100	Ground/Harper Ditch	Equipment Failure	Defective section of main sewer	Utility to replace section of sewer	Yes	No
E	SSS	7/7/2015 3:30 PM	7/7/2015 10:00 PM	6617 E Oak Street	7253	5839	14394	6.5	39,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	7/7/2015 3:30 PM	7/7/2015 10:00 PM	6601 E Oak Street	5840	5841	22948	6.5	39,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	7/7/2015 3:30 PM	7/7/2015 4:30 PM	4211 Western Avenue	11572	11576	15638	1	3,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	7/7/2015 3:30 PM	7/7/2015 4:30 PM	1475 E Diamond Avenue	12210	12209	14882	1	3,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	7/3/2015 7:00 PM	7/4/2015 12:00 PM	3204 Martin Avenue	8920	8921	20692	17	1,020	Ground/Storm Sewer	Roots	Root infiltration	Replaced section of main sewer	Yes	No
W	SSS	6/20/2015 8:30 AM	6/20/2015 9:30 AM	11802 N Green River Road	15232	15233	9448	1	3,000	Ground/Schlenker Ditch	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/20/2015 12:30 AM	6/20/2015 8:00 AM	1187 Burch Drive	10918	10923	24226	7.5	45,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/20/2015 12:00 AM	6/20/2015 4:00 PM	6617 E Oak Street	7253	5839	14394	16.0	96,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/20/2015 12:00 AM	6/20/2015 4:00 PM	6601 E Oak Street	5840	5841	22948	16.0	96,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/20/2015 12:00 AM	6/20/2015 5:00 AM	1757 Jeanette Avenue	69704	10032	23290	5	30,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	6/20/2015 12:00 AM	6/20/2015 6:30 AM	2020 S Green River Road	10097	10103	25087	6.5	19,500	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/19/2015 11:45 PM	6/20/2015 5:00 AM	600 Drexel Drive	126200	280660	12994	5.25	15,750	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/19/2015 11:30 PM	6/20/2015 5:30 AM	711 W Mill Road	280751	3786	27329	6	36,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	6/19/2015 11:00 PM	6/20/2015 5:00 AM	1713 Richardt Avenue	280925	5287	19894	6	3,600	Ground	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/19/2015 10:30 PM	6/20/2015 5:30 AM	4211 Western Avenue	11572	11576	15638	7	21,000	Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	6/19/2015 10:30 PM	6/20/2015 5:00 AM	1475 E Diamond Avenue	12210	12209	14882	6.5	19,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	5/28/2015 10:45 AM	5/28/2015 3:30 PM	6815 Broadway Avenue	NA	NA	12780	4.75	42,750	Ground/Bayou Creek Tributary	Construction Related	Soil boring contractor damaged 12" force main sewer	Private contractor replaced section of damaged force main	Yes	No
W	SSS	5/19/2015 2:30 PM	5/19/2015 3:30 PM	5637 Forest Avenue	14354	14350	13982	1	600	Garage Floor Drain / Private Lake	Grease	Commercial grease waste	Sewer cleaned to remove grease	Yes	No
W	SSS	4/21/2015 8:00 AM	4/21/2015 5:30 PM	8501 N Green River Road	12746	15465	8506	9.5	300	Basement Floor / Firlick Creek Tributary	Construction Related	Construction Related	Private contractor replaced section of damaged main sewer	Yes	No
W	SSS	4/19/2015 10:30 AM	4/19/2015 8:30 PM	711 W Mill Road	280751	3786	27329	10	12,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/10/2015 11:30 AM	4/10/2015 3:00 PM	8200 Heather Place	127197	127187	12287	3.5	420	Ground/Little Pigeon Creek Tributary	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
W	SSS	4/10/2015 12:45 AM	4/10/2015 2:00 AM	711 W Mill Road	280751	3786	27329	1.25	7,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/6/2015 8:15 PM	4/6/2015 8:45 PM	6401 Broadway Avenue	132907	282777	29367	0.5	8,000	Basement Floor / Bayou Creek Tributary	Equipment Failure	Increased flow conditions overloaded bypass pump	Bypass ppump speed increased	Yes	No
E	SSS	4/3/2015 2:00 PM	4/3/2015 3:15 PM	6223 Twickingham Drive	11087	NA	8104	1.25	150	Ground/Little Pigeon Creek Tributary	Equipment Failure	Tangled pump float cords at Twickingham lift station	Crew untangled pump float cords	Yes	No
E	SSS	4/3/2015 4:30 AM	4/4/2015 1:45 AM	6617 E Oak Street	7253	5839	14394	21.3	109,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	4/3/2015 4:30 AM	4/4/2015 2:00 AM	6601 E Oak Street	5840	5841	22948	21.5	111,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/3/2015 3:30 AM	4/3/2015 3:00 PM	4211 Western Avenue	11572	11576	15638	11.5	31,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/3/2015 3:15 AM	4/3/2015 4:00 PM	711 W Mill Road	280751	3786	27329	12.75	83,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No

TABLE 3-3  
SSO and CSS Releases to Water Bodies  
January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue	
														EWSU System	Private Property
E	CSS	4/3/2015 3:00 AM	4/3/2015 3:30 PM	1475 E Diamond Avenue	12210	12209	14882	12.5	28,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	4/1/2015 3:10 PM	4/1/2015 3:50 PM	829 Harmon Court	9823	9658	21671	0.67	60	Ground/Private Lake	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
W	SSS	3/26/2015 7:00 AM	3/26/2015 8:45 AM	4900 Stratford Road	9203	9200	11724	1.75	1,050	Storm Sewer	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No
E	SSS	3/14/2015 4:15 AM	3/14/2015 9:30 AM	7301 Lincoln Avenue	7209	7210	15116	5.25	15,750	Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	SSS	3/13/2015 1:30 PM	3/15/2015 1:00 AM	6617 E Oak Street	7253	5839	14394	35.5	213,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/13/2015 1:15 PM	3/15/2015 1:00 AM	6601 E Oak Street	5840	5841	22948	35.8	214,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/13/2015 11:00 AM	3/14/2015 6:00 AM	1187 Burch Drive	10918	10923	24226	19	85,500	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	3/13/2015 11:00 AM	3/13/2015 7:30 PM	1475 E Diamond Avenue	12210	12209	14882	8.5	25,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/13/2015 10:30 AM	3/14/2015 8:30 AM	711 W Mill Road	280751	3786	27329	22	132,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/13/2015 10:00 AM	3/14/2015 7:00 AM	4211 Western Avenue	11572	11576	15638	21	63,000	Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/10/2015 1:00 PM	3/10/2015 5:30 PM	1187 Burch Drive	10918	10923	24226	4.5	27,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/10/2015 12:00 PM	3/10/2015 11:00 PM	6617 E Oak Street	7253	5839	14394	11.00	66,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/10/2015 12:00 PM	3/10/2015 11:00 PM	6601 E Oak Street	5840	5841	22948	11.0	66,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/10/2015 12:00 PM	3/10/2015 5:15 PM	711 W Mill Road	280751	3786	27329	5.25	31,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/10/2015 12:00 PM	3/10/2015 2:00 PM	4211 Western Avenue	11572	11576	15638	2	6,000	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	3/10/2015 11:30 AM	3/10/2015 3:30 PM	1475 E Diamond Avenue	12210	12209	14882	4	12,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/4/2015 1:00 AM	3/4/2015 4:45 PM	544 Wilson Square	7235	7234	22509	3.75	11,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/4/2015 12:15 AM	3/4/2015 11:00 PM	6616 Lincoln Avenue	5839	5840	14395	23	68,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	3/4/2015 12:00 AM	3/4/2015 11:00 PM	6601 E Oak Street	5840	5841	22948	23.0	41,400	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/3/2015 11:45 PM	3/4/2015 11:30 AM	4211 Western Avenue	11572	11576	15638	11.75	35,250	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/3/2015 11:45 PM	3/4/2015 1:30 PM	711 W Mill Road	280751	3786	27329	13.75	82,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/3/2015 10:40 PM	3/4/2015 12:25 AM	600 Drexel Drive	126200	280660	12994	1.75	5,250	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	3/3/2015 8:20 PM	3/3/2015 7:40 PM	5705 N First Avenue	9267	9260	16542	1.33	4,000	Ground/Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
W	SSS	2/1/2015 3:25 PM	2/1/2015 4:55 PM	3220 Mount Vernon Avenue	8909	8908	21615	1.5	3,600	Ground/Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
W	SSS	1/31/2015 11:30 AM	1/31/2015 1:15 PM	3204 Martin Avenue	8921	8907	19701	1.75	2,625	Ground/Storm Sewer	Roots	Root infiltration	Replaced section of main sewer	Yes	No
W	SSS	1/21/2015 4:55 PM	1/21/2015 6:00 PM	813 Stonebridge Road	10659	10660	22417	1.08	65	Ground/Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
W	SSS	1/3/2015 10:15 AM	1/3/2015 12:30 PM	4211 Western Avenue	11572	11576	15638	2.25	6,750	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	1/3/2015 10:00 AM	1/3/2015 12:00 PM	1475 E Diamond Avenue	12210	12209	14882	2	6,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	1/3/2015 10:00 AM	1/3/2015 2:15 PM	711 W Mill Road	280751	3786	27329	4.25	25,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/5/2014 5:30 PM	12/5/2014 6:45 PM	4211 Western Avenue	11572	11576	15638	1.25	3,750	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	12/5/2014 5:30 PM	12/5/2014 6:15 PM	1475 E Diamond Avenue	12210	12209	14882	0.75	2,250	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	12/5/2014 5:15 PM	12/5/2014 7:00 PM	711 W Mill Road	280751	3786	27329	1.75	10,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	11/25/2014 2:45 PM	11/25/2014 3:30 PM	1806 Grove Street	7638	4849	29097	0.75	45,000	Ground/Pigeon Creek	Maximized	Collection System hydraulically Maximized	Manhole cover secured to casting	Yes	No
W	SSS	11/12/2014 4:15 PM	11/12/2014 5:15 PM	212 Lexington Road	4054	3761	11548	1	600	Ground/Storm Sewer	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
E	SSS	11/10/2014 7:45 AM	11/10/2014 9:00 AM	3315 Margybeth Avenue	10197	10198	23932	1.25	1,500	Ground/Raccoon Ditch	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No
E	CSS	11/1/2014 11:00 AM	11/1/2014 1:00 PM	2401 Cass Avenue	282990	282989	29577	2	24,000	Ground/Storm Sewer	Construction Related	Contractor damaged 8" water main that inundated the CSS	Contractor shut down and repaired broken water main	Yes	No
W	SSS	10/13/2014 6:15 PM	10/13/2014 7:15 PM	4211 Western Avenue	11572	11576	15638	1	1,500	Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	SSS	9/2/2014 9:15 AM	9/2/2014 10:15 AM	2608 Jeanette Avenue	80462	2634	22022	1	1,500	Ground/Storm Sewer	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No
W	CSS	8/28/2014 7:00 PM	8/28/2014 7:25 PM	799 E Diamond Avenue	7603	12070	19983	0.42	7,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	8/28/2014 7:00 PM	8/28/2014 8:30 PM	1475 E Diamond Avenue	12210	12209	14882	1.5	4,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	8/21/2014 2:10 PM	8/21/2014 3:15 PM	7709 Oak Hill Road	84322	84323	8419	1.08	6,500	Ground/Firlick Creek Tributary	Debris	Debris in sewer	Sewer cleaned to remove debris	Yes	No
W	SSS	8/17/2014 9:00 AM	8/17/2014 11:10 AM	711 W Mill Road	280751	3786	27329	2.16	13,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	8/17/2014 8:40 AM	8/17/2014 11:15 AM	1475 E Diamond Avenue	12210	12209	14882	2.58	7,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	8/17/2014 8:30 AM	8/17/2014 10:00 AM	4211 Western Avenue	11572	11576	15638	1.5	6,750	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	8/17/2014 8:30 AM	8/17/2014 11:00 AM	700 Fairway Drive	9032	9029	22433	2.5	7,500	Dry Branch Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	8/13/2014 3:15 PM	8/13/2014 7:30 PM	615 Crestmont Drive	126189	126186	13008	4.25	510	Ground/Wolf Creek Tributary	Roots	Root infiltration	Replaced section of main sewer	Yes	No
W	SSS	7/1/2014 6:50 PM	7/1/2014 8:25 PM	600 Drexel Drive	126200	280660	12994	1.58	1,900	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	7/1/2014 6:30 PM	7/1/2014 10:45 PM	711 W Mill Road	280751	3786	27329	4.25	25,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
E	CSS	7/1/2014 6:30 PM	7/1/2014 8:20 PM	1475 E Diamond Avenue	12210	12209	14882	1.83	5,500	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No

TABLE 3-3  
SSO and CSS Releases to Water Bodies  
January 1, 2019 through June 30, 2019 Reporting Period and Preceding 5 Year Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue	
														EWSU System	Private Property
W	SSS	7/1/2014 6:15 PM	7/1/2014 10:30 PM	4211 Western Avenue	11572	11576	15638	4.25	19,125	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Precipitation event ended and collection system returned to normal capacity	Yes	No
W	SSS	6/26/2014 5:30 PM	6/26/2014 7:00 PM	4211 Western Avenue	11572	11576	15638	1.5	6,750	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	CSS	6/26/2014 5:10 PM	6/26/2014 6:40 PM	900 S Tekoppel Avenue	11298	8420	23658	1.5	18,000	Ground/Howell Wetland	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	6/4/2014 6:15 PM	6/4/2014 7:45 PM	4211 Western Avenue	11572	11576	15638	1.5	6,750	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	CSS	6/4/2014 6:15 PM	6/4/2014 7:20 PM	1475 E Diamond Avenue	12210	12209	14882	1.08	2,750	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	SSS	6/4/2014 6:15 PM	6/4/2014 8:20 PM	2020 S Green River Road	10097	10103	25087	2.08	6,250	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	6/4/2014 6:10 PM	6/4/2014 7:25 PM	711 W Mill Road	280751	3786	27329	1.25	7,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	5/24/2014 7:45 AM	5/24/2014 11:45 AM	1528 Briston Road	14517	NA	11898	4	100	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Debris in sewer	Yes	No
E	SSS	5/21/2014 3:50 PM	5/21/2014 5:30 PM	3528 Taylor Avenue	3471	3472	15003	1.67	300	Ground/Storm Sewer	Hydraulically Maximized	Commercial grease waste	Sewer cleaned to remove grease	Yes	No
W	SSS	5/14/2014 5:30 PM	5/14/2014 8:30 PM	4211 Western Avenue	11572	11576	15638	3	13,500	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	CSS	5/14/2014 5:15 PM	5/14/2014 8:00 PM	1475 E Diamond Avenue	12210	12209	14882	2.75	8,250	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	5/14/2014 5:00 PM	5/14/2014 7:30 PM	700 Fairway Drive	9032	9029	22433	2.5	7,500	Dry Branch Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	5/14/2014 5:00 PM	5/14/2014 8:30 PM	601 W Mill Road	3785	3786	27336	3.5	5,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	5/14/2014 5:00 PM	5/14/2014 9:15 PM	711 W Mill Road	280751	3786	27329	4.25	25,500	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	5/9/2014 5:35 PM	5/9/2014 7:00 PM	711 W Mill Road	280751	3786	27329	1.42	1,700	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	SSS	4/28/2014 7:00 AM	4/28/2014 11:00 AM	6601 E Oak Street	5840	5841	22948	4.0	2,400	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	SSS	4/28/2014 7:00 AM	4/28/2014 1:00 PM	501 Plaza Drive	7236	7233	22506	6	18,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	4/28/2014 6:00 PM	4/28/2014 8:30 PM	4211 Western Avenue	11572	11576	15638	2.5	11,250	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	4/28/2014 6:00 PM	4/28/2014 10:00 PM	700 Fairway Drive	9032	9029	22433	4	12,000	Dry Branch Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	4/28/2014 6:00 PM	4/28/2014 10:00 PM	711 W Mill Road	280751	3786	27329	4	24,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	4/28/2014 6:00 PM	4/28/2014 8:30 PM	1187 Burch Drive	10918	10923	24226	2.5	15,000	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	SSS	4/27/2014 2:30 PM	4/27/2014 3:20 PM	600 Normandy Drive	6161	6158	6768	0.83	500	Ground/Storm Ditch	Hydraulically Maximized	Residential grease waste in private sewer	Grease removed by private contractor	No	Yes
W	SSS	4/7/2014 12:45 PM	4/7/2014 4:50 PM	711 W Mill Road	280751	3786	27329	4.08	12,240	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	SSS	4/3/2014 11:00 PM	4/4/2014 3:00 AM	2301 Saint George Road	7487	7486	15695	4	48,000	Ground/Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	CSS	4/3/2014 11:00 PM	4/4/2014 4:00 AM	1150 S Villa Drive	3689	3282	20021	4	48,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	SSS	4/3/2014 11:00 PM	4/4/2014 2:00 PM	2020 S Green River Road	10097	10103	25087	15	78,000	Ground/Eagle Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	SSS	4/3/2014 11:00 PM	4/4/2014 5:00 AM	1733 Burdette Avenue	10050	10051	5581	6	36,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	SSS	4/3/2014 11:00 PM	4/4/2014 5:00 AM	1757 Jeanette Avenue	69704	10032	23290	6	36,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	CSS	4/3/2014 11:00 PM	4/4/2014 3:00 AM	2001 N Weinbach Avenue	5296	5302	22930	4	48,000	Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	SSS	4/3/2014 11:00 PM	4/4/2014 4:00 AM	2929 Woodside Court	12613	12615	6119	5	7500	Ground/Licking Creek	Power Failure	Lost external power causing power loss to Wazny Way Lift Station.	Power restored to station	Yes	No
W	SSS	4/3/2014 5:30 PM	4/4/2014 9:00 AM	600 Drexel Drive	126174	126173	12992	15.5	9,300	Ground/Wolf Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	4/3/2014 4:30 PM	4/4/2014 12:00 PM	1187 Burch Drive	10918	10923	24226	19.5	175,500	Ground/Little Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	4/3/2014 1:30 PM	4/4/2014 11:00 AM	734 Titan Drive	CO	13649	10640	21.5	32,250	Ground/Pigeon Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	SSS	4/3/2014 11:30 AM	4/5/2014 2:00 PM	6601 E Oak Street	5840	5841	22948	50.5	90,900	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	SSS	4/3/2014 11:30 AM	4/5/2014 3:30 PM	501 Plaza Drive	7236	7233	22506	52.00	156,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	4/3/2014 11:00 AM	4/4/2014 11:00 AM	4211 Western Avenue	11572	11576	15638	24	108,000	Ground/Carpenter Creek Tributary	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	4/3/2014 10:30 AM	4/4/2014 6:00 PM	700 Fairway Drive	9032	9029	22433	31.5	94,500	Dry Branch Creek	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	4/3/2014 10:30 AM	4/4/2014 12:00 PM	601 W Mill Road	3785	3786	27336	25.5	38,250	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
W	SSS	4/3/2014 10:30 AM	4/4/2014 12:00 PM	711 W Mill Road	280751	3786	27329	25.5	153,000	Ground / Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	CSS	4/3/2014 10:30 AM	4/4/2014 8:30 AM	1475 E Diamond Avenue	12210	12209	14882	22	66,000	Ground/Storm Sewer	Hydraulically Maximized	Collection System hydraulically Maximized	Modeling being conducted for Collection System	Yes	No
E	SSS	3/25/2014 7:50 PM	3/25/2014 9:00 PM	225 S Cullen Avenue	6077	281263	6888	1.17	50	Street/Storm Sewer	Hydraulically Maximized	Debris in sewer	Sewer cleaned to remove debris	Yes	No
W	SSS	3/24/2014 3:45 PM	3/24/2014 4:50 PM	3301 N First Avenue	9151	9032	11435	1.08	650	Creek	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No
E	SSS	1/1/2014 5:45 PM	1/1/2014 7:55 PM	3430 Taylor Avenue	3471	3472	15003	2.17	6,500	Storm Sewer	Grease	Commercial grease waste	Sewer cleaned to remove roots	Yes	No
W	SSS	1/2/2014 9:30 AM	1/2/2014 10:35 PM	7 N Caranza Drive	13639	13640	12711	1.08	1,625	Ground/Pigeon Creek Tributary	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No



**TABLE 3-4**  
 CCTV Inspections at SSO or CSS Release Locations  
 January 1, 2019 through June 30, 2019 Reporting Period

System	Sewershed	Start Date	End Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Affected Area	Cause	Cause Description	Action	Source of Issue	
														EWSU System	Private Property
W	SSS	6/30/2019 7:45 PM	6/30/2019 11:45 PM	5900 Twickingham Drive	7568	11083	8094	4	200	Basement Floor Ground / Pigeon Creek Tributary	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
W	SSS	4/8/2019 8:05 AM	4/8/2019 9:00 AM	123 Fernwood Place	58407	58408	22052	0.92	110	Ground	Roots	Root infiltration	Replaced section of main sewer	Yes	No
W	SSS	3/21/2019 9:45 PM	3/26/2019 3:45 PM	1500 Russell Avenue	8146	8147	6455	5.5	660	Ground	Roots	Root Infiltration	Utility replaced sections of main sewer	Yes	No
E	SSS	2/6/2019 10:30 AM	2/6/2019 11:15 AM	3315 Margybeth Avenue	10197	10198	23932	0.75	675	Ground/Raccoon Ditch	Grease	Residential grease waste	Sewer cleaned to remove grease	Yes	No
W	SSS	2/2/2019 4:30 PM	2/2/2019 5:00 PM	2618 Glenview Drive	4629	4630	24422	0.5	60	Ground	Roots	Root infiltration	Sewer cleaned to remove roots	Yes	No
W	SSS	1/7/2019 8:00 AM	1/7/2019 2:30 PM	4016 W Maryland Street	11603	11445	23780	6.5	300	Ground	Rags	Utility main obstructed with rags	Sewer cleaned to remove rags	Yes	No



**TABLE 7-1**

Updated Food Establishment Listing  
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<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
11th Frame Lounge	1801 W Franklin St	47712
2121 North Commons	2121 N Green River Rd	47715
711 Tavern	711 E Virginia St	47711
A. Schulman	15000 Highway 41	47725
Acropolis	501 N Green River Rd	47715
Aihua International Market	1624 N Green River Rd	47715
ALS 1st Ave	3013 First Ave	47710
ALS Diamond	2319 Stringtown Rd	47711
Always Open	3025 N St Joseph Ave	47720
AMC Theatres Evansville 16	5600 Pearl Dr	47712
American Legion #265	1301 N Fares Ave.	47711
American Legion Post #354	1127 Chestnut St	47713
AMF Arc Lanes	4901 Monroe Ave	47715
Amvets Post #84	2912 Broadway Ave	47712
Amy's Place	1418 W Franklin Ave	47710
Angelo's Italian Restaurant	305 Main St	47708
Applebee's	5100 Morgan Ave	47715
Applebee's	5727 Pearl Dr	47712
Arby's #5132	1340 N Green River Rd	47715
Arby's #5754	4650 University Dr	47712
Arby's #6004	19620 Highway 41	47725
Arby's #7255	3600 First Ave	47710
Arby's #7815	6100 E Lloyd Expressway	47715
Army National Guard Armory	3300 Division St	47715
Atria Senior Living	5311 Rosebud Ln	47630
Auntie Anne's	800 N Green River Rd	47715
Autumn Barn Farms	5922 Vogel Road	47715
Azteca LLC	1212 Washington Sq	47715
Azzip Pizza	5225 Pearl Dr Suite E	47712
Backstage Bar & Grill	524 Main St	47708
Bandana's Bar-B-Q	6636 Logan Dr	47715
Bar Louie	7700 Eagle Crest Blvd	47715
Barnes & Noble Bookstore	624 S Green River Rd	47715
Baskin Robbins	848 S Green River Rd	47715
Bauers Grove Bauerhaus	13605 Darmstadt Rd	47725
Baymont Inn & Suites	8005 Division St	47715
Be Happy Pie Company	2818 B Mount Vernon Ave	47712
Ben's Soft Pretzels	2622 Menards Dr	47715
Bethel Manor	6015 Kratzville Rd	47710
Big Bang Mongolian Grill	2013 N Green River Rd	47715
Big M's Pizzeria	1313 First Ave	47710
Big Top	1213 W Maryland St	47710

**TABLE 7-1**

Updated Food Establishment Listing  
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<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
Bits & Bytes	216 NW Fourth St	47708
BJ's Brewhouse	1000 N Green River RD	47715
Blimpie Subs & Salads - PPG	424 E Inglefield Rd	47725
Bob Evans #132	1125 N Green River Rd	47715
Bob's Gym	200 N Rosenberger Ave	47712
Bob's Gym & Fitness Center	8700 N Kentucky Ave	47725
Bob's Lounge	907 N Fares Ave	47711
Bob's Gym East	345 Bentee Wes Ct	47715
Bob's Gym- Perfectly Fresh Foods	120 N Rosenberger Ave	47712
Bokeh Lounge	1007 Parrett St	47713
Bombay Spice Bar and Grill	1003 E Diamond Ave	47711
Bonkers	11901 Petersburg Rd	47725
Boss Hawgs Old Fashion Smoke House	2020 Stringtown Rd	47711
Bosse Field/ Evansville Otters	1701 N Main St	47711
Bosse High School	1300 Washington Ave	47714
Bourbon Street Grill	800 N Green River Rd	47715
Braun's Nursing Home	909 First Ave	47710
Break Time Bar & Grill	1323 S Barker Ave	47712
Brookdale Senior Living Center	6521 Greendale Dr	47711
Bru Burger Bar	222 Sycamore St	47708
Bucks Tavern of Evansville LLC	1015 N Fulton Ave	47710
Bud's Rockin' Country Bar & Grill	2116 W Franklin St	47712
Buehlers Buy Low #452	2220 E Morgan Ave	47711
Buehlers Buy Low #456	12500 N Highway 41	47725
Buehlers IGA #453	4635 First Ave	47710
Buehlers Buy Low #466	200 N Main St	47714
Buffalo Wild Wings #45	715 N Green River Rd	47715
Buffalo Wild Wings #50	5405 Pearl Dr	47712
Burdette Pool	5301 Nurrenbern Rd	47712
Burger Bank	1617 S Weinbach Ave	47714
Burger King	1100 Hirschland Rd	47715
Burger King	2501 Menards Dr	47715
Burger King #1264	4400 First Ave	47710
Burger King #2243	1301 Covert Ave	47714
Burger King #7136	4400 W Lloyd Expressway	47712
By the Slice	2011 Lincoln Ave	47714
Cafe Arazu	415 Main St	47708
Cambridge Golf Course	1034 Beacon Hill Dr	47725
Canton Inn	947 North Park Dr	47710
Captain D's #3731	1200 Covert Ave	47714
Carne Asada LLC	1354 E Division St	47711
Carousel	5115 Monroe Ave	47715

**TABLE 7-1**

Updated Food Establishment Listing  
 January 1, 2019 through June 30, 2019 Reporting Period

<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
Carver Community Center	400 SE Eighth St	47713
Casey's General Store #2228	1900 Oak Hill Rd	47711
Casey's General Store #2296	3100 N St. Joseph Ave	47720
Casey's General Store #3073	2020 S Green River Rd	47715
Catfish Willy's: Seafood & Crab Shack	5720 E Virginia St	47715
Caze School	2013 S Green River Rd	47715
Cedar Hall Community School	2100 N Fulton Ave	47710
Center For Hope Church	808 SE 3rd St	47713
Central High School	5400 First Ave	47710
Central United Methodist	300 Mary St	47710
Charles Denby Post #2953	1800 Pollack Ave	47714
Charlie's Café	315 E Diamond Ave	47711
Chava's Mexican Grill	4202A First Ave	47710
Cheddar's	2100 N Green River Rd	47715
Chicken N' Salsa	122 N Weinbach Ave	47711
Chick-fil-A	7101 E Indiana St	47715
Chick-fil-A	800 N Green River Rd	47715
Chili's Grill & Bar #900	600 N Green River Rd	47715
China Experience & Yihi Japan	800 N Green River Rd	47715
China Express	1505 S Governor St	47713
China Garden	501 N Main St	47711
China King	590 E Diamond Ave	47711
China Lu Market	4604 Vogel Rd	47715
Chipotle Mexican Grill	499 N Green River Rd Ste A	47715
Chopstick House	5412 E Indiana St	47715
Christ The King	3101 Bayard Park Dr	47714
Chuck E Cheese's	559 N Green River Rd	47715
Chuckles Shell Food Mart #12	1601 S Green River Rd	47715
Chuckles Shell Food Mart #11	501 N Fares Ave	47711
CiCi's Pizza	101 N Green River Rd	47715
Circle K #104/ Windmill Bakery	6801 Highway 41	47711
Circle S Mart # 41	11001 Highway 41	47725
Cisse's Bread Bakery	4711 Bayard Park Dr	47715
City View at Sterling Square	210 N Fulton	47710
CK Newsome Ctr/Lincoln Senior Citizens	100 E Walnut St	47708
Clarion Inn	5538 E Indiana St	47715
Cleavers	5501 E Indiana St	47715
Clubhouse Cafe	2518 Leisure Lane	47720
Coconut Cafe @ Walther's Golf-N-Fun Center	2301 N First Ave	47710
Cold Stone Creamery #2123	5435 Pearl Dr	47712
Columbia Healthcare Center	621 W Columbia St	47710
Comfort by the Cross Eyed Cricket	228 Main St	47708

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Updated Food Establishment Listing  
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<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
Comfort Inn & Suites	3901 N Highway 41	47711
Comfort Inn East	8331 Walnut St	47715
Conoco	1921 E Franklin St	47711
Conoco	1641 S Kentucky Ave	47714
Cookies by Design	419 Metro Ave	47715
Cork 'N Cleaver	650 S Hebron Ave	47714
Corner Bar & Grill	2668 Mt Vernon Ave	47712
Corner Pocket	1819 N Fulton Ave	47710
Corpus Christi School	5528 Hogue Rd	47712
Country Inn and Suites	301 Circle Front Dr	47715
Courtyard by Marriott	8105 E Walnut St	47715
Covert Una Pizza	2950 Covert Ave	47714
Cracker Barrel Old Country Store #216	8215 Eagle Lake Dr	47715
Crazy Buffet	619 N Burkhardt Rd	47715
Cross-Eyed Cricket	2101 W Pennsylvania St	47712
Crossroads IGA	6401 N Green River Rd	47725
Culver Family Learning Center	1301 Judson St	47713
Culver's	1734 Hirschland Rd	47715
Culver's	4850 W Lloyd Expressway	47712
Daily's Cakes	701 N Main St	47711
Dairy Mart	2345 Covert Ave	47714
Dairy Queen	2720 N Green River Rd	47715
Dairy Queen	5200 Division St	47715
Dairy Queen	1159 E Virginia St	47711
Dairy Queen	901 W Franklin St	47710
Dairy Queen	4140 First Ave	47710
Dairy Queen	4830 University Dr	47712
Daniel Wertz School	1701 S Redbank Rd	47712
Darmstadt Inn	13130 Darmstadt Rd	47725
Daves Sportsden	701 N Weinbach Ave #110	47711
Deaconess Child Care Center	235 W Iowa St	47710
Deaconess Cross Pointe	7200 E Indiana St	47715
Deaconess Health System	600 Mary St	47710
DeerHead Sidewalk Cafe	222 E Columbia St	47711
Delaware School	700 N Garvin St	47711
Denny's #397	3901 N Highway 41	47711
Denny's #244	351 N Green River Rd	47715
Denny's #290	5212 Weston Rd	47712
Denny's #316	19501 Elpers Rd	47725
Dexter School	951 Dexter Ave	47714
Diamond Lanes	2400 N Highway 41	47711
D-ICE	800 N Green River Rd	47715

**TABLE 7-1**

Updated Food Establishment Listing  
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<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
Dilegge's Restaurant	607 N Main St	47711
Doc's	1305 N Stringtown Rd	47711
Domino's	1940 N Green River Rd	47715
Domino's Pizza #2570	600 N Weinbach Ave	47711
Domino's Pizza #2571	1304 S Green River Rd	47715
Domino's Pizza #2574	5714 First Ave	47710
Domino's Pizza #2577	421 N St Joseph Ave	47712
Domino's Pizza #2578	2101 S Weinbach Ave	47714
Donut Bank	210 N St Joseph Ave	47712
Donut Bank	1031 E Diamond Ave	47711
Donut Bank	5 N Green River Rd	47715
Donut Bank	2128 First Ave	47710
Donut Bank	1200 Lincoln Ave	47714
Donut Bank	1950 Washington Ave	47714
Double Tree by Hilton	601 Walnut St	47708
Downtown Grocery Outlet	535 Lincoln Ave	47713
Dream Center	16 W Morgan Ave	47710
Drury Inn & Suites - Evansville East	100 Cross Point Blvd	47715
Dunkin Donuts	3960 N First Ave	47710
Dunkin Donuts	750 N Green River Rd	47715
Eagle Valley Golf Course	10350 Petersburg Rd	47725
Econo Lodge Inn & Suites	1930 Cross Point Blvd	47715
El Charro	720 Sonntag Ave	47712
El Paisano Grocery Taqueria	225 S Green River Rd	47714
El Patron	943 North Park Dr	47710
El Rio Mexican Restaurant	1919 N Green River Rd	47715
Emge Deli & Ice Cream	206/208 Main St	47708
Empty Nester's Enterprises	815 John St	47713
Eurest Dining/Mead Jo	2400 W Lloyd Expressway	47712
Evans School	837 Tulip Ave	47711
Evansville Athletic Club	321 W Oregon St	47710
Evansville Christian Life	509 S Kentucky Ave	47714
Evansville Christian School	4400 Lincoln Ave	47715
Evansville Country Club	3810 Stringtown Rd	47711
Evansville Lutheran School	120 E Michigan St	47711
Evansville Pavilion	6401 E Lloyd Expressway	47715
Evansville Protestant Home	3701 Washington Ave	47714
Evansville Sports Complex	4300 Heckel Rd	47725
Evansville State Hospital	3400 Lincoln Ave	47714
Evansville Youth Care Center	300 SE Martin Luther King Blvd	47713
Express Mart	325 S Kentucky Ave	47714
Express Pantry	1401 Delmar	47712

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Updated Food Establishment Listing  
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<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
F O P #73	801 Court St	47708
Fairfield Inn Evansville East	7879 Eagle Crest Blvd	47715
Fairfield Inn Evansville West	5400 Weston Rd	47712
Fairlawn School	2021 S Alvord Blvd	47714
Farm 57	3443 Kansas Rd	47725
Fastbreak #5	2119 E Morgan Ave	47711
Fazoli's #1632	899 N Green River Rd	47715
Fazoli's #1756	5232 Weston Rd	47712
Fifth Third Café	20 NW Third St	47708
Firehouse Subs	1031 N Green River Rd #102	47712
Five Guys Burgers and Fries	5402 E Indiana St	47715
Fool Moon Grill & Bar	5625 Pearl Dr	47712
Franco's Tavola Calda	270 N Green River Rd	47715
Frank Jr BBQ	3012 Covert Ave	47714
Franklin Street Pizza Factory	2033 W Franklin St	47712
Franklin Street Tavern	2126 W Franklin St	47712
Freddy's Frozen Custard	2848 N Green River Rd	47715
Freddy's/Moes	5501 Pearl Dr	47712
Fresh Thyme Market	1121 Hirschland Rd	47715
Fujiyama	915 North Park Dr	47710
G.D. Ritzzy's	4810 University Dr	47712
G.D. Ritzzy's	4320 First Ave	47710
G.D. Ritzzy's	601 N Green River Rd	47715
Gangnam Korean Cuisine	518 Main St	47708
Gardo's Italian Oven	13220 Darmstadt Rd	47725
Gary's Parkway Pizza	3911 Broadway Ave	47712
Gasoline Alley	3526 Interstate Dr	47715
Gatrick's	750 S Kentucky Ave	47714
Gattitown	316 N Green River Rd	47715
GaylaCake LLC	422 N Main St	47711
Germania Maennerchor	916 N Fulton Ave	47710
Gerst Bavarian Haus	2100 W Franklin St	47712
Ginmiya Asian Diner	4827 Davis Lant Dr Ste F	47715
Glenwood Leadership Academy	901 Sweetser Ave	47713
Golden Buddha	3221 Taylor Ave	47714
Golden Corral #683	130 Cross Point Blvd	47715
Golden Living Center- Brentwood	30 E Chandler Ave	47713
Golden Living Center- Woodbridge	816 N 1st Ave	47710
Good Samaritan Home Inc	601 N Boeke Rd	47711
Good Shepherd School	2301 N Stockwell Rd	47715
Goodwill Family Center	1351 W Buena Vista	47710
Gracies Chinese Cuisine	12500 N Highway 41	47725

**TABLE 7-1**

Updated Food Establishment Listing  
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<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
Grand Buffet	1356 N Green River Rd	47715
Grandy's #188	722 Landbridge Ave	47710
Grannie's Secret Homemade Desserts	1701 Oak Hill Rd	47711
Great American Cookie Co	800 N Green River Rd	47715
Great Harvest Bread	423 Metro Ave	47715
Great Steak & Potato	800 N Green River Rd	47715
Grocery Outlet	1200 N Fulton Ave	47710
Hacienda - Darmstadt	600 E Boonville New Harmony Rd	47725
Hacienda #16	5440 Pearl Dr	47712
Hacienda #4	711 First Ave	47710
Hacienda #8	990 S Green River Rd	47715
Hadi Shrine Temple	6 Walnut St	47708
Hagedorn's	2037 W Franklin St	47712
Hampton Inn	8000 Eagle Crest Blvd	47715
Hampton Inn Airport Evansville	5701 N Highway 41	47711
Happy Garden	1927 Pollack Ave	47714
Happy Go Asian Maket	4035 E Morgan Ave	47715
Hardees	4400 Covert Ave	47714
Hardees	1501 N Boeke Rd	47711
Hardees	4249 Highway 41	47711
Hardees	2315 W Illinois St	47712
Hardees	1021 S Weinbach Ave	47714
Harmes Una Pizza	967 S Kentucky Ave	47714
Harper Elementary School	21 S Alvord Blvd	47714
Harrison High School	211 Fielding Rd	47715
Hartke Pool	201 N Boeke Rd	47711
Harvest Time	518 Linwood Ave	47714
Haynies Corner Market	37 Adams Ave	47713
Heady's Pizza	4120 B N First Ave	47710
Healthsouth Deaconess	4100 Covert Ave	47714
Hebron Elementary School	4400 Bellemeade Ave	47714
Helfrich Park STEM Academy	2603 W Maryland St	47712
Heritage Center	1201 W Buena Vista Rd	47710
Herradura	4610 Bellemeade Ave	47714
Hickory Pit Stop	1521 N Main St	47711
High Score Saloon	323 Main Street	47708
Highland Elementary School	6701 Darmstadt Rd	47725
Highland Inn Inc	6620 N First Ave	47710
Highland Pizza Shop	6669 Kratzville Rd	47710
Hill Top Inn	1100 Harmony Way	47720
Hillcrest Home	2700 W Indiana St	47712
Hilton Garden Inn	220 Eagle Crest Dr	47715

**TABLE 7-1**

Updated Food Establishment Listing  
 January 1, 2019 through June 30, 2019 Reporting Period

<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
Himalaya Food Mart	6720 Washington Ave	47715
Holiday Inn Evansville Airport	7101 Highway 41 North	47725
Holiday Inn Express	5737 Pearl Dr	47712
Holiday Inn Express	324 Rusher Creek Rd	47725
Holiday Inn Express	220 Kirkwood Dr	47715
Holiday Retirement Village	1200 W Buena Vista	47710
Holy Redeemer	918 W Mill Rd	47710
Holy Rosary School	1301 S Green River Rd	47715
Holy Spirit School	1750 Lodge Ave	47714
Home 2 Suites	7901 E Walnut St	47715
Honey Baked Ham Co	1446 N Green River Rd	47715
Honey Baked Ham Co	318 Main St Ste 100	47708
Honey Dew	612 S Weinbach Ave	47714
Hooters	4620 Lincoln Ave	47715
Hornets Nest	11845 Petersburg Rd	47725
Hot Head Burrito	5625 Pearl Dr Ste A	47712
House of Como	2700 S Kentucky Ave	47714
Howard Johnson	1101 N Green River Rd	47715
Huck's	2225 N Fares Ave	47711
Hucks # 337	3951 N Green River Rd	47715
Huck's #383	3131 Kansas Rd	47725
Ice Island Grill	325 S Green River Rd	47715
IHOP 5404	601 N Burkhardt Rd	47715
Ivy Tech CC - Culinary Arts Lab	3501 First Ave	47710
Ivy Tech Corporate College Building	651 Fairway Drive	47710
Iwataya Restaurant	8401 N Kentucky Ave	47725
Jason's Deli	943 N Green River Rd	47715
Jaya's Authentic Foods	119 SE Fourth St	47708
Jeanne's Gelato & More	2003 Lincoln Ave	47714
Jimmy Johns	701 N Burkhardt Rd	47715
Jimmy Johns	330 Main St	47708
Jimmy Johns	130 N St Joe Ave	47712
Jimmy Johns	2320 N Green River Rd	47715
Jimmy's Una Pizza	4711 Pollack Ave	47714
Joshua Academy	1230 E Illinois St	47711
JPM Convenient Store	1601 N 1st Ave	47710
J's Sportsbar & Grill	1602 S Vann Ave	47714
Just Cookies Inc	1120 Washington Square Mall	47715
Just Rennie's	100 SE Fourth St	47708
Just Rennie's Bistro	102 SE 4th St	47708
Just Rennie's Catering at the Old Post Office	100 NW Second St	47708
K.C.'s Time Out Lounge & Grill	1121 Washington Square Mall	47715

**TABLE 7-1**

Updated Food Establishment Listing  
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<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
Kabob Express	3305 N Green River Rd	47715
Kanpai	4593 Washington Ave	47714
Kennel Club of Evansville	5201 Kratzville Rd	47710
Keylee's Pizza & Creamery	10 NW Sixth St	47708
KFC #C119004	900 S Green River Rd	47715
KFC #C119002	1201 Covert Ave	47714
KFC/Taco Bell #C119005	4422 W Lloyd Expressway	47712
Kipplees Stadium Inn	2350 Division St	47711
Kite & Key Cafe	2301 W Franklin St	47712
Krispy Kreme	727 N Burkhardt Rd	47715
La Campriana	724 N Burkhardt Rd	47715
La Preferida	819 S Green River Rd	47715
Lamasco Bar & Grill	1331 W Franklin St	47710
LaQuinta Inn & Suites	8015 Division St	47715
Las Americas Tiendas Restaurant	1016-A S Weinbach Ave	47714
Lee's Famous Recipe	411 N St Joseph Ave	47712
Legends	1050 S Weinbach Ave	47714
Leroy's Tavern	2659 Mt Vernon Ave	47712
Libby & Mom's Cafe	2 N Richardt Ave	47711
Lic's Ice Cream	11 NW Fifth St	47708
Lic's Ice Cream	2001 Washington Ave	47714
Lic's Ice Cream	2311 W Virginia St	47712
Lic's Ice Cream	4501 Lincoln Ave	47714
Lic's Ice Cream	800 E Diamond Ave	47711
Life Choice	2225 W Indiana St	47712
Lincoln Garden	2001 Lincoln Ave	47714
Lincoln Market	751 Lincoln Ave	47713
Lincoln School	635 Lincoln Ave	47713
Lin's Asian Express	520 N 1st Ave	47710
Little Caesar's Pizza	2007 Washington Ave	47714
Little Caesar's Pizza	2411 Stringtown Rd	47711
Little Caesar's Pizza	130 N St Joseph Ave	47712
Little Italy	4430 First Ave	47710
Lodge Community School	1400 E Riverside Dr	47714
Logans Roadhouse	5645 Pearl Dr	47712
Logans Roadhouse	1 N Burkhardt Rd	47715
Lombardi's New York Pizza	3311 N Green River Rd	47715
Long John Silvers #04	1015 S Green River Rd	47715
Long John Silvers #14	2519 First Ave	47710
Long John Silvers #28	2350 Morgan Ave	47711
Long John Silvers #29	4625 W Pennsylvania St	47712
Longhorn Steakhouse 5221	320 N Green River Rd	47715

**TABLE 7-1**

Updated Food Establishment Listing  
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<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
Los Bravos	6226 Waterford Blvd	47715
Los Bravos	3534 N First Ave	47710
Los Bravos	4630 W Lloyd Expressway	47712
Los Portales Mexican Grill	3339 N Green River Rd	47715
Los Tres Caminos	12100 N Highway 41 Suite 9	47725
Lyle & Bill's Sportszone Pizza & Pub LLC	1404 E Morgan Ave	47711
MA T 888 China Bistro	5636 Vogel Rd	47715
Mach 1	19920 Ruffian Way	47725
Madeleines	423 SE Second St	47713
Maiden's Brew Pub	209 N Wabash Ave	47712
Major Munch	101 NW First St	47708
Mama Roma's Pizza Express	3115 Covert Ave	47714
Manna Mediterranean Grill	2913 Lincoln Ave	47714
Marathon	720 SE 8th St	47713
Marathon #103	201 E Louisiana St	47711
Marco's Pizza	2000 Covert Ave	47710
Marco's Pizza	3100 N 1st Ave	47714
Marigold Bar	2112 S Weinbach Ave	47714
Market Street Living	304 Market St	47708
Marx Bar B Q	3119 W Maryland St	47720
Mary & Martha's	6840 Logan Dr Suite A	47715
Mary and Martha's Catering	1334 N Green River Rd	47715
Mater Dei High School	1300 Harmony Way	47720
McCutchanville Elementary School	10701 Petersburg Rd	47725
McAlister's Deli	2220 N Green River Rd	47715
McAllister's Deli	5301 Pearl Dr	47712
McDonalds	1148 Washington Ave	47714
McDonalds	2960 Covert Ave	47714
McDonalds	4701 Lincoln Ave	47715
McDonald's	3704 N 1st Ave	47710
McDonalds #10878	19700 N Highway 41	47725
McDonalds #11291	115 S Rosenberger Ave	47712
McDonalds #11365	20 N Main St	47711
McDonalds #20552	999 E Mt Pleasant Rd	47725
McDonalds #25751	49 N Burkhardt Rd	47715
McDonalds #31565	3350 N Green River Rd	47715
McDonalds #35457	1617 Bartlett Ave	47711
McDonalds #5774	909 N St Joseph Ave	47720
McDonalds #7611	799 N Green River Rd	47715
McGary Middle School	1535 Joyce Ave	47714
Meals & More	7801 Bussing Dr	47725
Meijer #287	2622 Menards Dr	47715

**TABLE 7-1**

Updated Food Establishment Listing  
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<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
Meijer Gas Station	2611 Menards Dr	47715
Memorial High School	1500 Lincoln Ave	47714
Merry-Go-Round	2101 N Fares Ave	47711
Mesker Park Zoo (Rainforest Grill & Watering Hole)	1545 Mesker Park Dr	47720
Methodist Temple	2109 Lincoln Ave	47714
Metro Sports Center	5820 Metro Centre Dr	47715
Mike Libs & Choc Factory	864 S Green River Rd	47715
Milano Italian Cuisine	500 Main St	47708
Milk and Sugar Scoop Shoppe	2027 W Franklin St	47712
Mission BBQ	1530 N Green River Rd	47715
MJ's Café	801 St Mary's Dr	47714
MOD Pizza	6401 E Lloyd Expy Suite C 102	47715
Mojo's Boneyard	4920 Bellemeade Ave	47715
Montessori Academy	4661 Adams Ave	47714
Moto Mart	3221 Mariner Dr	47715
Moto Mart	500 N Burkhardt Rd	47715
Moto Mart	1900 N Green River Rd	47711
Moto Mart	6328 E Lloyd Expwy	47715
Mr. B's Pizza & Wings	1340 Hirschland Rd	47715
Mr. Bubble Tea	503 N Green River Road	47715
Nacho's Grill	821 S Green River Rd	47715
Nazarene MBC/ Joshua Academy	867 E Walnut St	47713
New Frontier Restaurant and Bar	12945 Highway 57	47725
Noble Romans - Wash Sq	1216 Washington Sq	47715
North Jr High School	15325 N Highway 41	47725
North Park Nursing Center	650 Fairway Dr	47710
North River Health Campus	811 E Baseline Rd	47725
O'Brians Sports Bar & Grill	1801 N Green River Rd	47715
O'Charleys #237	7301 E Indiana St	47715
O'Charleys #296	5125 Pearl Dr	47712
Oak Hill School	7700 Oak Hill Rd	47712
Oak Meadow Country Club	11505 Browning Rd	47725
Oasis Assisted Living	1000 Burdette Ave	47714
Oasis Café Mediterranean Grill	5702 E Virginia St	47715
Old Chicago Pasta & Pizza	6550 E Lloyd Expressway	47715
Old Fashioned Butcher Shop	2130 Stringtown Rd	47711
Old National Events Plaza	715 Locust St	47708
Old Tyme Deli & Meat Shop	307 N First Ave	47710
Olive Garden #1022	1100 N Green River Rd	47715
One Main Eurest Dining Service	601 NW Second St	47708
Orange Leaf of Evansville LLC	701 Burkhardt Rd	47715
Order of Owls Nest #30	2427 N Sherman St	47711

**TABLE 7-1**

Updated Food Establishment Listing  
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<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
Outback Steakhouse #1519	7201 E Indiana St	47715
Panaderia San Miguel	2004 Washington Ave	47714
Panda Express #2906	2445 Menards Dr	47715
Panera Bread	5201 Pearl Dr	47715
Panera Bread Bakery-Cafe #1020	220 N Burkhardt Rd	47715
Pangea Kitchen	111 S Green River Rd	47715
PaPa Johns	4204 First Ave	47710
Papa Johns	5436 E Indiana St	47715
PaPa Johns	4814 W Lloyd Expressway	47712
Papa Johns	303 N Weinbach Ave	47711
PaPa Johns #3681	12414 Highway 41 N	47725
PaPa Murphys Take N Bake	4827 Davis Lant Dr Suite C	47715
Papa Murphys Take N Bake	779 S Green River Rd	47715
Papa Murphys Take N Bake	4827 Davis Lant Dr Suite C	47715
Park Terrace	25 S Boehne Camp Rd	47712
Parkview Care Center	2819 N St Joseph Ave	47720
Patchwork Central	100 Washington Ave	47713
Pattie's Sand Trap	1900 E Diamond Ave	47711
Pendley Daycare	2916 Oak Hill Rd	47711
Penn Station	137 N Burkhardt Rd	47715
Penn Station	5310 Pearl Dr	47712
Penn Station	4827 Davis Lant Dr	47715
Penny Lane Coffeeshouse	600 SE Second St	47713
Perry Heights School	5800 Hogue Rd	47712
Philly Grill	600 E Boonville-New Harmony Rd	47725
Pie Pan	905 North Park Dr	47710
Piece of Cake	210 Main St	47708
Pinch of Sugar	579 N Green River Rd	47715
Pine Haven	3400 Stocker Dr	47720
Piston's	2131 W Franklin St	47712
Pizza Depot	2801 E Boonville-New Harmony Rd	47725
Pizza Hut	4508 N First Ave	47710
Pizza Hut #316305	310 N St Joseph Ave	47712
Pizza Hut #316308	925 N Green River Rd	47715
Pizza Hut #316428	1357 Covert Ave	47714
Pizza Hut #316695	601 E Boonville New Harmony Rd	47725
Pizza King	220 N St Joseph Ave	47712
Pizza King	1033 S Weinbach Ave	47714
Pizza Oven	5806 Stringtown Rd	47711
Planter's Café	1211 Tutor Lane	47715
Plaza Park Academy	7301 Lincoln Ave	47715
Popeye's Chicken	3300 N 1st Ave	47710

**TABLE 7-1**

Updated Food Establishment Listing  
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<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
Price Less Foods	1550 Vann Ave	47714
Price Less Foods	4851 W Pennsylvania St	47712
Proper Coffee	800 N Green River Rd	47715
Qdoba	922 N Burkhardt Rd	47715
Quality Inn	5006 Morgan Ave	47715
Quality Inn Mahadev	19622 Elpers Rd	47725
R & K Food & Gas	1526 Judson St	47713
Rafferty's	1400 N Green River Rd	47715
Rally's #162	4720 E Morgan Ave	47715
Rally's #58	1201 E Virginia St	47711
Ramos Smoke Shop	2300 Riverside Dr	47714
Read Street BBQ	421 Read St	47710
Red Lobster # 0058	4605 Bellemeade Ave	47714
Red Robin Gourmet Burgers	6636 E Lloyd Expressway	47715
Reitz High School	350 Dreier Blvd	47712
Reliable Adult Care	5130 Vogel Rd #130	47715
Rescue Mission	500 E Walnut St	47708
Residence Inn	8283 E Walnut St	47715
Ricks 718 Bar and Lounge	718 N Third Ave	47710
Ricks Sport Bar & Family Room	1531 S Green River Rd	47715
River Bend Association Inc	2207 W Franklin St	47712
River City Eagles #4023	1824 W Franklin St	47712
River City Food Co-op	116 Washington Ave	47713
River City Mercantile & Coffee	223 Main St	47708
River Kitty Cat Café	226 Main St	47708
River Pointe Health Campus	3001 Galaxy Dr	47715
Riverview Adventist Christian Academy	2231 Burdette Ave	47714
Riverwalk Communities	401 SE 6th St	47713
Roca Bar	1618 S Kentucky Ave	47714
Roca Bar North	12301 N Highway 41	47725
Roppongi	7221 E Indiana St	47715
Rosie's Diner	1423 W Maryland St	47710
Rounders Pizza	510 W Mill Rd	47710
Rounders Pizza Too	12731 N Green River Rd	47725
Royal Suite Dinner & Movie	4706 Morgan Ave	47715
Sacred Heart School	2733 W Franklin St	47712
Salad World Downtown	200 A Main St	47708
Salsarita's Fresh Cantina	3910 E Morgan Ave	47715
Salvation Army Community Center	1040 N Fulton Ave	47710
Sam's Club #8123	6700 E Virginia St	47715
Sam's Southern Eatery	420 S Green River Rd	47715
Sam's Food Mart	1000 Washington Ave	47714

**TABLE 7-1**

Updated Food Establishment Listing  
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<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
Sam's Pizzeria	2011 Delaware St	47712
Sarto Retreat House	4200 N Kentucky Ave	47711
Sauced	1119 Parrett St	47713
Savannah's Café	1802 Stringtown Rd	47711
Save A Lot #671	2125 S Weinbach Ave	47714
Save A Lot #675	500 Diamond Ave	47711
Scandals Nightclub	1348 Division St	47711
Schaum's Pizzeria	240 S Green River Rd	47715
Schlotsky's	301 N Green River Rd	47715
Schnucks #704	3700 N First Ave	47710
Schnucks #705	4500 W Lloyd Expressway	47712
Schnucks #708	5000 Washington Ave	47715
Schnucks #728	3501 N Green River Rd	47715
Schnucks #742	600 E Boonville-New Harmony Rd	47725
Scott Elementary School	14940 Old State Rd	47725
Select Specialty Hospital	400 SE 4th St	47713
Shing-Lee	215 Main St	47708
Show Me's East	1700 Morgan Center	47715
Showplace Cinemas	950 S Hebron Ave	47715
Showplace Cinemas	1801 Morgan Center Dr	47715
Shyler's Barbque	5428 E Indiana St	47715
Sicilano Subs	2021 W Franklin St	47712
Side Track Tavern	664 E Illinois St	47711
Signature HealthCARE	5233 Rosebud Ln	47630
Simpsons Supermarket	1365 Covert Ave	47714
Skateworld	1300 Fairfield Dr	47715
Skyzone	49 N Green River Rd	47715
Smitty's	2109 W Franklin St	47712
Smokin' Pig	773 Lincoln Ave	47713
Solarbron Pointe	1501 McDowell Rd	47712
Sonic Drive-In #102	2200 Covert Ave	47714
Sonic Drive-In #105	4920 W Lloyd Expressway	47712
Sonic Drive-In #106	830 N Burkhardt Rd	47715
Sonic Drive-In #109	881 S Green River Rd	47714
Sonic Drive-In #111	3433 N Green River Rd	47715
Southern Indiana Career Technical Ctr Culinary Arts	1901 Lynch Rd	47711
Spankey's Una Pizza	4404 W Lloyd Expressway	47712
Spicy Thai Cuisine	601 E Boonville New Harmony Rd	47725
Sportsman Billards & Pub	2315 W Franklin St	47712
Spudz & Stuff	815 S Green River Rd	47715
Spudz-n-Stuff	601 E Boonville New Harmony Road	47725
Spudz-N-Stuff	3904 N 1st Ave	47710

**TABLE 7-1**

Updated Food Establishment Listing  
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<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
Spudz-N-Stuff	2403 Washington Ave	47714
St Agnes School	1600 Glendale Ave	47712
St Anthony’s Soup Kitchen	713 Second Ave	47710
St Benedicts School	530 S Harlan Ave	47714
St Boniface School	2031 W Michigan St	47712
St Johns Soup Kitchen	617 Bellemeade Ave	47713
St Mary’s Medical Center	3700 Washington Ave	47714
St Pauls Episcopal	301 SE First St	47708
St. Vincent Center for Children & Families	730 W Delaware St	47710
Star Buffet	5435 Pearl Dr Ste 3D	47712
Starbucks Coffee 1892	4700 W Lloyd Expressway	47720
Starbucks Coffee Co #8693	4650 First Ave	47710
Starbucks Coffee Company #9759	504 N Green River Rd	47715
Steak 'N Shake	7929 E Division St	47715
Steakburger Company	800 N Green River Rd	47715
Stephen Libs Finer Chocolates	6225 Vogel Rd.	47715
Stepping Stone - 30022004	4001 John St	47714
Steves Una Pizza	1005 S St James Blvd	47714
Stockwell Inn	4001 E Eichel Ave	47715
Stockwell School	2501 N Stockwell Rd	47715
Stockyard Inn	1217 Baker St	47710
Stolls Country Inn South	19820 Castle Creek Dr	47725
Stop & Go - Food and Gas	520 S Barker Ave	47712
Stringtown School	4720 Stringtown Rd	47711
Subway	2744 N Green River Rd	47715
Subway	12500 N Highway 41	47725
Subway	501 N Main Suite A	47711
Subway	4750 W Lloyd Expressway	47712
Subway	4313 E Morgan Ave	47715
Subway	1343 Tutor Ln	47715
Subway	1677 Lincoln Ave	47714
Subway	520 Mary St	47710
Subway	200 S Green River Rd Ste C	47715
Subway - Berry Plastic Site	101 Oakley St	47710
Subway #12340	1401 Covert Ave	47714
Subway #15691	631 Walnut St	47713
Subway #23569	1300 E Morgan Ave	47711
Subway #28905	301 Main St	47708
Subway #30714	3200 N St Joe Unit A	47720
Subway #56335	6401 Hwy 41 N	47715
Subway #870	4218 N 1st Ave	47710
Subway Sandwich Shop	611 E Diamond Ave	47711

**TABLE 7-1**

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<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
Subway Sandwich Shop	510 N St Joseph Ave	47712
Sunshine Juice Company	6225 E Virginia St	47715
Super 8	19601 Elpers Rd	47725
Super 8 Motel	4600 E Morgan Ave	47715
Sure Stay Plus Hotel	19600 Elpers Rd	47725
Sweet Bettys Bakery	5600 E Virginia St Ste E	47715
Sweet Schmitt's	422 N Main St	47711
Sweetwater Event Center	8335 Eagle Lake Dr	47715
Swonder Ice Rink	201 N Boeke Rd	47711
Szechwan Chinese Restaurant	669 N Green River Rd	47715
T Minimart	2400 Washington Ave	47714
Taco Bell	2400 W Maryland St	47712
Taco Bell #28864	4501 First Ave	47710
Taco Bell #28898	1580 Vann Ave	47714
Taco Bell #28907	1500 N Willow Rd	47711
Taco Bell #28908	1001 N Green River Rd	47715
Taco Johns	604 N St Joseph Ave	47712
Taco Johns	2509 Washington Ave	47714
Taj Mahal	900 E Tutor Ln	47715
Talk of the Town Pizza Bar	1200 Edgar	47710
Target T-108	4000 First Ave	47710
Target T-1481	6625 E Lloyd Expressway	47715
Taste Of China	4579 University Dr	47712
Taste of NYC	800 N Green River Rd	47715
Tekoppel School	111 Tekoppel Ave	47712
Texas Roadhouse	7900 Eagle Crest Blvd	47715
TGI Fridays	800 N Green River Rd	47715
Thai Papaya Cuisine	1434 Tutor Ln	47715
The Arcademie	22 NW 6th St	47708
The Caboose	915 N Main St	47711
The Circle H	3800 E Morgan Ave	47715
The Daily Grind	1 SE Ninth St	47708
The Dapper Pig	1112 Parrett St	47713
The Deli/ONB	1 Main St	47708
The Diner	333 Jefferson Ave	47713
The Ford Center	1 SE Martin Luther King Blvd	47708
The Fresh Market	6401 E Lloyd Expressway	47715
The Friendship Diner	834 Tutor Ln	47715
The Garden School	4910 E Riverside Dr	47715
The Granola Jar	1033 Mt Pleasant Rd Suite J	47725
The Granola Jar	111 S Green River Rd Suite D	47715
The Inflatable Fun Factory	6600 Frito Lay Dr	47715

**TABLE 7-1**

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<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
The Pacetre	2734 Mt Vernon Ave	47712
The Peephole Bar & Grill	201 Main St	47708
The Perfect Plan To Go	3101 N Green River Rd Ste 310	47713
The Rathbone	1320 SE Second St	47713
The Rooftop	112 NW Martin Luther King Blvd	47708
The Taqueria	800 N Green River Rd	47715
The Vineyard	5721 E Virginia St	47715
The Yellow Rose Family Diner	4313 E Morgan Ave H	47715
The Za	737 North Park Dr Suite A	47710
Thompkins School	1300 W Mill Rd	47710
Thorntons #82	2401 Morgan Ave	47711
Thorntons #83	701 S Green River Rd	47715
Thorntons #84	813 N St Joseph Ave	47712
Thorntons #85	114 S Rosenberger Ave	47712
Thorntons #88	6300 Morgan Ave	47715
Thunderbolt Pass Golf Course	6901 Petersburg Rd	47711
Thyme in the Kitchen	2308 W Franklin St	47712
Tin Man Brewing Co	1430 W Franklin St	47710
TJ Maxx Cafe	3301 Maxx Rd	47711
Tokyo Japan	3000 N Green River Rd	47715
Treehouse Pub & Grill	1550 Mesker Park Dr	47720
Tres Reynas	920 N Main St	47711
Tri State GN Sikh Temple	2816 Cullen Ave	47715
Trinity United Methodist	216 SE 3rd St	47713
Tropicana - Casino	615 NW Riverside Dr	47708
Tropicana - The District	701 NW Riverside Dr	47708
Tropicana Evansville Pavilion	450 NW Riverside Dr	47708
Tropicana Hotel/Conference Center/Temptation Buffet	421 NW Riverside Dr	47708
Tune Squad Pies	1010 S Kentucky	47714
Turoni's	408 N Main St	47711
Turoni's Forget Me Not Inn	4 N Weinbach Ave	47711
Twisted Tomato	2333 St George Rd	47711
Twisted Tomato	1101 Harmony Way	47720
Two Brothers Chinese	3806 First Ave	47710
Una-Tu-Pizza	709 N Governor St	47711
United Caring Shelter	324 NW Sixth St	47708
University of Southern Indiana	8600 University Blvd	47712
University Nursing and Rehabilitation	1236 Lincoln Ave	47714
University Food Mart	1701 Lincoln Ave	47714
University of Evansville/CAFÉ COURT 79404001	1800 Lincoln Ave	47714
Vanderburgh Co Jail	3500 N Harlan Ave	47711
Vanderburgh Coliseum	300 Court St	47708

**TABLE 7-1**

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<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
VFW Post 1114	110 Wabash Ave	47712
Vietnamese Cuisine Restaurant	4602 Vogel Rd	47715
Virginia Food Market	628 E Virginia St	47711
Vogel School	1500 Oak Hill Rd	47711
Wal-Mart Market #5372	3430 Taylor Ave	47714
Wal-Mart Market Store	2500 N 1st Ave	47710
Wal-mart Supercenter #1263	401 N Burkhardt Rd	47715
Wal-mart Supercenter #1341	335 S Red Bank Rd	47712
Walnut Creek	525 Bentees Wes Ct	47715
Walton's Comfort Food	956 Parrett St	47713
Washington School	1801 Washington Ave	47714
Wayback Burgers	624 E Diamond Ave	47711
Wayback Burgers	115 Cross Pointe Blvd Ste 4	47715
Wendy's #324	3351 N First Ave	47710
Wendy's #325	410 N St Joseph Ave	47712
Wendy's #326	4610 Lincoln Ave	47714
Wendy's #327	550 N Green River Rd	47715
Wendy's #346	401 S Boehne Camp Rd	47712
Wendy's #401	601 E Boonville New Harmony Rd	47725
Wendy's #399	400 N Burkhardt Rd	47715
We're Rolling Pretzel Co	335 S Red Bank Rd	47712
Wesselmans Sonntag	700 Sonntag Ave	47712
Wesselmans Weinbach	1 N Weinbach Ave	47711
West River Health Campus	8530 Middle Mount Vernon	47712
West Terrace School	8000 West Terrace Dr	47712
Western Rib Eye	1401 N Boeke Rd	47711
Westwood Baptist Church	121 S Boehne Camp Rd	47712
White Castle #37	6940 Logan Dr	47715
White Swan Coffee Lab	2025 W Franklin Street	47712
Willow Park	5050 Lincoln Ave	47715
Windmill Dairy Queen	6801 Highway 41	47725
Wings Etc.	628 E Diamond Ave	47711
Wingstop	499 B N Green River Rd	47715
Wok N Roll	311 S Green River Rd	47715
Wolf's BBQ	6600 First Ave	47710
Wolfe's Auto Auction Inc	2229 S Kentucky Ave	47714
World Harvest Ministries Daycare	1111 S Green River Rd	47714
Xpress Pantry	326 S Kentucky Ave	47714
Xpress Pantry	1015 N Main St	47711
Xpress Pantry	221 N Fulton Ave	47710
Xpress Pantry	1123 N First Ave	47710
Yak-n-Yeti	815 S Green River Rd	47715

**TABLE 7-1**

Updated Food Establishment Listing

January 1, 2019 through June 30, 2019 Reporting Period

<b>Establishment</b>	<b>Address</b>	<b>Zip Code</b>
Yang's Shabu Shabu	4700 Vogel Rd	47715
Yen Ching	406 S Green River Rd	47715
Zaxby's	1021 N Burkhardt Rd	47715
Zesto	102 W Franklin St	47713
Zesto	920 E Riverside Dr	47710
Zoup	6240 E Virginia St	47715
Zoup	4660 N First Ave	47710
Zuki	1448 N Green River Rd	47715
Zuki - Downtown	222 Main St	47708



TABLE 7-2

Sewer Segments Treated for Root Intrusion

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	SubBasin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (LF)
SSS	E-10-3	4120 OXMOOR RD	1/22/19	5576	5575	8208	8	VCP	352.9
SSS	W-12-6	715 CRESTMONT DRIVE	2/12/19	126190	126191	13001	8	VCP	50
SSS	W-12-6	715 CRESTMONT DRIVE	2/12/19	126192	126191	13000	8	VCP	207.7
SSS	W-12-6	707 CRESTMONT DR	2/13/19	126191	126193	13002	8	VCP	251.6
SSS	E-10-3	4200 SARATOGA DR	2/13/19	4380	281864	7403	12	RPM	232.2
SSS	E-10-3	4200 DERBY LANE	2/14/19	5438	5436	7394	8	RPM	105
SSS	W-9-3	2443 LEXINGTON RD	2/18/19	4623	4628	24426	8	VCP	303
SSS	W-9-3	2507 LEXINGTON RD	2/18/19	4630	4628	24427	8	VCP	307.7
SSS	E-10-3	2905 AUTUMNWOOD WAY	2/19/19	5437	5436	7393	8	RPM	137.7
SSS	E-10-3	2711 AUTUMNWOOD WAY	2/25/19	4367	4368	7400	8	RPM	127.9
SSS	W-12-6	800 PRIMROSE LN	2/26/19	CO	172554	24582	8	RPM	86.7
SSS	E-10-3	3920 DEER TRL	3/13/19	5796	4421	8285	8	VCP	386.5
SSS	W-12-6	705 MELS DR.	3/16/19	282318	15056	12981	8	VCP	247.3
SSS	W-12-5	9200 RYAN CT	3/18/19	14971	14970	13245	8	RPM	234.7
SSS	W-12-5	9207 GREYSTONE CT	3/22/19	14994	14993	13269	8	RPM	341.8
SSS	E-7-6	1617 ENLOW AVE	4/5/19	CO	7751	24380	8	VCP	218
SSS	E-10-3	2607 AUTUMOWOOD WAY	4/8/19	CO	4334	7392	8	RPM	93.8
SSS	W-10-1	123 FERNWOOD PL	4/9/19	58407	58408	22052	8	VCP	161
SSS	E-10-2	4365 MAXWELL AVE	4/15/19	282441	5651	22103	8	RCP	352.1
SSS	E-10-2	1627 SHEPHERD DR	4/15/19	5644	5645	7949	8	VCP	150.4
SSS	E-10-2	1808 NEWTON AVE	4/16/19	5643	168087	22098	8	RCP	248.8
SSS	W-9-4	1701 RUSSELL AVE	4/19/19	8275	8154	23084	8	VCP	157.5
SSS	W-8-3	529 TREMONT RD	4/19/19	4107	3824	23487	8	VCP	593.7
SSS	E-10-1	2401 E DIAMOND AVE	5/2/19	5716	5710	24079	8	VCP	309.4
SSS	E-10-1	3700 HERNDON DR	5/2/19	5701	5700	11240	8	VCP	367.9
SSS	E-10-1	3618 RICHARDT AVE	5/7/19	5695	5696	24061	8	VCP	242.8
SSS	E-10-2	1815 GINGER LN	5/9/19	5683	5633	5105	8	RPM	215.6
SSS	E-10-1	3713 HERNDON DR	5/14/19	5686	5687	24076	8	VCP	326.9
SSS	E-10-1	3713 E DIAMOND AVE	5/15/19	283545	5706	24080	10	RCP	304
SSS	E-10-3	3209 CROSSBOW LN	5/17/19	282454	5792	8210	8	VCP	76.2
SSS	E-10-2	4000 E EICHEL AVE	5/17/19	5618	5619	22152	8	RPM	100
SSS	E-10-3	4105 QUAIL HOLW	5/20/19	5446	5444	7010	8	RPM	74.5
SSS	W-9-2	3810 N TWELFTH AVE	5/23/19	281945	281946	28529	8	VCP	237.8
SSS	W-12-4	5605 WHIPPOORWILL DR	6/5/19	14876	14872	14047	8	RPM	189
SSS	W-12-4	5301 BROADWAY AVE	6/14/19	284331	14909	11909	8	RPM	133

**TABLE 7-2**

Sewer Segments Treated for Root Intrusion

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	SubBasin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (LF)
SSS	W-12-3	716 JOBES LN	6/18/19	11306	11309	22910	8	VCP	364.2
SSS	W-9-4	1722 CHARLOTTE AVE	6/20/19	8282	8281	12379	8	VCP	137.1
SSS	W-12-3	922 JOBES LN	6/20/19	14663	14361	22914	8	VCP	302.4
SSS	W-12-3	701 DOUGLAS DR	6/20/19	11313	11312	22905	8	VCP	298.5
SSS	W-12-3	701 DOUGLAS DR	6/20/19	11308	11313	22904	8	VCP	340
SSS	W-9-4	1722 CHARLOTTE AVE	6/21/19	8280	99124	12383	8	VCP	140.4
SSS	W-9-4	2518 CHARLOTTE AVE	6/21/19	8281	8280	12384	8	VCP	101.2
SSS	E-10-1	3805 E NEGLEY AVE	6/21/19	5749	5747	24074	8	VCP	395
Total Segment Length Treated (ft)									10,004

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-8-7	5706 SHELBOURNE RD	2/20/18	9330	123401	10065	8	VCP	146.7
SSS	W-8-4	1311 SHEFFIELD DR	4/17/18	9351	9350	11879	8	VCP	351.2
SSS	W-8-4	4800 IVY LN	4/18/18	9341	9342	23554	8	VCP	219.8
SSS	W-8-3	4512 LONGFIELD DR	4/23/18	4102	3749	11610	8	PVC	450.3
SSS	W-8-2	1105 ALLENS LN	5/9/18	AEP	9038	22989	8	VCP	391.8
SSS	W-8-2	1410 HUBER AVE	5/14/18	9091	9090	22772	8	VCP	396.3
SSS	W-8-1	3301 N FIRST AVE	7/13/18	9031	9151	11434	8	VCP	414.5
SSS	W-8-3	4245 N FIRST AVE	12/10/18	121064	284316	11537	8	VCP	293.6
SSS	W-12-6	8424 WOLF CREEK DR	1/14/19	14952	14951	13210	10	RPM	306.2
SSS	W-12-4	5905 SARABETH LN	1/14/19	14921	14920	22007	8	RPM	169.4
SSS	W-12-6	624 SUNFLOWER CIR	1/17/19	16215	AWW	13193	8	PVC	82.8
SSS	W-12-6	624 N EICKHOFF RD	1/17/19	16216	16215	13192	8	RPM	309.4
SSS	W-12-6	8250 BUCK RIDGE TRL	1/17/19	16082	16087	13284	8	RPM	218
SSS	W-12-6	8250 BUCKRIDGE TRL	1/17/19	16081	16087	13283	8	RPM	179.9
SSS	W-12-6	8341 BUCK RIDGE TRL	1/17/19	16086	16085	13280	8	RPM	93.3
SSS	W-12-6	8330 BUCK RIDGE TRL	1/17/19	16085	16084	13279	8	RPM	136.4
SSS	E-10-3	3300 SPRING VALLEY DR	1/17/19	280758	280757	26253	8	RPM	219.9
SSS	E-10-3	4722 4784 SPRING VALLEY RD	1/17/19	280759	280758	26252	10	RPM	53.4
SSS	E-10-3	4722 4784 SPRING VALLEY RD	1/17/19	280760	280759	26251	10	RPM	7.2
SSS	E-10-3	4350 4470 SPRING VALLEY RD	1/17/19	280760	280761	26250	10	RPM	399.8
SSS	E-10-3	4350 SPRING VALLEY DR	1/17/19	280761	280762	26249	10	RPM	236.8
SSS	E-10-3	4310 SPRING VALLEY RD	1/17/19	280762	280763	26248	10	RPM	190.7
SSS	E-10-3	4300 SPRING VALLEY RD	1/17/19	280763	15130	26247	10	RPM	104.6
SSS	E-10-3	3305 SPRING VALLEY DR	1/17/19	15130	5579	14985	12	VCP	126.1
SSS	E-10-3	3305 AUTUMNWOOD WAY	1/17/19	5578	5579	8215	8	VCP	191
SSS	E-10-3	4200 SPRING VALLEY RD	1/17/19	5579	5577	14981	12	VCP	365.4
SSS	E-10-3	4100 SPRING VALLEY RD	1/17/19	5577	5802	14982	12	VCP	368.6
SSS	E-10-3	4100 SPRING VALLEY RD	1/17/19	5802	5801	14983	12	VCP	12.9
SSS	E-10-3	3304 SARATOGA DR	1/17/19	5801	281433	14984	12	VCP	51.3
SSS	E-10-3	4120 OXMOOR RD	1/18/19	5576	5575	8208	8	VCP	352.9
SSS	W-12-6	8330 BUCKRIDGE TRL	1/18/19	16087	16084	13282	8	RPM	228.2
SSS	E-10-3	4512 MYSTIC CT	1/18/19	280709	280708	26196	8	RPM	232.4
SSS	E-10-3	4106 OXMOOR RD	1/18/19	5575	5799	8207	8	VCP	336.6
SSS	E-10-3	4008 OXMOOR RD	1/18/19	5799	5798	8206	8	VCP	175
SSS	E-10-3	4004 OXMOOR RD	1/18/19	5797	5798	8205	8	VCP	101.9
SSS	E-10-3	4109 SADDLEBROOK LN	1/18/19	5788	5789	8213	8	RPM	282.2

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-3	4520 MYSTIC CT	1/18/19	280708	280707	26195	8	RPM	292.3
SSS	E-10-3	4121 SADDLEBROOKE LN	1/18/19	5787	5788	8212	8	RPM	278.6
SSS	E-10-3	4533 MYSTIC CREEK DR	1/18/19	280706	280707	26194	8	RPM	388.8
SSS	E-10-3	3109 AUTUMNWOOD WAY	1/18/19	5785	5449	7014	8	RPM	305.4
SSS	E-10-3	3201 AUTUMNWOOD WAY	1/18/19	5449	5784	7015	8	RPM	301
SSS	E-10-3	3201 AUTUMNWOOD WAY	1/18/19	5786	5784	8211	8	RPM	358.6
SSS	E-10-3	4104 DEER TRAIL	1/18/19	5789	5782	8214	8	RCP	235.1
SSS	E-10-3	4220 DEER TRAIL	1/18/19	5784	5783	7379	8	RCP	328
SSS	E-10-3	4200 DEER TRAIL	1/18/19	5783	5782	8216	8	RPM	345.3
SSS	E-10-3	4471 COOPER DR	1/19/19	280614	280615	26084	8	RPM	403
SSS	E-10-3	4500 BOGART BLVD	1/19/19	280612	280613	26082	8	RPM	404.6
SSS	E-10-3	4603 MYSTIC CREEK DR	1/19/19	280707	280710	26193	8	RPM	102
SSS	E-10-3	4500 BOGART BLVD	1/19/19	280613	280614	26083	8	RPM	317.6
SSS	E-10-3	4501 COOPER DR	1/19/19	280615	280616	26081	8	RPM	161.7
SSS	E-10-3	4500 CONNERY CT	1/22/19	280619	280618	26086	8	PVC	220.6
SSS	W-12-6	8100 WOLF CREEK CT	1/22/19	280661	280662	26130	8	RPM	147
SSS	W-12-6	132 CUB CV	1/22/19	280662	280664	26131	8	RPM	246.7
SSS	W-12-6	8100 WOLF CREEK CT	1/22/19	280663	280664	26132	8	RPM	370
SSS	E-10-3	2110 MENARDS DR	1/22/19	280617	280618	26085	8	PVC	255.9
SSS	E-10-3	2905 AUTUMNWOOD WAY	1/22/19	5437	5436	7393	8	RPM	137.7
SSS	E-10-3	2905 AUTUMNWOOD WAY	1/22/19	5438	5436	7394	8	RPM	105
SSS	E-10-3	4214 DERBY LN	1/22/19	5436	15122	7410	8	RCP	139.4
SSS	E-10-3	4214 DERBY LN	1/22/19	CO	15122	7412	8	RCP	121.5
SSS	E-10-3	2220 MENARDS DR	1/22/19	280618	280620	26087	8	PVC	287.7
SSS	E-10-3	2300 MENARDS DR	1/22/19	280620	280616	26088	8	PVC	384.5
SSS	E-10-3	2320 MENARDS DR	1/22/19	280616	281476	26080	10	PVC	35.1
SSS	W-12-6	8109 WOLF CREEK CT	1/23/19	280664	280665	26133	8	RPM	153
SSS	W-12-6	8100 WOLF CREEK CT	1/23/19	280665	280666	26134	8	RPM	307.7
SSS	W-12-6	8133 WOLF CREEK CT	1/23/19	280666	16246	26135	8	RPM	111.6
SSS	W-12-6	304 KEY WEST DR	1/23/19	16246	AWW	11915	10	RPM	252.9
SSS	W-12-6	738 ALYSSUM DR	1/23/19	16084	16083	13281	8	RPM	221.5
SSS	W-12-6	714 ALYSSUM DR	1/23/19	16083	16089	13285	8	RPM	153.1
SSS	E-10-3	2421 MENARDS DR	1/23/19	281476	281475	27166	10	PVC	403.6
SSS	W-12-6	8300 ASTER LN	1/23/19	16089	16090	13286	8	RPM	81.2
SSS	E-10-3	2445 MENARDS DR	1/23/19	281475	281474	27167	10	PVC	398.8
SSS	W-12-6	8404 ASTER LN	1/23/19	16090	16088	13202	8	RPM	350.4

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-3	2650 MENARDS DR	1/23/19	281474	281473	27168	10	PVC	402.4
SSS	W-12-6	8404 ASTER LN	1/24/19	135409	16088	13291	8	RPM	119.9
SSS	W-12-6	8404 ASTER LN	1/24/19	135410	135409	13290	8	RPM	98.3
SSS	W-12-6	8404 ASTER LN	1/24/19	14331	16088	13201	8	RPM	319.6
SSS	W-12-6	8434 ASTER LN	1/24/19	16088	14330	13200	8	RPM	245.1
SSS	W-12-6	8434 ASTER LN	1/24/19	14333	14332	13195	8	RPM	340
SSS	W-12-6	8434 ASTER LN	1/24/19	14332	14330	13194	8	RPM	81.3
SSS	W-12-6	8512 ASTER LN	1/24/19	14330	16094	13203	8	RPM	175.1
SSS	W-12-6	8532 ASTER LN	1/24/19	16093	16092	13205	8	RPM	409.2
SSS	E-10-3	4214 DERBY LN	1/24/19	15122	15121	7411	8	RPM	120
SSS	E-10-3	4213 DERBY LN	1/24/19	15121	15120	7409	8	RPM	58.7
SSS	E-10-3	4215 DERBY LN	1/24/19	15120	15118	7408	8	RPM	129.8
SSS	E-10-3	2711 AUTUMNWOOD WAY	1/24/19	4367	4368	7400	8	RPM	127.9
SSS	E-10-3	2808 MENARDS DR	1/24/19	281473	281472	27169	10	PVC	404.2
SSS	E-10-3	4215 DERBY LN	1/24/19	15119	15118	7407	8	RPM	234
SSS	E-10-3	4217 DERBY LN	1/24/19	15118	15117	7406	8	RPM	271.4
SSS	E-10-3	2808 MENARDS DR	1/24/19	281472	281471	27170	10	PVC	403.5
SSS	E-10-3	4200 PIRATES ALLEY	1/24/19	15117	4380	7405	8	RPM	18.6
SSS	E-10-3	2920 MENARDS DRIVE	1/24/19	281471	280716	27171	10	PVC	171.6
SSS	W-12-6	8212 BUCKRIDGE TRL	1/24/19	16092	16091	13204	8	RPM	131.8
SSS	W-12-6	8200 BUCK RIDGE TRL	1/24/19	16225	16224	13167	8	RPM	141.3
SSS	E-10-3	4645 MYSTIC CREEK DR	1/24/19	280715	280714	26189	8	RPM	270.9
SSS	E-10-3	4646 MYSTIC CREEK COURT	1/24/19	280713	280714	26190	8	RPM	61.2
SSS	E-10-3	4213 FOXCROFT WAY	1/24/19	4368	4369	7397	8	RPM	223.1
SSS	E-10-3	4201 FOXCROFT WAY	1/24/19	4369	4370	7022	8	RPM	217.3
SSS	E-10-3	2711 AUTUMNWOOD WAY	1/24/19	2675	4368	7019	8	RCP	65.5
SSS	E-10-3	2741 AUTUMNWOOD WAY	1/24/19	CO	4367	7385	8	RPM	64.8
SSS	E-10-3	2761 AUTUMNWOOD WAY	1/24/19	CO	4374	7384	8	RPM	75.9
SSS	E-10-3	4213 PIRATES ALLEY	1/24/19	4374	4373	7383	8	RPM	225.2
SSS	E-10-3	4213 PIRATES ALLEY	1/24/19	4373	4372	7382	8	RPM	223.8
SSS	E-10-3	4201 FOXCROFTWAY	1/24/19	4372	4371	7399	8	RPM	178.3
SSS	E-10-3	4201 FOXCROFT WAY	1/24/19	4370	4371	7021	8	RPM	108.9
SSS	W-12-6	344 CHARITY CIR	1/26/19	16100	16095	13179	8	RPM	36.7
SSS	W-12-6	344 CHARITY CIR	1/26/19	16095	16106	13180	8	RPM	143.2
SSS	W-12-6	344 CHARITY CIR	1/26/19	CO	16106	13181	8	RPM	43
SSS	W-12-6	220 CHARITY CIR	1/26/19	16106	16102	13183	8	RPM	307.3

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-6	220 CHARITY CIR	1/26/19	16102	16107	13189	8	RPM	19.3
SSS	W-12-6	132 CHARITY DR	1/26/19	16107	14958	13182	8	RPM	363.8
SSS	W-12-6	132 CHARITY CIR	1/26/19	CO	14958	13169	8	RPM	73
SSS	W-12-6	343 HOPE CT	1/26/19	16097	16096	13173	8	RPM	75.3
SSS	W-12-6	321 HOPE CT	1/26/19	16096	16098	13174	8	RPM	215.9
SSS	W-12-6	8048 HOPE CROSSING	1/26/19	16098	16099	13175	8	RPM	234.8
SSS	E-10-3	2651 SARATOGA DR	1/28/19	4334	4366	7020	8	RPM	123.1
SSS	E-10-3	2607 AUTUMNWOOD WAY	1/28/19	CO	4334	7392	8	RPM	93.8
SSS	E-10-3	3000 N GREEN RIVER RD	1/28/19	280716	280711	26187	10	RPM	179.2
SSS	W-12-6	8108 HOPE CROSSING	1/28/19	16104	16103	13207	8	RPM	135.3
SSS	W-12-6	8034 HOPE CROSSING	1/28/19	16103	16099	13176	8	RPM	187.2
SSS	W-12-6	8038 HOPE CROSSING	1/28/19	16099	16101	13166	8	RPM	79.5
SSS	W-12-6	8038 HOPE CROSSING	1/28/19	CO	16105	13177	8	RPM	70.9
SSS	W-12-6	8038 HOPE CROSSING	1/28/19	16105	16101	11910	8	RPM	132.8
SSS	W-12-6	220 CHARITY CIR	1/28/19	16101	16102	13178	8	RPM	317.1
SSS	E-10-3	4620 MYSTIC CREEK DR	1/28/19	280714	280711	26191	8	RPM	96.7
SSS	E-10-3	2657 KINGS RUN	1/28/19	4366	4379	7206	8	RPM	117.5
SSS	E-10-3	4542 MYSTIC CREEK DR	1/28/19	280710	280711	26192	8	PVC	159.3
SSS	E-10-3	4609 MYSTIC CREEK DR	1/28/19	280711	280712	26188	10	CAS	21.9
SSS	W-12-6	331 N FAITH WAY	1/28/19	CO	16108	13184	8	RPM	60
SSS	W-12-6	221 N FAITH WAY	1/28/19	16108	16109	13186	8	RPM	363.5
SSS	W-12-6	221 N FAITH WAY	1/28/19	CO	16109	13187	8	RPM	150.5
SSS	W-12-6	131 N FAITH WAY	1/28/19	16109	14962	13185	8	RPM	321.8
SSS	E-10-3	2607 KINGS CT	1/28/19	4333	4376	7016	8	RPM	95.5
SSS	E-10-3	2658 SARATOGA DR	1/28/19	4379	4377	7398	8	VCP	165.4
SSS	E-10-3	2607 KINGS CT	1/28/19	4377	4376	7017	8	RPM	146.3
SSS	E-10-3	4101 KINGS RUN	1/28/19	4376	4378	7018	8	RPM	221.3
SSS	E-10-3	4100 BOXWOOD LN	1/28/19	4378	5769	7376	8	VCP	321.3
SSS	E-10-3	4100 BOXWOOD LN	1/28/19	4371	5769	7377	8	RPM	263.7
SSS	E-10-3	2701 BOXWOOD LN	1/28/19	5769	4414	7402	10	RPM	450.9
SSS	W-12-6	8212 BUCK RIDGE TRL	1/29/19	16226	16225	13168	8	RPM	121.3
SSS	W-12-6	1022 FAWN CREEK DR	1/29/19	16224	16223	13165	8	RPM	244.1
SSS	W-12-6	936 FAWN CREEK DR	1/29/19	16223	16222	13164	8	RPM	411.7
SSS	W-12-6	850 FAWN CREEK	1/29/19	16222	16221	13199	8	RPM	409.2
SSS	W-12-6	8501 BUCK RIDGE TRL	1/29/19	16221	16218	13198	8	RPM	285.5
SSS	W-12-6	8437 BUCK RIDGE TRL	1/29/19	16220	16219	13197	8	RPM	145.7

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-6	8501 BUCK RIDGE TRL	1/29/19	16219	16218	13196	8	RPM	165.7
SSS	W-12-6	800 FAWN CREEK DR	1/29/19	16218	16217	13190	8	RPM	183.4
SSS	W-12-6	728 EICKHOFF RD	1/29/19	16217	16216	13191	8	RPM	323.8
SSS	W-12-6	8532 ASTER LN	1/29/19	16094	16091	13206	8	RPM	146.3
SSS	W-12-6	8540 ASTER LN	1/29/19	16091	AWW	11911	8	RPM	22.2
SSS	W-12-6	128 S FAITH WAY	1/29/19	16233	16234	13240	8	RPM	226.8
SSS	W-12-6	120 S FAITH WAY	1/29/19	16234	16235	13239	8	RPM	138.3
SSS	W-9-3	2447 LOCUST CREEK DR	2/1/19	14383	14387	11889	8	RPM	181.3
SSS	W-9-1	2214 ST JOSEPH INDUSTRIAL PARK DR	2/1/19	132506	132507	12499	10	RCP	403.5
SSS	W-9-3	2546 LOCUST CREEK DR	2/1/19	14384	14385	12829	8	PVC	417
SSS	W-9-3	2431 LOCUST CREEK DR	2/1/19	14385	14382	12830	8	PVC	158.4
SSS	W-9-3	2431 LOCUST CREEK DR	2/1/19	14387	14382	12831	8	RPM	33.6
SSS	W-9-3	2415 LOCUST CREEK DR	2/1/19	14382	14381	12832	8	PVC	327.9
SSS	E-10-3	2809 BOXWOOD LN	2/1/19	4380	281864	7403	12	RPM	232.2
SSS	E-10-3	2809 BOXWOOD LN	2/1/19	4413	281864	27229	8	RPM	79.9
SSS	E-10-3	2809 BOXWOOD LN	2/1/19	AEP	4413	7386	8	PVC	106.2
SSS	E-10-3	2809 BOXWOOD LN	2/1/19	AEP	4413	7404	8	RPM	140.7
SSS	W-12-6	8330 WOLF CREEK DR	2/1/19	14951	14950	13209	10	RPM	208.5
SSS	W-12-6	8310 WOLF CREEK DR	2/1/19	14950	14949	13208	10	RPM	203.7
SSS	W-12-6	8310 WOLF CREEK DR	2/1/19	14949	14948	12975	10	RPM	133.1
SSS	W-12-6	8502 WOLF CREEK CT	2/1/19	16245	16244	13214	8	RPM	111.8
SSS	E-10-3	4121 HUNTERS TRACE	2/1/19	5441	5440	7395	8	RPM	168.6
SSS	E-10-3	4131 HUNTERS TRACE	2/1/19	5440	5439	7396	8	RPM	146.2
SSS	W-12-6	8430 WOLF CREEK CT	2/2/19	16244	16243	13213	8	RPM	355.4
SSS	W-12-6	8320 WOLF CREEK CT	2/2/19	16243	16242	11912	8	RPM	198.3
SSS	W-12-6	8242 WOLF CREEK CT	2/2/19	16242	16247	12972	8	RPM	380.6
SSS	W-12-6	8242 WOLF CREEK CT	2/2/19	16248	16247	12977	8	RPM	114.9
SSS	W-12-6	8116 WOLF CREEK CT	2/2/19	14948	16246	12976	10	RPM	368.1
SSS	W-12-6	8116 WOLF CREEK CT	2/2/19	16247	16246	12973	8	RPM	173
SSS	W-12-6	8318 WISDOM WAY	2/2/19	284100	284097	30717	8	PVC	196.3
SSS	W-12-6	8318 WISDOM WAY	2/2/19	AEP	284100	30718	8	PVC	2.7
SSS	W-12-6	8323 WISDOM WAY	2/2/19	284099	284098	30715	8	PVC	175.2
SSS	W-12-6	8323 WISDOM WAY	2/2/19	284098	284097	30714	8	PVC	155.4
SSS	W-12-6	8318 WISDOM WAY	2/2/19	AEP	284098	30716	8	PVC	3
SSS	W-12-6	8320 BLESSING WAY	2/2/19	284097	284096	30713	8	PVC	403.3
SSS	W-12-6	8320 BLESSING WAY	2/2/19	280669	280874	28392	8	RPM	195.4

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-6	8320 BLESSING WAY	2/2/19	280874	280667	26136	8	PVC	410
SSS	W-12-6	8320 BLESSING WAY	2/2/19	284096	280874	30712	8	PVC	7.6
SSS	E-10-3	3209 CROSSBOW LN	2/4/19	282454	5762	8210	8	VCP	76.2
SSS	W-12-6	715 CRESTMONT DRIVE	2/4/19	126190	126191	13001	8	VCP	196
SSS	E-10-3	3220 COSSBOW LN	2/4/19	5795	5796	8204	8	VCP	385.5
SSS	E-10-3	3920 DEER TRL	2/4/19	5796	4421	8285	8	VCP	386.5
SSS	W-12-6	715 CRESTMONT DRIVE	2/4/19	126192	126191	13000	8	VCP	207.7
SSS	W-12-6	711 CRESTMONT DR	2/4/19	126191	126193	13002	8	VCP	251.6
SSS	W-12-6	705 CRESTMONT DR	2/4/19	126194	126193	13003	8	VCP	398.7
SSS	E-10-3	4008 DEER TRL	2/4/19	5775	5793	8221	8	VCP	231.8
SSS	W-12-6	722 AGATHON DR	2/5/19	282064	282063	28616	8	RPM	104.3
SSS	W-12-6	711 AGATHON DR	2/5/19	282063	126199	12233	8	VCP	315.2
SSS	W-12-6	773 PRIMROSE LN	2/5/19	172556	172555	24583	8	RPM	370.9
SSS	W-12-6	801 PRIMROSE LN	2/5/19	127555	127554	24584	8	RPM	132.6
SSS	W-12-6	615 CRESTMONT DR	2/5/19	126195	126189	13010	8	VCP	149.7
SSS	W-12-6	609 CRESTMONT DR	2/5/19	126198	126189	13009	8	VCP	249.2
SSS	W-9-3	2201 LEXINGTON RD	2/6/19	4805	125615	12493	10	VCP	345.5
SSS	W-9-3	2125 LEXINGTON RD	2/6/19	4806	4805	12494	10	RCP	226.3
SSS	W-9-3	2225 GLENVIEW DR	2/6/19	15064	15063	12496	8	RPM	277.1
SSS	W-9-3	2245 GLENVIEW DR	2/6/19	15063	15062	12846	8	RPM	268
SSS	W-9-3	2442 LEXINGTON RD	2/6/19	4626	4623	24421	8	VCP	439
SSS	W-9-3	2443 LEXINGTON RD	2/6/19	4623	4628	24426	8	VCP	303
SSS	W-9-3	2507 LEXINGTON RD	2/6/19	4630	4628	24427	8	VCP	307.7
SSS	W-9-3	2424 GLENVIEW DR	2/6/19	4622	4627	24428	8	VCP	205.3
SSS	W-9-3	2442 GLENVIEW DR	2/6/19	4627	4628	24429	8	VCP	265
SSS	E-10-3	3105 CROSSBOW LN	2/6/19	5774	5775	7387	8	VCP	296.3
SSS	E-10-3	3015 CROSSBOW LN	2/6/19	5773	5774	7378	8	RPM	297.6
SSS	E-10-3	3301 CROSSBOW LN	2/6/19	281433	5800	27112	12	VCP	125
SSS	E-10-3	3301 CROSSBOW LN	2/6/19	5798	5800	8209	8	RPM	248.4
SSS	E-10-3	3209 CROSSBOW LN	2/6/19	5800	5792	14978	8	PVC	418.7
SSS	E-10-3	4004 CROSSBOW LN	2/6/19	5793	5790	8218	12	VCP	31.7
SSS	E-10-3	4004 DEER TRL	2/6/19	5791	5790	14980	12	VCP	99.4
SSS	E-10-3	4004 CROSSBOW LN	2/6/19	5792	5791	14979	12	VCP	71.4
SSS	W-9-3	2607 LEXINGTON RD	2/7/19	4629	4630	24422	8	VCP	307
SSS	W-12-6	328 KEY WEST DR	2/7/19	14926	14937	13225	8	RPM	327.2
SSS	W-12-6	328 KEY WEST DR	2/7/19	14938	14937	13230	8	RPM	181.1

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-6	316 KEY WEST DR	2/7/19	14937	14924	13163	8	RPM	236.4
SSS	W-12-6	8100 BLESSING WAY	2/9/19	280668	282065	26139	8	RPM	119.9
SSS	W-12-6	8114 BLESSING WAY	2/9/19	282065	280670	28617	8	RPM	64.2
SSS	W-12-6	8210 BLESSING WAY	2/9/19	280667	280670	26138	8	RPM	241.5
SSS	W-12-6	426 KEY WEST DR	2/9/19	14943	14942	13220	8	RPM	137
SSS	W-12-6	416 KEY WEST DR	2/9/19	14942	14325	13219	8	RPM	221.8
SSS	W-9-3	2345 LEXINGTON RD	2/11/19	125615	4804	12492	10	VCP	347.3
SSS	W-9-3	2316 GLENVIEW DR	2/11/19	15060	15059	12495	8	PVC	12.4
SSS	W-9-3	4901 N ST JOSEPH AVE	2/11/19	14381	14380	12828	8	PVC	96.6
SSS	W-9-3	2391 LEXINGTON RD	2/11/19	4804	15059	12843	10	VCP	245.3
SSS	W-9-3	2316 GLENVIEW DR	2/11/19	15061	15060	12844	8	RPM	258.6
SSS	W-9-3	4707 N SAINT JOSEPH AVE	2/11/19	4825	4824	13574	12	VCP	373
SSS	W-9-3	4901 N SAINT JOSEPH AVE	2/11/19	4826	4825	15449	12	VCP	405.3
SSS	W-9-3	4901 N SAINT JOSEPH AVE	2/11/19	14380	4826	15450	12	VCP	383
SSS	W-9-3	5015 N SAINT JOSEPH AVE	2/11/19	4831	14380	15451	12	RCP	368.1
SSS	W-9-3	4220 N SAINT JOSPEH AVE	2/12/19	AEP	4846	12501	10	RCP	3.1
SSS	W-9-3	4607 N SAINT JOSEPH AVE	2/12/19	4824	4823	13573	12	VCP	374.5
SSS	W-9-3	2407 N SAINT JOSEPH AVE	2/12/19	4801	4802	24409	8	VCP	205.5
SSS	W-9-3	3906 SAINT JOSPEH AVE	2/12/19	4800	4801	24410	8	VCP	395.8
SSS	W-9-3	4101 N SAINT JOSPEH AVE	2/12/19	4802	4621	24411	8	VCP	401.1
SSS	W-9-3	4220 N SAINT JOSPEH AVE	2/12/19	4621	4828	24412	10	RCP	441
SSS	W-9-3	4220 N SAINT JOSPEH AVE	2/12/19	4846	4828	24413	10	RCP	348
SSS	W-9-3	2336 N SAINT JOSEPH AVE	2/12/19	15059	4803	24416	8	RPM	286.6
SSS	W-9-3	2512 LEXINGTON RD	2/12/19	4625	4623	24419	8	VCP	272
SSS	W-12-6	602 DREXEL DR	2/14/19	126177	126176	12990	8	VCP	243.8
SSS	W-12-6	630 MELS DRIVE	2/14/19	CO	282316	28894	8	RPM	46.4
SSS	W-12-6	620 AGATHON	2/14/19	126199	126197	13013	8	VCP	165
SSS	W-12-6	7280 BLESSIN WAY	2/14/19	16241	16228	12962	8	RPM	132.6
SSS	W-12-6	7838 BLESSING WAY	2/14/19	16228	16229	13237	8	RPM	138.4
SSS	W-12-6	100 S FAITH WAY	2/14/19	16229	16230	13236	8	RPM	186.8
SSS	W-12-6	110 S FAITH WAY	2/14/19	16235	16230	13238	8	RPM	280.6
SSS	W-12-6	100 S FAITH WAY	2/14/19	16232	16230	13235	8	RPM	356.7
SSS	W-9-3	2442 LEXINGTON RD	2/15/19	4624	4625	24420	8	VCP	275.4
SSS	W-12-6	29 N FAITH WAY	2/15/19	14962	14961	13188	8	RPM	277.8
SSS	W-12-6	8009 HOGUE RD	2/15/19	14958	14960	13171	8	RPM	201.3
SSS	W-12-6	8009 HOGUE RD	2/15/19	14961	14959	13172	8	RPM	244.8

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-6	8009 HOGUE RD	2/15/19	14960	14959	13170	8	RPM	51.2
SSS	W-12-6	720 DREXEL DR	2/15/19	14327	126181	12985	8	VCP	497.3
SSS	W-12-6	10 S FAITH WAY	2/15/19	14959	16227	12969	8	RPM	375.4
SSS	W-12-6	7911 BLESSING WAY	2/15/19	16230	16231	13234	8	RPM	176.5
SSS	W-12-6	7911 BLESSING WAY	2/15/19	16231	16227	12970	8	RPM	70.6
SSS	W-9-3	4101 N SAINT JOSEPH AVE	2/18/19	4803	4817	24414	10	RCP	370.8
SSS	W-9-3	4117 N SAINT JOSEPH AVE	2/18/19	4817	4818	24415	12	VCP	350.6
SSS	W-9-3	4301 N SAINT JOSPEH AVE	2/18/19	4828	4818	24418	10	RCP	68.1
SSS	W-9-1	1604 ALLENS LN	2/19/19	120787	120786	11504	8	RPM	172.8
SSS	W-9-1	1620 ALLENS LN	2/19/19	120786	120785	11505	8	RPM	48.8
SSS	W-9-1	3076 ALLENS LN	2/19/19	120784	38545	11506	8	VCP	76
SSS	W-9-1	1931 ALLENS LN	2/19/19	4767	4768	12471	8	VCP	84.7
SSS	W-9-1	4301 N SAINT JOSEPH INDUSTRIAL PARK	2/19/19	132507	4819	12500	10	RCP	396.8
SSS	W-9-1	1695 ALLENS LN	2/19/19	120785	120784	12673	8	RPM	56
SSS	W-9-1	1803 ALLENS LN	2/19/19	281973	38544	28557	8	VCP	405
SSS	W-9-1	1931 DANE RD	2/19/19	282149	4767	28716	8	RPM	250.1
SSS	W-12-6	712 DREXEL	2/19/19	126181	126180	12986	8	VCP	19.9
SSS	W-12-6	712 DREXEL	2/19/19	126180	281900	28474	8	VCP	13.3
SSS	W-12-6	622 DREXELL DR	2/19/19	281900	126179	12987	8	VCP	317
SSS	W-12-6	415 SUMMERLAND CT	2/19/19	14934	14933	13224	8	RPM	72.2
SSS	W-12-6	411 SUMMERLAND CT	2/19/19	14932	14933	13223	8	RPM	174.9
SSS	W-12-6	414 SUMMERLAND CT	2/19/19	14933	14939	13232	8	RPM	236.2
SSS	W-9-2	2264 COMMERCIAL CT	2/20/19	4793	4792	12479	8	RPM	354.2
SSS	W-9-2	2190 COMMERCIAL CT	2/20/19	125632	4793	12488	8	RPM	339.9
SSS	W-9-2	2203 ERIC CT	2/20/19	4773	4774	12841	8	RPM	189.9
SSS	W-9-2	2210 ERIC CT	2/20/19	4772	4773	12842	8	RPM	72.2
SSS	W-9-2	2130 COMMERCIAL CT	2/20/19	281904	125632	28478	8	VCP	131.2
SSS	W-9-2	2130 COMMERCIAL CT	2/20/19	281903	125632	28479	8	VCP	107.2
SSS	W-9-3	5901 N SAINT JOSEPH AVE	2/20/19	281934	281935	28518	8	RCP	154.6
SSS	W-9-3	5814 N SAINT JOSPEH AVE	2/20/19	281935	281967	28552	12	RCP	228.4
SSS	W-12-6	612 DREXEL	2/20/19	126179	126178	12988	8	VCP	413.3
SSS	W-12-6	608 DREXEL	2/20/19	126178	126177	12989	8	VCP	292.1
SSS	W-12-6	801 MELS DR	2/20/19	284275	126192	30950	8	RPM	142.6
SSS	W-12-6	431 SUMMERLAND CT	2/20/19	AEP	14934	30963	8	RPM	38.8
SSS	W-12-6	706 CRESTMONT DR	2/21/19	126193	126188	13004	8	VCP	176.9
SSS	W-12-6	711 CRESTMONT	2/21/19	126188	126187	13005	8	VCP	231.2

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-9-2	2208 ALLAN CT	2/22/19	4757	4758	12480	8	RPM	237.3
SSS	W-9-2	3229 N ELEVENTH AVE	2/22/19	4771	4779	12481	8	VCP	239.9
SSS	W-9-2	3112 N 12TH AVE	2/22/19	4781	4780	12482	8	VCP	434.1
SSS	W-9-2	3204 N 12TH AVE	2/22/19	4782	4781	12483	8	VCP	396
SSS	W-9-2	3312 N 12TH AVE	2/22/19	4783	4782	12484	8	VCP	417.2
SSS	W-9-2	3201 N ELEVENTH AVE	2/22/19	4778	4779	12838	8	VCP	46.6
SSS	W-9-2	3229 N ELEVENTH AVE	2/22/19	125631	4778	12839	8	RPM	194.6
SSS	W-9-2	3404 N ELEVENTH AVE	2/22/19	4774	125361	12840	8	RPM	271.7
SSS	W-9-2	3022 CROWLEY DR	2/22/19	125537	125536	21976	8	VCP	66.6
SSS	W-9-2	3025 CROWLEY DR	2/22/19	4748	125537	21977	8	VCP	572.7
SSS	W-9-2	3025 CROWLEY DR	2/22/19	125536	4754	21978	8	VCP	295.9
SSS	W-9-2	3129 N ELEVENTH AVE	2/22/19	4779	4758	21990	8	VCP	333.7
SSS	W-9-2	2204 ALLENS LN	2/22/19	4758	4756	22549	8	VCP	358.4
SSS	W-12-6	603 DREXEL DR	2/22/19	126176	126174	12991	8	RPM	183.8
SSS	W-9-2	2300 ALLENS LN	2/25/19	4751	4754	13545	12	VCP	46
SSS	W-9-2	2300 ALLENS LN	2/25/19	4754	4780	13549	12	VCP	111.6
SSS	W-9-2	3025 WESTBROOK CT	2/25/19	125535	4755	21974	8	VCP	291.1
SSS	W-9-2	3007 WESTBROOK CT	2/25/19	4770	125535	21975	8	VCP	378.4
SSS	E-10-3	2307 SARATOGA DR	2/25/19	80865	5736	22596	8	VCP	358.5
SSS	W-12-6	518 KEY WEST DR	2/25/19	CO	14945	11914	8	RPM	146.6
SSS	W-12-6	518 KEY WEST DR	2/25/19	14945	14928	13226	8	RPM	160.1
SSS	W-12-6	500 KEY WEST DR	2/25/19	14928	14927	13160	8	RPM	240.5
SSS	W-12-6	402 KEY WEST DR	2/25/19	14927	14926	13159	8	RPM	281.6
SSS	E-10-3	2404 SARATOGA DR	2/25/19	5736	168294	22599	8	VCP	304
SSS	E-10-3	2421 SARATOGA DR	2/25/19	168294	5753	22602	10	RPM	304.2
SSS	E-10-3	2503 SARATOGA DR	2/25/19	5753	5759	22592	10	RCP	133.9
SSS	E-10-3	2500 SARATOGA DR	2/25/19	5759	5758	22591	10	RCP	64.4
SSS	W-12-6	800 PRIMROSE LN	2/26/19	CO	172554	24582	8	RPM	86.7
SSS	W-12-6	801 PRIMROSE LN	2/26/19	172554	14328	24581	8	RPM	49.5
SSS	W-12-6	726 MELS DRIVE	2/26/19	14328	14327	12980	8	RPM	119
SSS	E-10-3	2314 SARATOGA DR	2/26/19	5738	5737	7967	8	VCP	407.1
SSS	W-12-6	618 CRESTMONT	2/26/19	126196	126189	13011	8	VCP	127.2
SSS	E-10-3	2501 HIALEAH DR	2/26/19	5737	5756	7968	8	VCP	401.7
SSS	E-10-3	2501 HIALEAH DR	2/26/19	5755	5756	22603	8	RPM	259.5
SSS	E-10-3	2501 HIALEAH DR	2/26/19	5758	5756	22590	10	RCP	146.9
SSS	W-12-6	618 AGATHON DRIVE	2/26/19	126197	126196	13012	8	VCP	63.8

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-6	616 CRESTMONT	2/26/19	126187	126186	13006	8	VCP	308.1
SSS	W-12-6	615 CRESTMONT	2/26/19	126189	126186	13008	8	VCP	195.6
SSS	E-10-3	2501 HIALEAH AVE	2/26/19	5756	5760	22589	10	RCP	146.2
SSS	E-10-3	2416 HIALEAH DR	2/26/19	5760	5761	22595	10	RCP	68.9
SSS	W-12-6	608 CRESTMONT DR	2/26/19	126186	126175	13007	8	VCP	240
SSS	E-10-3	4204 HUNTERS TRACE	2/26/19	5445	5444	7006	8	RPM	207.9
SSS	E-10-3	4204 HUNTERS TRACE	2/26/19	5446	5444	7010	8	RPM	74.5
SSS	W-12-6	712 DREXEL DR	2/27/19	126185	126184	12995	8	VCP	412
SSS	W-12-6	608 CRESTMONT	2/27/19	126182	126175	12998	8	RPM	111.8
SSS	W-12-6	605 DREXEL DRIVE	2/27/19	126183	126182	12997	8	RPM	188.4
SSS	E-10-3	4117 QUAIL HOLLOW	2/27/19	5444	5443	7007	8	RPM	193.3
SSS	E-10-3	3015 SARATOGA DR	2/27/19	5443	5442	7008	8	RCP	155.3
SSS	E-10-3	3015 SARATOGA DR	2/27/19	5439	5442	7009	8	RPM	246.9
SSS	E-10-3	3021 SARATOGA DR	2/27/19	5442	5448	7011	8	RPM	120
SSS	E-10-3	4212 QUAIL HOLLOW	2/27/19	CO	76250	7391	8	RPM	36.8
SSS	E-10-3	4212 QUAIL HOLLOW	2/27/19	CO	76250	7390	8	RPM	43.9
SSS	E-10-3	2416 HIALEAH AVE	2/28/19	5761	5762	22594	10	RCP	136.7
SSS	E-10-3	2420 HIALEAH DR	2/28/19	5763	5762	7401	8	VCP	156.8
SSS	W-12-6	331 LARGO CT	2/28/19	14325	14941	13218	8	RPM	305
SSS	W-12-6	322 KEY WEST DR	2/28/19	14941	14324	13217	8	RPM	268.3
SSS	W-12-6	8111 UPPER WEST TERRACE DR	2/28/19	14929	14930	13222	8	RPM	256
SSS	W-12-6	609 DREXEL DR	2/28/19	126184	126183	12996	8	VCP	265.8
SSS	W-12-6	8131 WEST TERRACE DR	2/28/19	14930	14931	12974	8	RPM	197.9
SSS	W-12-6	8131 UPPER WEST TERRACE DR	2/28/19	14931	14326	13162	8	RPM	138.7
SSS	W-12-6	415 SUMMERLAND CT	2/28/19	14326	14933	13229	8	RPM	160.1
SSS	W-12-6	606 CRESTMONT DR	3/1/19	126174	126173	12992	8	RPM	129.4
SSS	W-12-6	604 CRESTMONT DR	3/1/19	126173	126172	12993	8	RPM	118.2
SSS	W-12-6	602 CRESTMONT DR	3/1/19	126170	126172	12235	8	RPM	94.8
SSS	W-12-6	600 DREXEL DR	3/1/19	126172	126200	12994	8	RPM	136.8
SSS	W-12-6	602 CRESTMONT DR	3/1/19	126171	126170	12234	8	RPM	133.6
SSS	W-12-6	600 DREXEL	3/2/19	126175	126174	12999	8	PVC	33.1
SSS	E-10-3	3113 SARATOGA DR	3/2/19	5780	5781	8219	8	RPM	161.6
SSS	E-10-3	3113 SARATOGA DR	3/2/19	5781	5782	8220	8	RPM	45.9
SSS	W-12-6	623 MELS DR	3/2/19	15055	282318	28893	8	VCP	231.4
SSS	W-12-6	611 MELS DR	3/2/19	CO	15055	28896	8	VCP	89.4
SSS	W-12-6	721 DREXEL	3/2/19	15057	15058	12983	8	VCP	208.7

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-6	623 MELS DR	3/2/19	282316	282318	28895	8	RPM	265.7
SSS	W-12-6	705 MELS DR	3/2/19	282318	15056	12981	8	VCP	247.3
SSS	W-12-6	721 MELS DR	3/2/19	15056	15057	12982	8	VCP	509.1
SSS	W-12-6	720 DREXEL	3/2/19	15058	126181	12984	8	RPM	225
SSS	W-12-6	714 S EICKHOFF RD	3/2/19	284283	AWW	30965	10	PVC	10
SSS	E-10-3	3205 DEER TRAIL	3/2/19	5782	5793	8217	10	RCP	247.3
SSS	E-10-3	3116 AUTUMNWOOD WAY	3/2/19	76250	5778	7389	8	RPM	158.1
SSS	E-10-3	3116AUTUMNWOOD WAY	3/2/19	CO	5778	7388	8	RCP	38.42
SSS	E-10-3	4121 DEER TRL	3/2/19	5778	5779	7380	8	RPM	179.3
SSS	E-10-3	3920 CROSSBOW LN	3/2/19	5790	4421	14987	12	RPM	244.1
SSS	W-9-3	5600 N SAINT JOSEPH AVE	3/6/19	4844	4843	15487	12	RCP	447
SSS	W-9-3	5810 N SAINT JOSEPH AVE	3/6/19	281967	281936	28519	12	RCP	80.2
SSS	W-9-3	5700 N SAINT JOSEPH AVE	3/6/19	281966	4844	28520	12	RCP	236
SSS	W-9-3	5810 N SAINT JOSEPH AVE	3/6/19	281936	281966	28551	12	RCP	168.5
SSS	W-12-6	8031 BLESSING WAY	3/6/19	16227	14957	12968	10	RPM	405.8
SSS	W-12-5	9208 ALLISON DR	3/7/19	14998	14997	13268	8	RPM	188.2
SSS	W-12-5	9128 ALLISON DR	3/7/19	14999	14997	13257	8	RPM	126.8
SSS	W-12-5	9200 ALLISON DR	3/7/19	15000	14997	13258	8	RPM	72.2
SSS	W-12-5	1940 WILLOW CREEK DR	3/7/19	14996	14995	13266	8	RPM	101.6
SSS	W-12-5	2018 WILLOW CREEK DR	3/7/19	14995	14991	13265	8	RPM	327.6
SSS	W-12-5	9009 GREYSTONE CT	3/7/19	14992	14991	13270	8	RPM	93.3
SSS	E-10-3	4100 QUAIL HOLLOW	3/7/19	5448	5447	7012	8	RPM	46.3
SSS	E-10-3	3105 SARATOGA DR	3/7/19	5447	5780	7013	8	RPM	138.7
SSS	E-10-3	3109 SARATOGA DR	3/7/19	5779	5780	7381	8	RPM	319
SSS	W-12-5	9119 GREYSTONE CT	3/7/19	14993	14991	13271	8	RPM	177.4
SSS	W-12-5	9016 GREYSTONE CT	3/7/19	14991	14990	13264	8	RPM	162.5
SSS	W-12-5	9207 GREYSTONE CT	3/7/19	14994	14993	13269	8	RPM	341.8
SSS	W-12-5	9110 GREYSTONE CT	3/7/19	14990	14985	13263	8	RPM	189.2
SSS	W-12-5	9110 GREYSTONE CT	3/7/19	14985	14988	12521	8	RPM	22.9
SSS	W-12-5	9214 GREYSTONE CT	3/7/19	14989	14988	13256	8	RPM	365.1
SSS	W-12-6	516 S EICKHOFF DR	3/8/19	16249	16250	11913	8	RPM	216.7
SSS	W-12-5	9022 JILLIAN CT	3/8/19	14987	14986	13254	8	RPM	293.1
SSS	W-12-5	9202 JILLION CT	3/8/19	14981	14982	13251	8	RPM	298.6
SSS	W-12-6	516 S EICKHOFF RD	3/8/19	16250	16251	13805	8	RPM	214
SSS	W-12-6	714 EICKHOFF DR	3/8/19	16251	16252	13215	8	RPM	495.9
SSS	W-12-6	714 S EICKHOFF RD	3/8/19	16252	AWW	5059	8	RPM	86.3

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-5	9101 MEGHAN CT	3/8/19	14986	14982	13253	8	RPM	116.6
SSS	W-12-6	714 S EICKHOFF DR	3/8/19	16253	284283	11925	8	PVC	294.1
SSS	W-12-6	300 KEY WEST DR	3/8/19	14924	14925	13228	8	RPM	277.1
SSS	W-12-5	9101 MEGHAN CT	3/8/19	14982	14979	13250	8	RPM	163.9
SSS	W-12-5	9200 MEGHAN CT	3/8/19	14977	14978	13247	8	RPM	308.6
SSS	W-12-5	9100 MEGHAN CT	3/8/19	14980	14979	13249	8	RPM	286.4
SSS	W-12-5	9100 MEGHAN CT	3/8/19	14979	14978	13248	8	RPM	122.1
SSS	W-12-5	9109 JILLION CT	3/8/19	14988	14986	13255	8	RPM	161.5
SSS	W-9-3	4301 N SAINT JOSEPH AVE	3/11/19	4818	4819	24417	10	VCP	397.6
SSS	E-10-3	2503 SARATOGA DR	3/11/19	5754	5753	22593	8	VCP	357.2
SSS	E-10-3	2302 HIALEAH DR	3/11/19	76251	5740	7965	8	VCP	343.2
SSS	E-10-3	2408 HIALEAH DR	3/11/19	5740	5741	7966	8	VCP	355
SSS	E-10-3	2408 HIALEAH AVE	3/11/19	5762	5741	22598	12	RCP	240.8
SSS	E-10-3	2301 N STOCKWELL RD	3/11/19	5741	5742	22597	10	RPM	321
SSS	E-10-3	2301 N STOCKWELL RD	3/11/19	5742	5721	22600	10	RPM	325
SSS	E-10-3	3008 CROSSBOW LN	3/12/19	5770	5771	7205	8	RPM	114
SSS	E-10-3	4004 HUNTERS TRACE	3/12/19	5771	73816	5351	8	RPM	49.7
SSS	E-10-3	4004 HUNTERS TRACE	3/12/19	4435	73816	9075	8	PVC	18.1
SSS	E-10-3	2909 N STOCKWELL RD	3/12/19	4436	4435	9074	8	PVC	39.4
SSS	E-10-3	3020 CROSSBOW LN	3/12/19	4421	5776	14986	12	RPM	425
SSS	E-10-3	4004 HUNTERS TRACE	3/12/19	5776	73816	15106	12	RPM	371.8
SSS	W-9-2	2311 SHERIDAN RD	3/13/19	281946	4813	21992	8	VCP	354.8
SSS	W-9-2	2307 SHERIDAN RD	3/13/19	4816	281946	21993	8	VCP	54.7
SSS	W-12-5	9100 MARFIELD CT	3/13/19	14978	14984	13262	8	RPM	155.9
SSS	E-10-3	2912 SARATOGA DR	3/13/19	4414	15128	7413	12	VCP	139.4
SSS	E-10-3	2912 SARATOGA DR	3/13/19	15129	15128	7202	8	RPM	70
SSS	E-10-3	4001 HUNTER TRACE	3/13/19	73816	73817	15408	12	RPM	250.3
SSS	E-10-3	4005 HUNTERS TRACE	3/13/19	73817	73818	15409	12	VCP	193
SSS	E-10-3	4005 HUNTERS TRACE	3/13/19	15128	73818	7201	12	VCP	178.3
SSS	W-12-5	9103 MARFIELD CT	3/13/19	14983	14084	13252	8	RPM	286.9
SSS	W-9-2	3817 N SAINT JOSEPH AVE	3/14/19	4813	4796	22543	10	VCP	301
SSS	W-9-2	3520 N SAINT JOSEPH AVE	3/15/19	CO	4786	12487	8	RPM	44.7
SSS	W-9-2	3539 COMMERCIAL CT	3/15/19	4792	4785	12491	8	RPM	351
SSS	W-9-2	3416 N SAINT JOSEPH AVE	3/15/19	38503	38504	13568	15	RPM	285.2
SSS	W-9-2	3510 N SAINT JOSEPH AVE	3/15/19	4786	38503	13569	15	RPM	136.6
SSS	W-9-2	3510 N SAINT JOSEPH AVE	3/15/19	4786	38503	13570	12	RPM	61.3

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-9-2	3601 N SAINT JOSEPH AVE	3/15/19	4795	4785	22541	10	VCP	68
SSS	W-9-2	3701 N SAINT JOSEPH AVE	3/15/19	281969	4795	22542	10	VCP	406.3
SSS	W-9-2	3701 N SAINT JOSEPH AVE	3/15/19	4796	281969	28553	10	VCP	90
SSS	E-10-3	4201 HUNTERS TRACE	3/15/19	AEP	5441	30964	8	RPM	4.1
SSS	E-10-3	2301 N STOCKWELL RD	3/16/19	5764	5721	15110	15	RPM	330.9
SSS	E-10-3	2301 N STOCKWELL RD	3/16/19	73821	5719	15179	15	RCP	344.5
SSS	E-10-3	2301 N STOCKWELL RD	3/16/19	5719	281863	15382	15	RCP	350.5
SSS	E-10-3	2301 N STOCKWELL RD	3/16/19	5721	73821	22601	15	RCP	236.1
SSS	E-10-3	1918 N COLONY RD	3/16/19	281863	50982	28430	15	RCP	104.2
SSS	W-12-5	2536 WILLOWCREEK DR	3/16/19	14965	AWW	12265	8	RPM	334.1
SSS	W-12-5	2535 WILLOWCREEK DR	3/16/19	14966	14965	12266	8	RPM	119.5
SSS	W-12-5	2525 WILLOWCREEK DR	3/16/19	14967	14966	12267	8	RPM	201.8
SSS	W-12-5	2515 WILLOWCREEK DR	3/16/19	CO	14967	13241	8	RPM	99.8
SSS	W-12-5	9205 HANNA CT	3/16/19	14969	14968	13242	8	RPM	141.2
SSS	W-12-5	2515 WILLOWCREEK DR	3/16/19	14968	14967	13243	8	RPM	295.6
SSS	W-12-5	9205 HANNA CT	3/16/19	14970	14968	13244	8	RPM	311
SSS	W-12-5	9200 RYAN CT	3/16/19	14971	14970	13245	8	RPM	234.7
SSS	W-12-5	2320 WILLOW CREEK DR	3/16/19	14975	14974	13246	8	RPM	189.1
SSS	W-12-5	9200 RYAN CT	3/16/19	14974	14970	13259	8	RPM	113.1
SSS	W-12-5	2310 WILLOW CREEK DR	3/16/19	14976	14975	13260	8	RPM	303.5
SSS	W-12-5	2310 WILLOW CREEK DR	3/16/19	14984	14975	13261	8	RPM	132.3
SSS	E-10-3	2813 N STOCKWELL RD	3/16/19	73820	73819	15410	15	RPM	30.7
SSS	E-10-3	2713 N STOCKWELL RD	3/16/19	73819	5667	15407	15	RPM	347.2
SSS	E-10-3	2701 N STOCKWELL RD	3/16/19	5667	5766	15108	15	RPM	411.2
SSS	E-10-3	2501 N STOCKWELL RD	3/16/19	5766	5765	15109	15	RPM	232.9
SSS	E-10-3	2501 N STOCKWELL RD	3/16/19	5765	5764	15107	15	RPM	401.2
SSS	W-9-3	5208 WESTCHESTER DR	3/18/19	AEP	4838	24629	8	RPM	47.8
SSS	W-9-2	3810 N TWELFTH AVE	3/18/19	281945	281946	28529	8	VCP	237.8
SSS	W-12-6	310 KEY WEST DR	3/18/19	14324	14940	13158	8	RPM	286.8
SSS	W-12-6	304 SUMMERLAND CT	3/18/19	14940	14923	13216	8	RPM	172.7
SSS	W-12-6	304 KEY WEST DR	3/18/19	14925	14923	13233	8	RPM	122.7
SSS	W-12-6	304 KEY WEST DR	3/18/19	14923	AWW	13161	8	RPM	23
SSS	W-12-6	8115 BLESSING WAY	3/18/19	14957	14956	12971	10	RPM	232.5
SSS	W-12-6	8142 BLESSING WAY	3/18/19	14956	280670	29328	10	RPM	102
SSS	W-12-6	7510 HOGUE RD	3/18/19	16237	16238	12966	8	RPM	105.3
SSS	W-12-6	7510 HOGUE RD	3/18/19	16236	16237	12967	8	RPM	340

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-6	770 HOGUE RD	3/18/19	16238	16239	12965	8	RPM	405.1
SSS	W-12-5	7020 CLIFTWOOD DR	3/19/19	283328	283325	29864	8	PVC	189
SSS	W-12-5	9020 CLIFTWOOD DR	3/19/19	283326	283325	29861	8	PVC	129
SSS	W-12-6	7720 HOGUE RD	3/19/19	16239	16240	12964	8	RPM	289.2
SSS	W-12-6	7827 HOGUE RD	3/19/19	16240	16241	12963	8	RPM	113.8
SSS	W-12-5	7120 CLIFTWOOD DR	3/19/19	283323	283324	29859	8	PVC	197
SSS	W-12-5	7100 CLIFTWOOD DR	3/19/19	283325	283324	29860	8	PVC	190
SSS	W-12-6	8142 BLESSING WAY	3/19/19	280670	14955	12979	10	RPM	163
SSS	W-12-6	8222 BLESSING WAY	3/19/19	14955	14954	12978	10	RPM	228.2
SSS	W-12-5	7112 ARDEN CT	3/19/19	283324	283327	29862	8	PVC	415
SSS	W-12-5	7149 ARDEN CT	3/19/19	283327	282755	29863	8	PVC	230
SSS	W-12-6	8320 BLESSING WAY	3/19/19	14954	14953	13212	10	RPM	374.6
SSS	W-12-6	100 EICKHOFF DR	3/19/19	14953	14952	13211	10	RPM	207
SSS	W-12-5	8600 BENNETT LN	3/19/19	15036	281892	28463	15	RCP	216
SSS	W-12-5	839 TAWNY DR	3/20/19	282749	282750	29341	8	PVC	217
SSS	W-12-5	7111 STELLAR DR	3/20/19	282750	282751	29342	8	PVC	402
SSS	W-12-5	9351 FARMINGTON DR	3/20/19	126701	126702	12238	8	RPM	80.9
SSS	W-12-5	9351 FARMINGTON DR	3/20/19	CO	126702	12239	8	RPM	56.8
SSS	W-12-5	9321 MCDOWELL RD	3/20/19	126705	126704	12240	8	RPM	214.6
SSS	W-12-5	9351 FARMINGTON DR	3/20/19	126704	126701	12241	8	RPM	337.6
SSS	W-12-5	7127 STELLAR DR	3/20/19	282751	282752	29339	8	PVC	220.1
SSS	W-12-5	7137 STELLER DR	3/20/19	283329	282752	29865	8	PVC	272
SSS	W-12-5	7150 ARDEN CT	3/20/19	282752	282753	29340	8	PVC	128.6
SSS	W-12-5	9506 FARMINGTON DR	3/20/19	126699	126700	12236	8	RPM	134.1
SSS	W-12-5	931 FARMINGTON DR	3/20/19	126700	126701	12237	8	RPM	413
SSS	W-12-5	7149 ARDEN CT	3/20/19	282755	282753	29336	8	PVC	307
SSS	W-12-5	7149 STELLER DR	3/20/19	282753	282754	29337	8	PVC	29
SSS	W-12-5	8600 UNIVERSITY BLVD	3/21/19	282092	284301	12246	15	VCP	379.6
SSS	W-9-2	3322 N SAINT JOSEPH AVE	3/21/19	4789	4791	13566	15	RPM	356.2
SSS	W-9-2	3322 N SAINT JOSEPH AVE	3/21/19	38504	4789	13567	15	RPM	345.8
SSS	W-9-2	3100 N SAINT JOSEPH AVE	3/21/19	4791	4753	13585	15	RPM	350.9
SSS	W-12-5	8600 UNIVERSITY BLVD	3/21/19	284301	126270	30983	15	VCP	239.9
SSS	W-12-5	7100 STELLER DR	3/21/19	282754	280700	29338	8	PVC	26
SSS	W-12-5	9217 FARMINGTON DR	3/21/19	126702	126706	12242	8	RPM	287.9
SSS	W-12-5	7216 STEPPE WAY	3/21/19	280700	280699	26178	8	PVC	140
SSS	W-12-5	9201 FARMINGTON DR	3/21/19	126706	282159	28731	8	RPM	282.7

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-5	7315 STEPPE WAY	3/21/19	280699	280698	26179	8	PVC	296.1
SSS	W-12-5	7301 STEPPE WAY	3/21/19	280698	280697	26180	8	PVC	81
SSS	W-12-5	814 STELLER DR	3/21/19	280697	AWW	26181	8	PVC	8
SSS	W-12-5	9017 FARMINGTON DR	3/21/19	126707	282158	28730	8	RPM	257.9
SSS	W-12-5	9111 FARMINGTON DR	3/21/19	126708	126707	12245	8	VCP	211.5
SSS	W-12-5	8600 UNIVERSITY BLVD	3/21/19	282158	126709	12244	8	RPM	246.5
SSS	W-12-5	9111 FARMINGTON DR	3/21/19	282159	126707	12243	8	RPM	292.5
SSS	W-12-5	7170 LOCUST TREE LANE	3/21/19	15050	15048	12247	8	RPM	445.1
SSS	W-12-5	8600 UNIVERSITY BLVD	3/21/19	126709	282092	28645	8	RPM	269.6
SSS	W-12-5	8600 UNIVERSITY BLVD	3/21/19	126270	AWW	28720	15	RPM	17.2
SSS	W-12-5	7107 LOCUST TREE LN	3/21/19	15051	126053	12248	8	RPM	430.5
SSS	W-12-5	7107 LOCUST TREE LANE	3/21/19	15048	126053	12249	8	RPM	169.4
SSS	W-12-5	7416 PINE RIDGE DR	3/23/19	15017	15016	12261	8	RPM	121.5
SSS	W-12-5	7420 PINE RIDGE DR	3/23/19	284303	15014	12264	8	RPM	340.4
SSS	W-12-5	7416 PINE RIDGE DR	3/23/19	15016	15015	12260	8	RPM	133.4
SSS	W-12-5	7420 PINE RIDGE DR	3/23/19	15015	15013	12259	8	RPM	356.9
SSS	W-12-5	7420 PINE RIDGE DR	3/23/19	15014	15013	12258	8	RPM	219.1
SSS	W-12-5	7420 PINE RIDGE DR	3/23/19	15013	15010	12257	8	RPM	325.1
SSS	W-12-5	7440 RICH LYNN DR	3/23/19	126722	15007	12262	8	RPM	438.6
SSS	W-12-5	1930 WILLOW CREEK DR	3/25/19	14997	14996	13267	8	RPM	337.1
SSS	E-10-2	3610 REIS AVE	3/25/19	50404	14313	5097	10	RPM	281.4
SSS	E-10-2	3622 REIS AVE	3/25/19	14313	14314	9007	10	RPM	2
SSS	W-12-5	1750 SCHUTTE RD	3/25/19	15044	15043	13278	8	VCP	226.8
SSS	E-10-2	3737 REIS AVE	3/25/19	14314	4361	24082	10	RCP	340.7
SSS	W-12-5	1701 SCHUTTE RD	3/25/19	15043	15046	13275	8	VCP	182.4
SSS	W-12-5	1701 SCHUTTE RD	3/25/19	15046	15045	13276	8	RPM	188.5
SSS	W-12-5	1701 SCHUTTE RD	3/25/19	15045	15040	13273	8	RPM	181.5
SSS	W-12-5	1701 SCHUTTE RD	3/25/19	15040	15041	13277	8	RPM	148.1
SSS	W-12-5	1701 SCHUTTE RD	3/25/19	15041	284302	13272	8	RPM	249
SSS	E-10-2	1928 REIS AVE	3/25/19	4361	4360	24083	10	RCP	365.7
SSS	W-9-2	2811 N SAINT JOSPEH AVE	3/26/19	4749	4750	12515	8	VCP	47
SSS	W-9-2	3006 N SAINT JOSPEH AVE	3/26/19	38506	38505	22553	10	VCP	313.4
SSS	W-12-5	1111 BENNETT LN	3/26/19	283462	283463	30013	12	RCP	109
SSS	W-12-5	1111 BENNETT LN	3/26/19	15022	283462	15567	12	RCP	136.8
SSS	W-12-5	1111 BENNETT LN	3/26/19	283463	126259	30012	12	RCP	127
SSS	E-10-2	1605 THEATHER DR	3/26/19	5671	5676	24090	8	VCP	235.2

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-2	1801 MORAN CENTER DR	3/26/19	5632	5631	22407	8	RPM	219.6
SSS	E-10-2	1801 MORGAN CENTER DR	3/26/19	5631	4184	22405	8	RPM	144.3
SSS	E-10-2	1801 MORGAN CENTER DR	3/26/19	AEP	4184	7950	8	RPM	255.2
SSS	E-10-2	1721 THEATER DR	3/26/19	5676	5677	24091	8	VCP	237.8
SSS	E-10-2	1700 MORAN CENTER DR	3/26/19	4184	4181	22406	8	RPM	242.1
SSS	E-10-2	1700 MORGAN CENTER DR	3/26/19	4183	4181	9006	8	RPM	254.8
SSS	E-10-2	1700 MORGAN CENTER DR	3/26/19	4182	4181	7951	8	RPM	166
SSS	E-10-2	1909 NEWTON AVE	3/27/19	5658	5652	22102	8	RCP	403.5
SSS	E-10-2	1813 NEWTON AVE	3/27/19	5652	282441	29013	8	RCP	358.4
SSS	E-10-2	1912 THEATER DR	3/28/19	4360	5684	24088	10	RPM	336.9
SSS	E-10-2	4635 MAXWELL AVE	3/28/19	282441	5651	22103	8	RCP	352.1
SSS	E-10-2	4401 MAXWELL AVE	3/28/19	4181	5651	22404	8	RPM	138.2
SSS	E-10-2	4321 MAXWELL AVE	3/28/19	284310	284313	22563	8	RCP	163.5
SSS	E-10-2	4321 MAXWELL AVE	3/28/19	5651	284310	30994	8	RCP	11.1
SSS	E-10-2	4321 MAXWELL AVE	3/28/19	284313	5650	30999	8	RCP	52.4
SSS	E-10-2	1801 THEATER DR	3/28/19	5684	5677	24089	10	RCP	341
SSS	E-10-2	4250 MAXWELL AVE	3/28/19	5648	5647	7955	10	VCP	206.6
SSS	E-10-2	4307 MAXWELL AVE	3/28/19	5650	5648	22104	8	VCP	306
SSS	E-10-2	1627 SHEPHERD DR	3/28/19	5647	5646	7942	10	VCP	235.2
SSS	E-10-2	1708 SHEPHERD DR	3/28/19	5644	5645	7949	8	VCP	150.4
SSS	E-10-2	1627 SHEPHERD DR	3/28/19	5645	5646	7943	8	VCP	37.6
SSS	E-10-2	1831 N IROQUOIS DR	3/29/19	5643	168087	22098	8	RCP	248.8
SSS	E-10-2	1917 N IROQUOIS DR	3/29/19	168087	5733	22105	8	RCP	306.5
SSS	E-10-2	4309 KECK AVE	3/29/19	5733	5732	22099	8	RCP	305.6
SSS	E-10-2	4501 MORGAN AVE	3/30/19	CO	5621	7945	8	RPM	89.8
SSS	E-10-2	4313 MORGAN AVE	3/30/19	5621	5622	7946	8	RPM	305.3
SSS	E-10-2	4225 MORGAN AVE	3/30/19	5622	5623	7947	8	RPM	348.3
SSS	E-10-2	4125 MORGAN AVE	3/30/19	5623	5624	7948	8	RPM	286.6
SSS	E-10-2	3807 MAXWELL CT	4/1/19	5682	5683	5095	8	RPM	141.7
SSS	E-10-2	3808 CINNAMON TRAIL	4/1/19	AEP	5683	5104	8	RPM	77
SSS	E-10-2	3809 MAXWELL CT	4/1/19	5683	5633	5105	8	RPM	215.6
SSS	E-10-2	1845 GINGER LN	4/1/19	5633	5635	5108	8	RPM	87.4
SSS	E-10-2	1812 COLONY RD	4/1/19	5635	5634	11322	8	RPM	7.2
SSS	E-10-2	3811 CINNAMON TRAIL	4/1/19	CO	5681	5099	8	RPM	58.2
SSS	E-10-2	1808 GINGER LN	4/1/19	5681	5680	5100	8	VCP	36.5
SSS	E-10-2	1808 GINGER LN	4/2/19	5680	5679	5101	8	RPM	64.1

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-2	1906 N COLONY	4/2/19	50982	99093	15384	15	RPM	380
SSS	E-10-2	4210 KECK AVE	4/2/19	5731	5730	22365	10	RCP	150.7
SSS	E-10-2	4300 KECK AVE	4/2/19	5735	5734	22366	8	RCP	277.9
SSS	E-10-2	4210 KECK AVE	4/2/19	5734	5731	22367	8	VCP	260.4
SSS	E-10-2	4210 KECK AVE	4/3/19	5732	5730	22100	8	RCP	266.2
SSS	E-10-2	1800 N IROQUOIS DR	4/3/19	AEP	5641	22362	8	RCP	53.8
SSS	E-10-2	1901 SHEPHERD DR	4/3/19	5641	5642	22363	10	RCP	403.4
SSS	E-10-2	1801 THEATER DR	4/3/19	5679	5678	11318	8	RPM	34.3
SSS	E-10-2	1907 SHEPHERD DR	4/3/19	5642	5730	22364	10	RCP	404.3
SSS	E-10-2	3809 CINNAMON TRL	4/3/19	CO	5680	5102	8	RPM	115.5
SSS	E-10-2	1801 THEATER DR	4/3/19	5677	5678	24093	10	RCP	290.4
SSS	E-10-2	1940 SHEPHERD DR	4/3/19	5730	5728	22353	10	RCP	269.9
SSS	E-10-2	3700 THEATER DR	4/4/19	AEP	5671	24092	10	VCP	3.3
SSS	E-10-2	1826 SHEPHERD DR	4/4/19	5639	5638	22357	8	RCP	333.1
SSS	E-10-2	1908 SHEPHERD DR	4/4/19	5638	5729	22358	8	RCP	341.8
SSS	E-10-2	2000 SHEPHERD DR	4/5/19	5725	5724	22350	8	RCP	52.7
SSS	E-10-2	2000 SHEPHERD DR	4/5/19	5727	5724	22359	10	RCP	60
SSS	E-10-2	1934 SHEPHERD DR	4/5/19	5729	5728	22361	10	RCP	341.9
SSS	E-10-2	4115 THEATER DR	4/5/19	AEP	5725	22351	8	RCP	86.9
SSS	E-10-2	2000 SHEPHERD DR	4/6/19	5728	5727	22352	10	RCP	62.9
SSS	E-10-2	4021 THEATER DR	4/6/19	5724	5723	22360	10	RCP	220.5
SSS	E-10-2	4021 THEATER DR	4/6/19	281227	5723	27031	8	RCP	160.2
SSS	E-10-2	1800 N MEADOW RD	4/6/19	5636	5637	22354	8	RCP	427.5
SSS	E-10-2	1833 N COLONY	4/8/19	5637	5722	22355	8	RCP	411.6
SSS	E-10-2	1907 N COLONY	4/8/19	5722	281227	22356	8	RCP	252.1
SSS	E-10-2	2900 THEATER DR	4/8/19	5723	50982	22368	10	RCP	254
SSS	E-10-2	1801 GINGER LN	4/9/19	5678	282091	24095	10	RCP	267.1
SSS	E-10-2	1804 N COLONY	4/9/19	5634	282091	15381	15	RCP	272.3
SSS	E-10-2	1824 N COLONY	4/10/19	99093	5634	15383	15	VCP	357.6
SSS	E-10-2	4004 E MORGAN AVE	4/10/19	5653	5654	7961	8	RCP	260
SSS	E-10-2	4201E MORGAN AVE	4/10/19	5624	5625	7952	8	CAS	70.5
SSS	E-10-2	4200 E MORGAN AVE	4/10/19	5625	5626	7953	8	RPM	94.6
SSS	E-10-2	1410 STOCKWELL RD	4/10/19	281276	281277	26900	8	RPM	314
SSS	E-10-2	1410 STOCKWELL RD	4/10/19	281277	281278	26901	8	PVC	125.7
SSS	E-10-2	1410 N STOCKWELL RD	4/10/19	281274	281275	26898	8	RPM	109.4
SSS	E-10-2	1420 N STOCKWELL RD	4/10/19	281275	281276	26899	8	RPM	235.2

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-2	1712 N COLONY	4/10/19	5655	281448	15009	15	VCP	217.5
SSS	E-10-2	1720 N COLONY	4/10/19	282091	5655	15681	15	RCP	93
SSS	E-10-2	1422 STOCKWELL RD	4/10/19	281278	283812	26902	8	RPM	55.2
SSS	E-10-2	4001 E EICHEL AVE	4/10/19	5617	15158	7962	8	RPM	361.1
SSS	E-10-2	1422 STOCKWELL RD	4/10/19	15158	15159	8031	8	RPM	59.9
SSS	E-10-2	4000 E EICHEL AVE	4/10/19	5619	5620	22153	8	RPM	159.1
SSS	W-9-2	1931 W BUENA VISTA RD	4/11/19	131884	131897	21979	10	VCP	183
SSS	W-9-2	2110 W BUENA VISTA RD	4/11/19	131879	281963	21980	12	VCP	279.5
SSS	W-9-2	2023 ALLENS LN	4/11/19	131880	131881	21981	12	VCP	404
SSS	W-9-2	2029 ALLENS LN	4/11/19	131881	131882	21982	12	VCP	401
SSS	W-9-2	2023 ALLENS LN	4/11/19	281963	131880	28550	12	VCP	401
SSS	W-9-2	INTERSECTION OF ALLENS LN AND N ST .	4/13/19	4753	4752	15488	15	RPM	92
SSS	W-9-2	INTERSECTION OF ALLENS LN AND N ST .	4/13/19	4752	281968	22540	15	RPM	47.1
SSS	W-9-2	3205 N SAINT JOSEPH AVE	4/13/19	4790	4752	22556	10	VCP	376
SSS	W-9-3	W MILLRD AND N SAINT JOSEPH AVE	4/13/19	4830	4831	24314	12	RCP	42.6
SSS	W-9-3	2401 N SAINT JOSEPH AVE	4/13/19	4832	4830	24315	12	RCP	202.8
SSS	W-9-4	2428 BEMENT AVE	4/15/19	8285	8286	11395	8	VCP	102.1
SSS	W-9-4	2428 BEMENT AVE	4/15/19	8286	8287	11396	8	VCP	189.2
SSS	W-9-4	1801 CHARLOTTE AVE	4/15/19	8287	8279	11399	8	VCP	169.1
SSS	W-9-4	1721 CHARLOTTE AVE	4/15/19	8279	99124	12382	8	ZZZ	234.9
SSS	W-9-4	1722 CHARLOTTE AVE	4/15/19	8280	99124	12383	8	VCP	140.4
SSS	W-9-4	2601 N SAINT JOSEPH AVE	4/15/19	99780	99781	12514	8	RPM	221
SSS	W-9-4	2458 BUCHANAN RD	4/15/19	4744	282859	13584	12	RPM	96.5
SSS	W-9-4	1704 RUSSELL AVE	4/15/19	99124	8154	23083	8	VCP	206.5
SSS	W-9-4	1701 RUSSELL AVE	4/15/19	8275	8154	23084	8	VCP	157.5
SSS	W-9-4	1705 RUSSELL AVE	4/15/19	8276	8275	23085	8	VCP	172.1
SSS	W-9-4	1609 RUSSELL AVE	4/15/19	8154	8153	23086	8	VCP	303.7
SSS	W-9-4	1545 SUMMIT DR	4/15/19	281062	4744	26747	12	RPM	74.9
SSS	W-9-4	2428 BEMENT AVE	4/15/19	CO	8286	28615	8	VCP	115.7
SSS	W-9-4	2458 BUCHANAN RD	4/15/19	282859	4745	29444	12	RPM	139
SSS	E-10-1	3813 HERNDON DR	4/15/19	CO	5686	24055	8	VCP	123.8
SSS	E-10-1	3813 HERNDON DR	4/15/19	5685	5686	24077	8	VCP	237.1
SSS	E-10-1	3545 STANMORE DR	4/15/19	280140	280139	24872	8	RPM	116.7
SSS	E-10-1	4241 HALFORD DR	4/15/19	280146	280147	24655	8	RPM	281.6
SSS	E-10-1	4133 HALFORD DR	4/15/19	280147	280122	24656	8	RPM	214.8
SSS	E-10-1	3530 STANMORE DR	4/15/19	280139	280122	24873	8	RPM	169.7

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-1	3713 HERNDON DR	4/15/19	5686	5687	24076	8	VCP	326.9
SSS	E-10-1	3609 HERNDON DR	4/15/19	5687	5688	24075	8	VCP	301.8
SSS	E-10-1	3513 HERNDON DR	4/16/19	5688	5691	24054	8	VCP	371.4
SSS	E-10-1	3816 E NEGLEY AVE	4/16/19	5742	5748	7204	8	VCP	413.7
SSS	E-10-1	3521 PIGEIONBRKE CT	4/16/19	280145	280144	24657	8	RPM	418
SSS	E-10-1	4233 SHADWELL DR	4/16/19	280144	280123	24658	8	RPM	260.8
SSS	W-9-4	1365 MESKER PARK DR	4/19/19	8290	8150	11397	8	VCP	354.1
SSS	W-9-4	4405 MESKER PARK DR	4/19/19	8288	8290	12283	8	VCP	305
SSS	W-9-4	1431 MESKER PARK DR	4/19/19	8284	8288	13497	8	VCP	340.4
SSS	W-9-4	1600 N SAINT JOSPEH AVE	4/19/19	8145	8144	23075	10	RCP	143.6
SSS	W-9-4	1500 N SAINT JOSEPH AVE	4/19/19	8143	8138	23077	10	VCP	259
SSS	W-9-4	2421 RUBY AVE	4/19/19	8153	8152	23080	10	VCP	128.3
SSS	W-9-4	1509 RUSSELL AVE	4/19/19	8142	8141	6452	8	VCP	178
SSS	W-9-4	1524 RUSSELL AVE	4/19/19	8141	8152	6453	8	VCP	68
SSS	W-9-4	2409 RUBY AVE	4/19/19	8152	8144	6454	10	VCP	155.8
SSS	W-9-4	1305 MESKER PARK DR	4/19/19	8149	8151	6458	8	VCP	206
SSS	W-9-4	1323 MESKER PARK DR	4/19/19	8150	8149	6459	8	VCP	359.1
SSS	E-10-1	4111 SHADWELL DR	4/22/19	280122	280121	24860	8	RPM	266.2
SSS	E-10-1	4111 SHADWELL DR	4/22/19	280123	280121	24859	8	RPM	312.5
SSS	E-10-1	3405 SHADWELL DR	4/22/19	280121	280120	24861	8	RPM	317.4
SSS	E-10-1	3405 SHADWELL DR	4/22/19	280120	280119	24862	8	RPM	145.8
SSS	E-10-1	3712 E NEGLEY AVE	4/22/19	5751	5750	5350	8	RPM	326.6
SSS	E-10-1	3712 JOAN AVE	4/22/19	5750	5746	5349	8	RPM	155
SSS	W-9-4	1608 N SAINT JOSPEH AVE	4/23/19	8148	8145	23087	8	VCP	205.1
SSS	E-10-1	3824 PARK RIDGE DR	4/23/19	CO	4175	8227	8	RPM	70.4
SSS	E-10-1	3704 PARK RIDGE DR	4/23/19	CO	4447	8231	8	RPM	96.3
SSS	E-10-1	3407 STOCKWELL RD	4/24/19	280119	280118	24863	8	RPM	134.4
SSS	E-10-1	3912 WINDSONG CV	4/24/19	4444	280118	24857	10	RPM	308
SSS	E-10-1	3704 PARK RIDGE DR	4/24/19	CO	4447	11245	8	RPM	30.5
SSS	E-10-1	3824 PARK RIDGE DR	4/24/19	4446	4175	8228	8	RPM	183.6
SSS	E-10-1	3924 SEASONS PL	4/24/19	4175	4445	8226	8	RPM	170.7
SSS	E-10-1	3924 SEASONS PTE	4/24/19	4447	4445	8230	8	RPM	326.3
SSS	E-10-1	3600 HERNDON DR	4/24/19	5696	5697	24062	8	VCP	188.4
SSS	E-10-1	3618 RICHARDT AVE	4/24/19	5695	5696	24061	8	VCP	242.8
SSS	E-10-1	3812 E DIAMOND AVE	4/25/19	5715	5716	24081	8	VCP	346.8
SSS	E-10-1	3912 WINDSONG CV	4/25/19	4445	4444	8233	8	RPM	268.4

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-1	2401 E DIAMOND AVE	4/25/19	5716	5710	24079	8	VCP	309.4
SSS	E-10-2	4100 E MORGAN AVE	4/25/19	5646	5626	7944	10	RCP	283.5
SSS	E-10-1	3604 PARK RIDGE DR	4/25/19	CO	4449	11243	8	RPM	135.3
SSS	E-10-1	3604 PARK RIDGE DR	4/25/19	CO	4449	11244	8	RPM	129.8
SSS	E-10-1	3909 SEASONS PTE	4/25/19	4449	4448	11242	8	RPM	192.18
SSS	E-10-1	3912 WINDSONG CV	4/25/19	4448	4444	8232	8	RPM	241.6
SSS	E-10-1	3512 PARK RIDGE DR	4/25/19	CO	4454	8253	8	RPM	90.2
SSS	E-10-1	3404 PARK RIDGE DR	4/26/19	4454	4452	8238	8	RPM	235
SSS	E-10-1	3408 PARK RIDGE DR	4/26/19	CO	4452	8239	8	RPM	70.7
SSS	E-10-1	3304 PARK RIDGE DR	4/26/19	CO	4461	8246	8	RPM	153.5
SSS	E-10-1	3200 PARK RIDGE DR	4/26/19	4460	4440	8245	8	RPM	193
SSS	E-10-1	3208 PARK RIDGE DR	4/26/19	4461	4460	8247	8	RPM	408.3
SSS	E-10-1	3100 PARK RIDGE DR	4/26/19	4362	4437	7131	8	RPM	329.6
SSS	E-10-1	3200 PARK RIDGE DR	4/26/19	4437	4440	5348	8	RPM	280.9
SSS	E-10-1	3906 DEER TRL	4/26/19	CO	4439	8252	8	RPM	140.5
SSS	E-10-1	3200 PARK RIDGE DR	4/26/19	4440	4439	8281	8	RPM	374.4
SSS	E-10-1	3201 N STOCKWELL RD	4/26/19	4439	4438	8284	8	RPM	163
SSS	E-10-1	3700 HERNDON DR	4/27/19	5701	5700	11240	8	VCP	367.9
SSS	E-10-1	3901 RICHARDT AVE	4/27/19	CO	5703	24056	8	VCP	111
SSS	E-10-1	3901 RICHART AVE	4/27/19	5702	5703	7959	8	VCP	118.6
SSS	E-10-1	3725 RICHARDT AVE	4/27/19	5703	5701	7958	8	VCP	389.1
SSS	E-10-1	3804 PINE NEEDLE PTE	4/29/19	4452	4451	8251	8	RPM	176.8
SSS	E-10-1	3804 PINE NEEDLE PTE	4/29/19	4453	4451	8237	8	RPM	225.7
SSS	E-10-1	3324 N STOCKWELL RD	4/29/19	CO	4450	8249	8	RPM	72.6
SSS	E-10-1	3324 N STOCKWELL RD	4/29/19	4451	4450	8250	8	RPM	223.7
SSS	E-10-1	3308 STOCKWELL	5/1/19	4459	4458	8244	8	RPM	309.8
SSS	E-10-1	3329 N STOCKWELL RD	5/2/19	280118	4443	24858	10	RPM	96.2
SSS	E-10-1	3325 N STOCKWELL RD	5/2/19	4450	4443	8248	8	RPM	162.2
SSS	E-10-1	3315 N STOCKWELL RD	5/2/19	4443	4442	8225	10	RPM	221.1
SSS	E-10-1	2812 TIMBER PARK DR	5/2/19	4424	4430	7132	8	RPM	347.2
SSS	E-10-1	2905 TIMBER PARK DR	5/2/19	4430	4433	7138	8	RPM	220.7
SSS	W-9-4	1217 BISMARCK AVE	5/3/19	282326	282325	28898	8	PVC	216.6
SSS	W-9-4	1217 BISMARCK AVE	5/3/19	282325	282324	28899	8	PVC	178.4
SSS	W-9-4	1301 MESKER PARK DR	5/3/19	8151	8140	6461	8	VCP	189.1
SSS	E-10-1	3013 N STOCKWELL RD	5/3/19	4433	4422	7143	8	RPM	400.3
SSS	E-10-1	3101 N STOCKWELL RD	5/3/19	4422	4423	5347	8	RPM	104.2

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-1	3809 TIMBER VIEW DR	5/3/19	CO	4431	7139	8	RPM	82.1
SSS	E-10-1	3911 TIMBER VIEW DR	5/3/19	4431	4429	7141	8	RPM	412.4
SSS	E-10-1	3813 TIMBER VIEW DR	5/3/19	4432	4431	7140	8	RPM	297.3
SSS	E-10-1	2700 N STOCKWELL RD	5/3/19	4429	4428	7137	8	RPM	105.8
SSS	E-10-1	3219 NEEDLE PTE	5/6/19	CO	4456	8222	8	RPM	78
SSS	E-10-1	3809 NEEDLE PTE	5/6/19	4457	4456	8242	8	RPM	269.6
SSS	E-10-1	3324 STOCKWELL	5/6/19	4458	4455	8243	8	PVC	273.3
SSS	E-10-1	3910 NEEDLE LEAF	5/6/19	4456	4455	8241	8	RPM	200.8
SSS	W-9-3	2505 LOCUST CREEK DR	5/7/19	14386	14383	11890	8	PVC	300.2
SSS	W-9-3	2401 WESTCHESTER DR	5/7/19	4837	4836	24309	8	PVC	345.5
SSS	W-9-3	2510 WESTCHESTER DR	5/7/19	4835	4832	24311	8	VCP	363.4
SSS	W-9-3	2618 WESTCHESTER DR	5/7/19	4834	4833	24312	8	VCP	283.8
SSS	W-9-3	2710 WESTCHESTER DR	5/7/19	4833	4834	24313	8	VCP	311.9
SSS	W-9-3	2400 N SAINT JOSEPH AVE	5/7/19	4836	4832	24317	12	VCP	285.3
SSS	W-9-3	5304 N SAINT JOSEPH AVE	5/7/19	4839	4836	24318	12	RCP	173.4
SSS	W-9-3	5402 N SAINT JOSPEH AVE	5/7/19	4840	4839	24319	12	RCP	431.8
SSS	W-9-3	2425 GLENVIEW DR	5/7/19	4620	4631	24423	10	CP	298.2
SSS	W-9-3	2501 GLENVIEW DR	5/7/19	4619	4620	24424	8	VCP	305.7
SSS	W-9-3	2443 GLENVIEW DR	5/7/19	4628	4620	24425	10	VCP	327.8
SSS	W-9-3	2407 GLENVIEW DR	5/7/19	4631	4621	24430	10	VCP	316
SSS	E-10-1	2802 N STOCKWELL	5/7/19	4427	4426	7135	8	RPM	181.1
SSS	E-10-1	3915 N STOCKWELL	5/7/19	4428	4426	7136	8	RPM	339
SSS	E-10-1	3812 RICHARDT AVE	5/7/19	5704	5705	24059	8	VCP	326.6
SSS	E-10-1	2810 N STOCKWELL	5/7/19	4426	4425	7134	8	RPM	274.6
SSS	E-10-1	2910 N STOCKWELL	5/7/19	CO	4434	7142	8	RPM	153
SSS	E-10-1	2901 N STOCKWELL	5/7/19	4425	4434	7133	8	RPM	228.6
SSS	E-10-1	3805 E NEGLEY AVE	5/7/19	5748	5747	24071	8	VCP	334.7
SSS	E-10-1	2909 N STOCKWELL	5/8/19	4434	4436	7148	8	RPM	158
SSS	E-10-1	3224 N STOCKWELL	5/8/19	4455	4441	8240	8	RPM	164.9
SSS	E-10-1	3221 N STOCKWELL RD	5/8/19	4442	4441	8224	10	RPM	329.5
SSS	E-10-1	3201 N STOCKWELL RD	5/8/19	4441	4438	8223	10	RPM	373.1
SSS	E-10-1	3201 N STOCKWELL RD	5/8/19	4423	4438	7144	8	RPM	375.5
SSS	E-10-1	3920 DEER TRAIL	5/8/19	4438	4421	8286	10	RPM	115.8
SSS	E-10-1	3712 JOAN AVE	5/8/19	5747	5746	24070	8	VCP	232.5
SSS	E-10-1	3712 JOAN AVE	5/8/19	73822	5746	24069	8	VCP	310.1
SSS	E-10-1	3516 E NEGLEY AVE	5/8/19	5744	73822	24073	8	VCP	198.9

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-1	2441 TARRY LN	5/8/19	5746	5710	24072	10	RCP	297.4
SSS	W-9-2	2127 SHERIDAN RD	5/9/19	4810	4811	21987	8	VCP	313.4
SSS	W-9-3	2111 W BUENA VISTA RD	5/9/19	4808	4807	21988	8	VCP	378.4
SSS	W-9-3	2211 W BUENA VISTA RD	5/9/19	4807	131884	22544	8	VCP	124.2
SSS	W-9-3	2225 W BUENA VISTA RD	5/9/19	132351	4808	22551	8	VCP	403.6
SSS	W-12-5	1802 SCHUTTE RD	5/9/19	AEP	15044	30985	8	VCP	23.2
SSS	W-9-2	2100 SHERIDAN RD	5/10/19	4798	4812	21985	8	VCP	320.8
SSS	W-9-2	2100 SHERIDAN RD	5/10/19	4797	4798	21989	8	VCP	401.7
SSS	W-9-2	2111 W BUENA VISTA RD	5/10/19	4812	131884	22545	8	VCP	195
SSS	W-9-2	2116 W BUENA VISTA RD	5/11/19	4811	4812	21986	8	VCP	401.3
SSS	W-9-4	1510 N SAINT JOSEPH AVE	5/13/19	8144	8143	23076	10	VCP	226
SSS	W-9-4	1508 RUSSELL AVE	5/13/19	8146	8147	6455	8	VCP	174.2
SSS	W-9-4	1404 RUSSELL AVE	5/13/19	8147	8140	6456	8	VCP	151.2
SSS	W-9-4	1400 RUSSELL AVE	5/13/19	8140	8139	6460	10	VCP	203
SSS	E-10-3	2809 BOXWOODLANE	5/13/19	281864	4414	28431	12	RPM	25.8
SSS	E-10-1	3601 JOAN AV	5/13/19	50283	283548	11235	8	VCP	215.3
SSS	E-10-1	2440 TARRY LN	5/13/19	283549	AWW	30077	8	DIP	35.5
SSS	E-10-1	2401 TARRY LN	5/13/19	5710	5706	30074	10	RCP	7
SSS	E-10-1	2444 TARRY LANE	5/13/19	283549	AWW	30076	8	DIP	34.9
SSS	E-10-1	3713 E DIAMOND AVE	5/13/19	283545	5706	24080	10	RCP	304.3
SSS	E-10-1	3700 RICHARDT AVE	5/13/19	5706	5699	24078	10	RCP	233.4
SSS	E-10-1	3701 RICHARDT AVE	5/13/19	5699	5700	24060	10	RCP	342.6
SSS	E-10-1	2112 N LOMBARD AVE	5/14/19	5697	5694	5103	10	RCP	393.4
SSS	E-10-1	3600 HERNDON DR	5/14/19	5700	5697	24066	10	VCP	354.4
SSS	W-9-3	2609 WESTCHESTER DR	5/14/19	4838	4837	24628	8	VCP	459
SSS	W-9-1	1931 DANE RD	5/15/19	282148	282149	28717	8	PVC	23.4
SSS	E-10-1	2010 N LOMBARD AVE	5/15/19	5694	5693	24064	10	RCP	213.5
SSS	E-10-1	2000 N LOMBARD AVE	5/16/19	5693	50811	24065	10	RCP	191.1
SSS	W-12-4	5301 BROADWAY AVE	5/21/19	14908	284331	31040	8	RPM	188.8
SSS	W-12-4	5201 BRIDGEVIEW DR	5/21/19	AEP	14898	14147	8	RPM	119.7
SSS	W-12-4	5301 BROADWAY AVE	5/21/19	284331	14909	11909	8	RPM	456.4
SSS	W-9-4	1722 CHARLOTTE AVE	5/22/19	8282	8281	12379	8	VCP	137.1
SSS	W-9-4	2522 BEMENT AVE	5/22/19	8283	8282	12380	8	VCP	57
SSS	W-9-4	2526 BEMENT AVE	5/22/19	8291	8283	12381	8	VCP	101.7
SSS	W-12-4	1020 CHARLEE DR	5/22/19	14867	14866	14157	8	RPM	250.1
SSS	W-12-4	1120 CHARLEE DR	5/22/19	14866	14865	14063	8	RPM	227.2

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-4	1520 HILLSIDE TER	5/23/19	14898	14899	14148	8	RPM	285.6
SSS	W-12-4	1600 HILLSIDE TER	5/23/19	14899	14901	14051	8	RPM	318.3
SSS	W-12-4	1600 HILLSIDE TER	5/23/19	14905	14901	14150	8	RPM	27.4
SSS	W-12-4	5201 BROADWAY AVE	5/23/19	14901	14910	14152	8	RPM	284.6
SSS	W-12-4	1302 DESHIELDS DR	5/23/19	14894	14895	14143	8	RPM	296.8
SSS	W-12-4	1325 DESHIELDS DR	5/24/19	284332	14896	14144	8	RPM	143.5
SSS	W-12-4	1325 DESHIELDS DR	5/24/19	14895	284332	31041	8	RPM	47.4
SSS	W-12-4	1325 DESHIELDS DR	5/24/19	CO	14896	14146	8	RPM	165.1
SSS	W-12-4	1400 REITER DR	5/24/19	AEP	14903	14050	8	RPM	245.8
SSS	W-12-4	1400 REITER DR	5/24/19	14896	14903	14145	8	RPM	181.1
SSS	W-12-4	5919 SARABETH LN	5/24/19	14922	14921	22008	8	RPM	309.3
SSS	W-12-4	1400 REITER DR	5/24/19	14903	14892	14142	8	VCP	174.5
SSS	W-12-4	1601 RAINBOW DR	5/24/19	CO	14879	14058	8	RPM	97.6
SSS	W-12-4	1631 RAINBOW DR	5/24/19	14879	14878	14053	8	RPM	329
SSS	W-12-4	5603 MEADOW LARK DR	5/24/19	14882	14883	14057	8	RPM	163.7
SSS	W-12-4	5603 MEADOW LARK DR	5/24/19	14884	14883	14056	8	RPM	205.3
SSS	W-9-4	1320 N JOSEPH AVE	5/28/19	8139	8137	23088	15	CP	328.9
SSS	W-12-4	FELSTEAD RD & SARABETH LN	5/29/19	14920	1468	22013	12	VCP	422.4
SSS	W-12-4	1300 CHARLEE DR	5/30/19	14865	14864	14062	8	RPM	330
SSS	W-12-4	5500 BRIDGEVIEW DR	5/30/19	14868	14863	14064	8	RPM	359.9
SSS	W-9-4	2518 CHARLOTTE AVE	5/31/19	8281	8280	12384	8	VCP	101.2
SSS	W-12-4	5400 BRIDGEVIEW DR	5/31/19	14863	14862	14153	8	RPM	193.7
SSS	W-12-4	1330 CHARLEE DR	5/31/19	14864	14862	14061	8	RPM	408.6
SSS	W-12-4	1649 RAINBOW DR	5/31/19	14878	14877	14052	8	RPM	213.7
SSS	W-12-4	1313 BRIDGEVIEW	5/31/19	AEP	14377	14151	8	VCP	198.2
SSS	W-12-4	1401 BRIDGEVIEW DR	5/31/19	14862	14377	14060	8	RPM	61.9
SSS	W-12-4	1410 REITER RD	5/31/19	14377	14892	14141	8	VCP	127.3
SSS	W-12-4	1612 RAINBOW DR	5/31/19	1468	14919	22012	12	RPM	378.5
SSS	W-12-4	1649 RAINBOW DR	5/31/19	14919	14877	22010	12	RPM	89.8
SSS	W-12-4	1520 RAINBOW DR	6/1/19	14883	14881	14055	8	RPM	142.9
SSS	W-12-4	1606 RAINBOW DR	6/1/19	14881	14876	14054	8	RPM	238.5
SSS	W-12-4	5605 WHIPPOORWILL DR	6/1/19	CO	14872	14046	8	RPM	111.7
SSS	W-12-4	5600 WHIPPOORWILL DR	6/1/19	14872	14875	14045	8	RPM	201.5
SSS	W-12-4	1636 MEADOW WEST DR	6/1/19	14887	14886	14068	8	RPM	173.9
SSS	W-12-4	5509 WHIPPOORWILL DR	6/1/19	14886	14873	14067	8	RPM	120.9
SSS	W-12-4	5509 WHIPPOORWILL DR	6/1/19	CO	14873	14066	8	RPM	83.7

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-4	1626 PINEBROOK	6/1/19	14885	14874	14154	8	RPM	308.7
SSS	W-12-4	5509 WHIPPOORWILL DR	6/1/19	14874	14873	11908	8	RPM	162.8
SSS	W-9-4	2450 ALBERT ST	6/3/19	8138	8139	23078	10	VCP	95
SSS	W-12-4	1526 REITER DR	6/3/19	14892	283218	14155	8	VCP	296
SSS	W-12-4	1613 REITER DR	6/3/19	AEP	14891	14059	8	RPM	26.6
SSS	W-12-4	5610 WHIPPOORWILL DR	6/3/19	14877	14880	22009	12	RPM	349.6
SSS	W-12-4	6505 BROADWAY AVE	6/3/19	138881	132906	12781	8	RPM	37.9
SSS	W-12-4	6501 BROADWAY AVE	6/3/19	132906	132907	12779	8	RPM	353.1
SSS	W-12-4	5323 BROADWAY AVE	6/4/19	14891	14911	14156	8	VCP	285.5
SSS	W-12-3	5124 PEARL DR	6/4/19	CO	14697	14002	8	RPM	84
SSS	W-12-3	401 PEARL DR	6/4/19	14683	14684	14008	8	RPM	366.4
SSS	W-12-3	401 PEARL DR	6/4/19	CO	14684	14009	8	RPM	71.5
SSS	W-12-3	401 PEARL DR	6/4/19	14684	14685	14006	8	RPM	130.5
SSS	W-12-3	5737 PEARL DR	6/5/19	14685	14686	14010	8	PVC	127.6
SSS	W-12-3	5727 PEARL DR	6/5/19	14686	14687	14011	8	PVC	192.61
SSS	W-12-3	545 PEARL DR	6/5/19	CO	14689	13985	8	RPM	81.2
SSS	W-12-3	5737 PEARL DR	6/5/19	14689	14688	13984	8	RPM	287.9
SSS	W-12-3	5645 PEARL DR	6/5/19	14687	14688	13971	8	RPM	267.7
SSS	W-12-4	5550 WHIPPOORWILL DR	6/5/19	14880	14875	22011	12	RPM	105
SSS	W-12-4	1645 MEADOW WEST DR	6/5/19	14873	14870	14065	8	RPM	147.8
SSS	W-12-3	5225 PEARL DR	6/6/19	14697	14737	13994	8	RPM	286.8
SSS	W-12-3	5225 PEARL DR	6/6/19	14737	14696	13993	8	RPM	78.5
SSS	W-12-3	5230 PEARL DR	6/6/19	14736	14695	13992	8	RPM	62.9
SSS	W-12-3	5343 PEARL DR	6/6/19	14695	14694	13990	8	RPM	60.5
SSS	W-12-3	5435 PEARL DR	6/6/19	14694	284329	13989	8	RPM	160.3
SSS	W-12-3	612 JOBES LN	6/6/19	14711	14710	14038	8	RPM	167.3
SSS	W-12-3	612 JOBES LN	6/6/19	14712	14711	14039	8	RPM	71.9
SSS	W-12-3	5301 PEARL DR	6/6/19	14696	14695	13991	8	RPM	236.5
SSS	W-9-3	5601 N SAINT JOSEPH AVE	6/7/19	4843	4842	15452	12	RCP	210.1
SSS	W-9-3	2267 N SAINT JOSEPH AVE	6/7/19	4841	4842	24310	8	VCP	24.4
SSS	W-9-3	5402 N SAINT JOSEPH AVE	6/7/19	4842	4840	24316	12	RCP	91.5
SSS	E-10-1	3804 E NEGLEY AVE	6/7/19	CO	5748	31018	8	VCP	188.2
SSS	W-12-3	5201 LYDIA TR	6/7/19	284041	284042	30640	8	PVC	153.6
SSS	W-12-3	5625 PEARL DR	6/7/19	14688	14691	13986	8	RPM	353
SSS	W-12-3	730 LYDIA CT	6/7/19	284045	284046	30644	8	PVC	162.2
SSS	W-12-3	716 LYDIA CT	6/7/19	284044	284045	30643	8	PVC	175

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-3	708 LYDIA TR	6/7/19	284043	284044	30642	8	PVC	57.8
SSS	W-12-3	704 LYDIA TR	6/7/19	284042	284043	30641	8	PVC	67.4
SSS	W-12-3	715 LYDIA DR	6/7/19	284040	280948	30639	8	PVC	155.7
SSS	W-12-3	721 LYDIA DR	6/7/19	280948	280949	24990	8	RPM	155.7
SSS	W-12-3	729 LYDIA DR	6/7/19	280949	280950	24989	8	RPM	191.2
SSS	W-12-3	733 LYDIA DR	6/7/19	280953	280950	24985	8	RPM	118.2
SSS	W-9-2	3012 N SAINT JOSEPH AVE	6/8/19	38505	38543	22552	10	VCP	403
SSS	W-9-1	1931 ALLENS LN	6/10/19	38544	4763	12412	8	VCP	222
SSS	W-9-1	1931 ALLENS LN	6/10/19	4768	4764	12475	8	VCP	214.5
SSS	W-9-2	2208 ALLENS LN	6/10/19	4755	4756	13544	12	VCP	410
SSS	W-9-2	2129 ALLENS LN	6/10/19	4756	4760	13546	12	VCP	222.3
SSS	W-9-2	2024 ALLENS LN	6/10/19	4760	131690	13561	12	VCP	86
SSS	W-9-2	2029 ALLENS LN	6/10/19	131690	131687	13562	12	VCP	213.1
SSS	W-9-1	2001 ALLENS LN	6/10/19	4764	281972	28555	8	VCP	89.1
SSS	W-12-3	5625 PEARL DR	6/10/19	14691	14692	13987	8	RPM	253.5
SSS	W-12-3	5501 PEARL DR	6/10/19	14693	14692	13988	8	PVC	393
SSS	W-12-3	939 JOBES LN	6/10/19	138539	14364	14034	8	RPM	86.6
SSS	W-12-3	939 JOBES LN	6/10/19	14363	14364	14033	8	RPM	253.2
SSS	W-12-3	5600 PEARL DR	6/10/19	14692	14698	13972	8	RPM	273.1
SSS	W-12-3	939 JOBES LN	6/10/19	14364	14362	14036	8	RPM	178.7
SSS	W-12-3	4709 WHITE OAK CT	6/10/19	14375	14376	12273	8	RPM	160.8
SSS	W-12-3	4714 WHITE OAK CT	6/10/19	14656	14655	12278	8	RPM	248.7
SSS	W-12-3	5600 PEARL DR	6/10/19	14698	14699	14041	8	RPM	323
SSS	W-12-3	5230 PEARL DR	6/10/19	14699	14700	14044	8	RPM	237.2
SSS	W-12-3	730 LYDIA DR	6/11/19	284046	280951	30646	8	PVC	40.2
SSS	W-12-3	5131 HIDDEN LAKE DR	6/11/19	281889	280952	28458	8	RPM	43.3
SSS	W-12-3	740 LYDIA DR	6/11/19	280951	281889	24988	8	RPM	94.5
SSS	W-12-3	729 LYDIA DR	6/11/19	280950	280951	24986	8	RPM	169.6
SSS	W-12-3	5019 SHADY CT	6/11/19	11304	11305	22911	8	VCP	357.5
SSS	W-12-3	GLENWOOD DR & MIDDLE MOUNT VERNIC	6/11/19	14655	14654	13482	8	RPM	129.9
SSS	W-12-3	4700 WHITE OAK CT	6/11/19	AEP	14656	26749	8	RPM	2
SSS	W-12-3	4714 WHITE OAK CT	6/11/19	14376	14655	12039	8	RPM	171.5
SSS	W-12-3	4709 WHITE OAK CT	6/11/19	14374	14376	12274	8	RPM	263
SSS	W-12-3	4709 SHADY CT	6/11/19	14657	14658	13489	8	RPM	221.3
SSS	W-12-3	4709 SHADY CT	6/11/19	14659	14658	12268	8	RPM	189.9
SSS	W-12-3	810 JOBES LN	6/11/19	11306	11309	22910	8	VCP	364.2

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-3	710 JOBES LN	6/11/19	11305	11306	22912	8	VCP	288.7
SSS	W-12-3	817 FOREST GLEN DR	6/11/19	11309	11310	22909	8	VCP	131.2
SSS	W-12-3	5402 MIDDLE MOUNT VERNON RD	6/12/19	14678	14677	16584	15	RPM	361.9
SSS	W-12-3	5001 SHADY CT	6/12/19	AEP	11304	29344	8	VCP	306
SSS	W-12-3	5201 MIDDLE MOUNT VERNON RD	6/12/19	CO	282602	29155	8	RPM	77.7
SSS	W-12-3	716 JOBES LN	6/12/19	14714	14715	14027	8	RPM	203.2
SSS	W-12-3	5245 MIDDLE MOUNT VERNON RD	6/12/19	282602	282603	29156	8	RPM	185.2
SSS	W-12-3	720 JOBES LN	6/12/19	14715	14716	14026	8	RPM	127
SSS	W-12-3	708 JOBES LN	6/12/19	14713	14714	14028	8	RPM	177
SSS	W-12-3	4709 WHITE OAK CT	6/12/19	14369	14376	13488	8	RPM	263.1
SSS	W-12-3	4810 SHADY CT	6/12/19	14658	14661	13486	8	RPM	166.3
SSS	W-12-3	4810 SHADY CT	6/12/19	14662	14661	12269	8	RPM	213.2
SSS	W-12-3	4810 SHADY CT	6/12/19	14660	14661	12270	8	RPM	170.5
SSS	W-12-3	5119 HIDDEN LAKE DR	6/12/19	280952	280947	24987	8	RPM	226.9
SSS	W-12-3	807 JOBES LN	6/12/19	14717	11305	14035	8	PVC	149.5
SSS	W-12-3	810 JOBES LN	6/12/19	124289	11310	22908	8	VCP	288
SSS	W-12-3	904 JOBES LN	6/12/19	11310	14663	22913	8	VCP	235.1
SSS	W-12-3	922 JOBES LN	6/12/19	14663	14361	22914	8	VCP	302.4
SSS	W-12-3	923 MIDDLE MT VERNON RD	6/12/19	14362	14361	14032	8	RPM	189.3
SSS	W-12-3	701 DOUGLAS DR	6/13/19	11308	11313	22904	8	VCP	340
SSS	W-12-3	701 DOUGLAS DR	6/13/19	11313	11312	22905	8	VCP	298.5
SSS	W-12-3	701 MIDDLE MT VERNON RD	6/13/19	11312	11311	22906	8	VCP	304.5
SSS	W-12-3	701 MIDDLE MT VERNON RD	6/13/19	14361	11311	22903	8	VCP	291.6
SSS	W-12-3	4800 MIDDLE MT VERNON RD	6/13/19	11311	14653	22902	8	VCP	321.1
SSS	W-12-3	4800 MIDDLE MT VERNON RD	6/13/19	14654	14653	13484	8	RPM	127.7
SSS	W-12-3	4709 MEADOW CREST CT	6/14/19	14661	14368	13487	8	RPM	265.5
SSS	W-12-3	4709 MEADOW CREST CT	6/14/19	14370	14368	12276	8	RPM	215.3
SSS	W-12-3	4709 MEADOW CREST CT	6/14/19	14371	14368	12277	8	RPM	178.9
SSS	W-12-3	4708 MEADOW CREST CT	6/14/19	14368	14369	12275	8	RPM	270.1
SSS	W-12-3	4708 MEADOW CREST CT	6/14/19	14372	14369	12271	8	RPM	213.6
SSS	W-12-3	4708 MEADOW CREST CT	6/14/19	14373	14369	12272	8	RPM	172.4
SSS	W-12-3	4800 ORCHID CT	6/14/19	14666	14665	13480	10	RPM	302.3
SSS	W-12-3	4800 ORCHID CT	6/14/19	282617	14666	13483	10	RPM	112
SSS	W-12-3	ORCHID CT	6/14/19	14653	282617	29172	10	RPM	108.7
SSS	W-12-3	5245 MIDDLE MOUNT VERNON RD	6/17/19	282603	14677	29157	8	RPM	335.8
SSS	W-12-3	5343 PEARL DR	6/17/19	284329	14693	31035	8	RPM	213.3

TABLE 7-4

8" to 15" Diameter Pipe Cleaning

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Address	Date	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-3	801 JOBES LN	6/18/19	281987	14717	24983	8	RPM	112.5
SSS	W-12-3	5120 HIDDEN LAKE DR	6/18/19	280947	281987	28570	8	RPM	155
SSS	W-12-3	5119 HIDDEN LAKE DR	6/18/19	14716	280947	24984	8	RPM	77.4
SSS	W-12-3	617 JOBES LN	6/18/19	14710	14713	14037	8	PVC	258.4
SSS	W-12-3	605 JOBES LN	6/18/19	14707	14708	14029	8	PVC	155.1
SSS	W-12-2	1704 JOHNSON LANE	6/18/19	14652	14651	13479	8	VCP	157.7
SSS	W-12-3	615 JOBES LN	6/18/19	14708	14710	14040	8	RPM	164.1
SSS	W-12-2	1625 JOHNSON LN	6/18/19	14651	14650	23635	8	RPM	302.3
SSS	W-12-5	1701 SCHUTTE RD	6/18/19	284032	15039	30984	8	VCP	225.1
SSS	W-12-2	1519 JOHNSON LN	6/18/19	14650	14649	23634	8	RPM	225.6
SSS	W-12-2	4600 JOHNSON LN	6/18/19	CO	14649	23633	8	RPM	60.3
SSS	W-8-1	3301 N FIRST AVE	6/18/19	8983	284250	30925	15	RCP	10.2
SSS	W-12-2	1510 JOHNSON LN	6/18/19	14649	14648	23636	8	RPM	183.7
SSS	W-8-1	3301 N FIRST AVE	6/18/19	284250	284251	30924	15	RCP	4.7
SSS	W-9-2	2950 N SAINT JOSEPH AVE	6/22/19	38543	281968	22554	10	VCP	398.3
SSS	W-9-2	2815 N SAINT JOSPEH AVE	6/22/19	4750	38506	22555	10	ZZZ	195
SSS	W-9-4	1300 N SAINT JOSEPH AVE	6/24/19	8137	8135	23089	15	VCP	279.2
SSS	W-12-6	8424 WOLF CREEK DR	6/24/19	280844	14951	26416	8	RPM	69
SSS	W-12-3	4800 MIDDLE MOUNT VERNON RD	6/26/19	14670	14669	15650	15	RPM	116
SSS	W-12-3	4800 MIDDLE MOUNT VERNON RD	6/26/19	14669	14668	15649	15	RPM	409.8
SSS	W-12-3	5505 MIDDLE MT VERNON RD	6/27/19	14679	14678	14018	10	PVC	397.6
SSS	W-9-4	1200 N SAINT JOSEPH AVE	6/28/19	8135	8134	23090	15	RCP	102
SSS	W-9-4	1100 N SAINT JOSEPH AVE	6/28/19	8134	8136	23091	15	RCP	95
SSS	W-9-4	1122 N SAINT JOSEPH AVE	6/28/19	8136	282863	23092	8	PVC	52.8
SSS	W-9-4	1116 N SAINT JOSEPH AVE	6/28/19	282323	282863	28901	8	PVC	35.1
SSS	W-12-3	4825 BROADWAY AVE	6/28/19	14667	14664	15600	15	RCP	314
SSS	W-12-4	4825 BROADWAY AVE	6/28/19	14668	14667	15601	15	RCP	201.4
SSS	W-12-3	5330 MIDDLE MT VERNON RD	6/28/19	14676	14675	16585	15	PVC	325.3
SSS	W-12-3	5312 MIDDLE MT VERNON RD	6/28/19	14677	14676	16583	15	RPM	275.4
CSS Total Cleaned (ft)									0
SSS Total Cleaned (ft)									207,628
Total 8" to 15" Diameter Pipes Cleaned (ft)									207,628

\* Total includes 2664.2 ft of SSS cleanings that were not submitted on previous SAR



TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-8-1	11/29/18	3301 N FIRST AVE	284250	284251	30924	15	RCP	4.7
SSS	W-8-1	11/29/18	3301 N FIRST AVE	8983	284250	30925	15	RCP	10.2
SSS	W-8-3	12/11/18	4301 N FIRST AVE	121064	284316	11537	8	VCP	293.6
SSS	W-12-6	1/2/19	8318 WISDOM WAY	284097	284096	30713	8	PVC	403.3
SSS	W-12-6	1/2/19	8320 BLESSING WAY	284096	280874	30712	8	PVC	7.6
SSS	W-12-6	1/2/19	8323 WISDOM WAY	284099	284098	30715	8	PVC	175.2
SSS	W-12-6	1/2/19	8318 WISDOM WAY	284100	284097	30717	8	PVC	196.3
SSS	W-12-6	1/2/19	8318 WISDOM WAY	AEP	284100	30718	8	PVC	2.7
SSS	W-12-6	1/2/19	8323 WISDOM WAY	284098	284097	30714	8	PVC	155.4
SSS	W-12-6	1/2/19	8318 WISDOM WAY	AEP	284098	30716	8	PVC	3
SSS	W-12-6	1/4/19	8340 BLESSING WAY	280669	280874	28392	8	RPM	195.4
SSS	W-12-6	1/4/19	8320 BLESSING WAY	280874	280667	26136	8	PVC	410
SSS	W-12-6	1/4/19	8210 BLESSING WAY	280667	280670	26138	8	RPM	241.5
SSS	W-12-6	1/7/19	8114 BLESSING WAY	282065	280670	28617	8	RPM	64.2
SSS	W-12-6	1/7/19	8115 BLESSING WAY	14956	280670	29328	10	RPM	102
SSS	W-12-6	1/7/19	8115 BLESSING WAY	14957	14956	12971	10	RPM	232.5
SSS	W-12-6	1/7/19	8142 BLESSING WAY	280670	14955	12979	10	RPM	163
SSS	W-12-6	1/7/19	8142 BLESSING WAY	14955	14954	12978	10	RPM	228.2
SSS	W-12-6	1/7/19	8222 BLESSING WAY	14954	14953	13212	10	RPM	374.6
SSS	W-12-6	1/7/19	8332 BLESSING WAY	14953	14952	13211	10	RPM	207
SSS	W-12-6	1/7/19	8015 BLESSING WAY	16227	14957	12968	10	RPM	405.8
SSS	W-12-6	1/8/19	6 S FAITH WAY	14959	16227	12969	8	RPM	375.4
SSS	W-12-6	1/8/19	7911 BLESSING WAY	16231	16227	12970	8	RPM	70.6
SSS	W-12-6	1/8/19	7911 BLESSING WAY	16230	16231	13234	8	RPM	176.5
SSS	W-12-6	1/8/19	100 S FAITH WAY	16229	16230	13236	8	RPM	186.8
SSS	W-12-6	1/8/19	7826 BLESSING WAY	16228	16229	13237	8	RPM	138.4
SSS	W-12-6	1/8/19	100 S FAITH WAY	16235	16230	13238	8	RPM	280.6
SSS	W-12-6	1/8/19	128 S FAITH WAY	16234	16235	13239	8	RPM	138.3
SSS	W-12-6	1/8/19	100 S FAITH WAY	16232	16230	13235	8	RPM	356.7
SSS	W-12-6	1/8/19	8100 BLESSING WAY	280668	282065	26139	8	RPM	119.9
SSS	E-10-3	1/8/19	2220 MENARDS DR	280618	280620	26087	8	PVC	287.7
SSS	E-10-3	1/8/19	2100 MENARDS DR	280617	280618	26085	8	PVC	255.9
SSS	E-10-3	1/8/19	4500 CONNER CT	280619	280618	26086	8	PVC	220.6
SSS	W-12-4	1/9/19	1401 REITER DR	14862	14377	14060	8	RPM	61.9
SSS	E-10-3	1/9/19	2300 MENARDS DR	280620	280616	26088	8	PVC	384.5
SSS	E-10-3	1/9/19	2500 MENARDS DR	280615	280616	26081	8	RPM	161.7

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-3	1/9/19	2500 MENARDS DR	280614	280615	26084	8	RPM	403
SSS	E-10-3	1/10/19	4500 SMYTHE DR	280613	280614	26083	8	RPM	317.6
SSS	E-10-3	1/10/19	4500 SMYTHE DR	280612	280613	26082	8	RPM	404.6
SSS	E-10-3	1/10/19	2500 MENARDS DR	281476	281475	27166	10	PVC	403.6
SSS	E-10-3	1/10/19	2500 MENARDS DR	280616	281476	26080	10	PVC	35.1
SSS	W-12-6	1/11/19	8100 WOLF CREEK CT	280663	280664	26132	8	RPM	370
SSS	W-12-6	1/11/19	132 CUB CV	280662	280664	26131	8	RPM	246.7
SSS	W-12-6	1/11/19	8109 WOLF CREEK CT	280664	280665	26133	8	RPM	153
SSS	W-12-6	1/11/19	8100 WOLF CREEK CT	280665	280666	26134	8	RPM	307.7
SSS	E-10-3	1/11/19	2622 MENARDS DR	281474	281473	27168	10	PVC	402.4
SSS	E-10-3	1/11/19	2622 MENARDS DR	281475	281474	27167	10	PVC	398.8
SSS	W-12-6	1/11/19	8133 WOLF CREEK CT	280666	16246	26135	8	RPM	111.6
SSS	W-12-6	1/11/19	8100 WOLF CREEK CT	280661	280662	26130	8	RPM	147
SSS	W-12-6	1/11/19	300 KEY WEST DR	16246	AWW	11915	10	RPM	252.9
SSS	W-12-6	1/11/19	8242 WOLF CREEK CT	16247	16246	12973	8	RPM	173
SSS	W-12-6	1/11/19	8245 WOLF CREEK DR	14948	16246	12976	10	RPM	368.1
SSS	E-10-3	1/11/19	2608 MENARDS DR	281473	281472	27169	10	PVC	404.2
SSS	E-10-3	1/11/19	2808 MENARDS DR	281472	281471	27170	10	PVC	403.5
SSS	W-12-6	1/14/19	8424 WOLF CREEK DR	14951	14950	13209	10	RPM	208.5
SSS	W-12-6	1/14/19	8330 WOLF CREEK DR	14950	14949	13208	10	RPM	203.7
SSS	W-12-6	1/14/19	8310 WOLF CREEK DR	14949	14948	12975	10	RPM	133.1
SSS	E-10-3	1/14/19	2808 MENARDS DR	281471	280716	27171	10	PVC	171.6
SSS	W-12-6	1/14/19	8424 WOLF CREEK DR	14952	14951	13210	10	RPM	306.2
SSS	E-10-3	1/14/19	4645 MYSTIC CREEK DR	280716	280711	26187	10	RPM	179.2
SSS	W-12-6	1/14/19	8424 WOLF CREEK DR	280844	14951	26416	8	RPM	69
SSS	E-10-3	1/14/19	4645 MYSTIC CREEK DR	280711	280712	26188	10	CAS	21.9
SSS	W-12-6	1/14/19	8502 WOLF CREEK CT	16245	16244	13214	8	RPM	111.8
SSS	W-12-6	1/14/19	8502 WOLF CREEK CT	16244	16243	13213	8	RPM	355.4
SSS	E-10-3	1/14/19	4609 MYSTIC CREEK DR	280710	280711	26192	8	PVC	159.3
SSS	W-12-6	1/14/19	8330 WOLF CREEK CT	16243	16242	11912	8	RPM	198.3
SSS	E-10-3	1/14/19	4645 MYSTIC CREEK DR	280714	280711	26191	8	RPM	96.7
SSS	W-12-6	1/14/19	8240 WOLF CREEK CT	16242	16247	12972	8	RPM	380.6
SSS	E-10-3	1/14/19	4645 MYSTIC CREEK DR	280715	280714	26189	8	RPM	270.9
SSS	E-10-3	1/14/19	4646 MYSTIC CREEK DR	280713	280714	26190	8	RPM	61.2
SSS	W-12-6	1/14/19	128 S FAITH WAY	16233	16234	13240	8	RPM	226.8
SSS	W-12-6	1/14/19	8242 WOLF CREEK CT	16248	16247	12977	8	RPM	114.9

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-8-4	1/15/19	4800 IVY LN	9341	9342	23554	8	VCP	219.8
SSS	W-8-7	1/15/19	5706 SHELBOURNE RD	9330	123401	10065	8	VCP	146.7
SSS	W-12-6	1/17/19	624 SUNFLOWER CIR	16215	AWW	13193	8	PVC	82.8
SSS	W-12-6	1/17/19	624 SUNFLOWER CIR	16216	16215	13192	8	RPM	309.4
SSS	W-12-6	1/17/19	728 SUNFLOWER CIR	16217	16216	13191	8	RPM	323.8
SSS	E-10-3	1/17/19	4609 MYSTICCREEK DR	280707	280710	26193	8	RPM	102
SSS	W-12-6	1/17/19	800 FAWN CREEK DR	16218	16217	13190	8	RPM	183.4
SSS	W-12-6	1/17/19	8501 BUCK RIDGE TRL	16219	16218	13196	8	RPM	165.7
SSS	E-10-3	1/17/19	4535 MYSTICCREEK DR	280706	280707	26194	8	RPM	388.8
SSS	W-8-2	1/17/19	1374 Huber Ave	9091	9090	22772	8	VCP	396.3
SSS	W-12-6	1/17/19	8437 BUCK RIDGE TRL	16220	16219	13197	8	RPM	145.7
SSS	W-12-6	1/17/19	849 FAWN CREEK DR	16221	16218	13198	8	RPM	285.5
SSS	W-12-6	1/17/19	900 FAWN CREEK DR	16222	16221	13199	8	RPM	409.2
SSS	E-10-3	1/17/19	4436 MYSTIC CT	280709	280708	26196	8	RPM	232.4
SSS	W-12-6	1/17/19	936 FAWN CREEK DR	16223	16222	13164	8	RPM	411.7
SSS	W-12-6	1/17/19	1022 FAWN CREEK DR	16224	16223	13165	8	RPM	244.1
SSS	W-12-6	1/17/19	8212 BUCK RIDGE TRL	16225	16224	13167	8	RPM	141.3
SSS	W-12-6	1/17/19	8220 BUCK RIDGE TRL	16226	16225	13168	8	RPM	121.3
SSS	W-12-6	1/18/19	8250 BUCK RIDGE TRL	16081	16087	13283	8	RPM	179.9
SSS	W-12-6	1/18/19	8250 BUCK RIDGE TRL	16082	16087	13284	8	RPM	218
SSS	W-12-6	1/18/19	8250 BUCK RIDGE TRL	16087	16084	13282	8	RPM	228.2
SSS	W-12-6	1/18/19	8330 BUCK RIDGE TRL	16086	16085	13280	8	RPM	93.3
SSS	W-12-6	1/18/19	8330 BUCK RIDGE TRL	16085	16084	13279	8	RPM	136.4
SSS	W-12-6	1/18/19	8330 BUCK RIDGE TRL	16084	16083	13281	8	RPM	221.5
SSS	W-12-6	1/18/19	738 ALYSSUM DR	16083	16089	13285	8	RPM	153.1
SSS	E-10-3	1/18/19	4350 SPRING VALLEY RD	280761	280762	26249	10	RPM	236.8
SSS	E-10-3	1/18/19	4526 SPRING VALLEY RD	280760	280761	26250	10	RPM	399.8
SSS	W-12-6	1/18/19	8300 ASTER LN	16090	16088	13202	8	RPM	350.4
SSS	W-12-6	1/18/19	8404 ASTER LN	16088	14330	13200	8	RPM	245.1
SSS	W-12-6	1/18/19	714 ALYSSUM DR	16089	16090	13286	8	RPM	81.2
SSS	E-10-3	1/19/19	4330 SPRING VALLEY RD	280762	280763	26248	10	RPM	190.7
SSS	E-10-3	1/19/19	4300 SPRING VALLEY RD	280763	15130	26247	10	RPM	104.6
SSS	E-10-3	1/19/19	4300 SPRING VALLEY RD	15130	5579	14985	12	VCP	126.1
SSS	E-10-3	1/19/19	4100 SPRING VALLEY RD	5802	5801	14983	12	VCP	12.9
SSS	E-10-3	1/19/19	4100 SPRING VALLEY RD	5801	281433	14984	12	VCP	51.3
SSS	E-10-3	1/19/19	3300 SARATOGA DR	281433	5800	27112	12	VCP	125

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-3	1/19/19	4216 SPRING VALLEY RD	5579	5577	14981	12	VCP	365.4
SSS	W-12-6	1/22/19	736 OLEANDER LN	14331	16088	13201	8	RPM	319.6
SSS	W-12-6	1/22/19	8404 ASTER LN	135409	16088	13291	8	RPM	119.9
SSS	W-12-6	1/22/19	8404 ASTER LN	135410	135409	13290	8	RPM	98.3
SSS	E-10-3	1/22/19	4120 OXMOOR RD	5576	5575	8208	8	VCP	352.9
SSS	E-10-3	1/23/19	3305 AUTUMNWOOD WAY	5578	5579	8215	8	VCP	191
SSS	W-12-6	1/23/19	742 TRILLIUM WAY	14333	14332	13195	8	RPM	340
SSS	W-12-6	1/23/19	636 TRILLIUM WAY	14332	14330	13194	8	RPM	81.3
SSS	W-12-6	1/23/19	742 SUNFLOWER CIR	16093	16092	13205	8	RPM	409.2
SSS	W-12-6	1/23/19	624 SUNFLOWER CIR	16092	16091	13204	8	RPM	131.8
SSS	W-12-6	1/23/19	8522 ASTER LN	16094	16091	13206	8	RPM	146.3
SSS	W-12-6	1/23/19	8532 ASTER LN	16091	AWW	11911	8	RPM	22.2
SSS	W-12-6	1/23/19	8512 ASTER LN	14330	16094	13203	8	RPM	175.1
SSS	E-10-3	1/24/19	4008 OXMOOR RD	5799	5798	8206	8	VCP	175
SSS	W-12-6	1/24/19	401 HOPE CT	16097	16096	13173	8	RPM	75.3
SSS	W-12-6	1/24/19	343 HOPE CT	16096	16098	13174	8	RPM	215.9
SSS	W-12-6	1/24/19	321 HOPE CT	16098	16099	13175	8	RPM	234.8
SSS	E-10-3	1/24/19	4004 OXMOOR RD	5797	5798	8205	8	VCP	101.9
SSS	W-12-6	1/24/19	8108 HOPE XING	16104	16103	13207	8	RPM	135.3
SSS	W-12-6	1/24/19	8048 HOPE XING	16103	16099	13176	8	RPM	187.2
SSS	W-12-6	1/24/19	8048 HOPE XING	16099	16101	13166	8	RPM	79.5
SSS	W-12-6	1/24/19	8048 HOPE XING	16105	16101	11910	8	RPM	132.8
SSS	W-12-6	1/24/19	8048 HOPE XING	16101	16102	13178	8	RPM	317.1
SSS	W-12-6	1/24/19	8038 HOPE XING	CO	16105	13177	8	RPM	70.9
SSS	E-10-3	1/25/19	4004 OXMOOR RD	5798	5800	8209	8	RPM	248.4
SSS	E-10-3	1/25/19	4004 DEER TRL	5790	4421	14987	12	RPM	244.1
SSS	E-10-3	1/25/19	4004 DEER TRL	5791	5790	14980	12	VCP	99.4
SSS	W-12-6	1/26/19	332 CHARITY CIR	16095	16106	13180	8	RPM	143.2
SSS	W-12-6	1/26/19	344 CHARITY CIR	16100	16095	13179	8	RPM	36.7
SSS	W-12-6	1/26/19	344 CHARITY CIR	CO	16106	13181	8	RPM	43
SSS	W-12-6	1/26/19	332 CHARITY CIR	16106	16102	13183	8	RPM	307.3
SSS	W-12-6	1/26/19	220 CHARITY CIR	16102	16107	13189	8	RPM	19.3
SSS	W-12-6	1/26/19	220 CHARITY CIR	16107	14958	13182	8	RPM	363.8
SSS	W-12-6	1/26/19	132 CHARITY CIR	14958	14960	13171	8	RPM	201.3
SSS	W-12-6	1/26/19	132 CHARITY CIR	CO	14958	13169	8	RPM	73
SSS	W-12-6	1/26/19	331 N FAITH WAY	CO	16108	13184	8	RPM	60

TABLE 7-5

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-6	1/26/19	315 N FAITH WAY	16108	16109	13186	8	RPM	363.5
SSS	W-12-6	1/31/19	221 N FAITH WAY	CO	16109	13187	8	RPM	150.5
SSS	W-12-6	1/31/19	221 N FAITH WAY	16109	14962	13185	8	RPM	321.8
SSS	W-12-6	1/31/19	115 N FAITH WAY	14962	14961	13188	8	RPM	277.8
SSS	W-12-6	1/31/19	29 N FAITH WAY	14961	14959	13172	8	RPM	244.8
SSS	W-12-6	1/31/19	8009 HOGUE RD	14960	14959	13170	8	RPM	51.2
SSS	W-12-6	1/31/19	7820 BLESSING WAY	16241	16228	12962	8	RPM	132.6
SSS	W-12-6	2/2/19	610 S EICKHOFF RD	16250	16251	13805	8	RPM	214
SSS	W-12-6	2/2/19	522 S EICKHOFF RD	16249	16250	11913	8	RPM	216.7
SSS	W-12-6	2/2/19	610 S EICKHOFF RD	16251	16252	13215	8	RPM	495.9
SSS	W-12-6	2/2/19	714 S EICKHOFF RD	16252	AWW	5059	8	RPM	86.3
SSS	W-12-6	2/2/19	518 KEY WEST DR	14945	14928	13226	8	RPM	160.1
SSS	W-12-6	2/2/19	528 KEY WEST DR	CO	14945	11914	8	RPM	146.6
SSS	W-12-6	2/4/19	420 LARGO CT	14943	14942	13220	8	RPM	137
SSS	W-12-6	2/4/19	410 LARGO CT	14942	14325	13219	8	RPM	221.8
SSS	W-12-6	2/4/19	340 LARGO CT	14325	14941	13218	8	RPM	305
SSS	W-12-6	2/4/19	331 LARGO CT	14941	14324	13217	8	RPM	268.3
SSS	W-12-6	2/4/19	500 KEY WEST DR	14928	14927	13160	8	RPM	240.5
SSS	W-12-6	2/4/19	500 KEY WEST DR	14927	14926	13159	8	RPM	281.6
SSS	W-12-6	2/4/19	402 KEY WEST DR	14926	14937	13225	8	RPM	327.2
SSS	E-10-3	2/4/19	4120 OXMOOR RD	5575	5799	8207	8	VCP	336.6
SSS	W-12-6	2/4/19	328 KEY WEST DR	14937	14924	13163	8	RPM	236.4
SSS	W-12-6	2/4/19	316 KEY WEST DR	14924	14925	13228	8	RPM	277.1
SSS	E-10-3	2/5/19	4101 SADDLEBROOKE LN	5789	5782	8214	8	RCP	235.1
SSS	E-10-3	2/5/19	4217 SADDLEBROOKE LN	5787	5788	8212	8	RPM	278.6
SSS	E-10-3	2/5/19	4113 SADDLEBROOKE LN	5788	5789	8213	8	RPM	282.2
SSS	W-12-6	2/5/19	327 KEY WEST DR	14938	14937	13230	8	RPM	181.1
SSS	W-12-6	2/5/19	300 KEY WEST DR	14925	14923	13233	8	RPM	122.7
SSS	W-12-6	2/5/19	304 KEY WEST DR	14940	14923	13216	8	RPM	172.7
SSS	W-12-6	2/5/19	310 KEY WEST DR	14324	14940	13158	8	RPM	286.8
SSS	E-10-3	2/5/19	3201 AUTUMNWOOD WAY	5786	5784	8211	8	RPM	358.6
SSS	W-12-6	2/6/19	8111 UPPER WEST TERRACE DR	14929	14930	13222	8	RPM	256
SSS	W-12-6	2/6/19	8111 UPPER WEST TERRACE DR	14930	14931	12974	8	RPM	197.9
SSS	W-12-6	2/6/19	715 S EICKHOFF RD	16253	284283	11925	8	PVC	294.1
SSS	W-12-6	2/6/19	714 S EICKHOFF RD	284283	AWW	30965	10	PVC	10
SSS	W-12-6	2/7/19	717 AGATHON DR	282064	282063	28616	8	RPM	104.3

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-6	2/7/19	618 AGATHON DR	126197	126196	13012	8	VCP	63.8
SSS	E-10-3	2/7/19	4105 DEER TRL	5781	5782	8220	8	RPM	45.9
SSS	E-10-3	2/7/19	105 DEER TRL	5780	5781	8219	8	RPM	161.6
SSS	E-10-3	2/8/19	4108 DEER TRL	5783	5782	8216	8	RPM	345.3
SSS	E-10-3	2/8/19	3009 AUTUMMWOOD WAY	5785	5449	7014	8	RPM	305.4
SSS	W-9-3	2/8/19	2125 LEXINGTON RD	4806	4805	12494	10	RCP	226.3
SSS	W-9-3	2/8/19	2201 LEXINGTON RD	4805	125615	12493	10	VCP	345.5
SSS	W-12-6	2/8/19	603 CRESTMONT DR	126198	126189	13009	8	VCP	249.2
SSS	W-12-6	2/9/19	609 CRESTMONT DR	126196	126189	13011	8	VCP	127.2
SSS	W-12-6	2/9/19	617 CRESTMONT DR	126195	126189	13010	8	VCP	149.7
SSS	W-12-6	2/9/19	600 CRESTMONT DR	126171	126170	12234	8	RPM	133.6
SSS	W-12-6	2/9/19	600 CRESTMONT DR	126170	126172	12235	8	RPM	94.8
SSS	W-12-6	2/12/19	717 CRESTMONT DR	126190	126191	13001	8	VCP	196
SSS	W-12-6	2/12/19	713 CRESTMONT DR	126192	126191	13000	8	VCP	207.7
SSS	W-12-6	2/12/19	801 MELS DR	284275	126192	30950	8	RPM	142.6
SSS	E-10-3	2/13/19	4200 PIRATES ALY	15118	15117	7406	8	RPM	271.4
SSS	W-12-6	2/13/19	600 DREXEL DR	126176	126174	12991	8	RPM	183.8
SSS	W-12-6	2/13/19	600 DREXEL DR	126177	126176	12990	8	VCP	243.8
SSS	W-12-6	2/13/19	608 DREXEL DR	126178	126177	12989	8	VCP	292.1
SSS	E-10-3	2/13/19	422 PIRATES ALY	15119	15118	7407	8	RPM	234
SSS	W-12-6	2/13/19	622 DREXEL DR	126179	126178	12988	8	VCP	413.3
SSS	W-12-6	2/13/19	720 DREXEL DR	126181	126180	12986	8	VCP	19.9
SSS	W-12-6	2/13/19	712 DREXEL DR	126180	281900	28474	8	VCP	13.3
SSS	W-12-6	2/13/19	712 DREXEL DR	281900	126179	12987	8	VCP	317
SSS	E-10-3	2/13/19	2808 SARATOGA DR	4380	281864	7403	12	RPM	232.2
SSS	W-9-3	2/14/19	2391 LEXINGTON RD	4804	15059	12843	10	VCP	245.3
SSS	W-9-3	2/14/19	2512 LEXINGTON RD	4625	4623	24419	8	VCP	272
SSS	W-9-3	2/14/19	2442 LEXINGTON RD	4624	4625	24420	8	VCP	275.4
SSS	W-9-3	2/14/19	2442 LEXINGTON RD	4626	4623	24421	8	VCP	439
SSS	W-12-6	2/14/19	707 CRESTMONT DR	126191	126193	13002	8	VCP	251.6
SSS	W-12-6	2/14/19	618 AGATHON DR	126199	126197	13013	8	VCP	165
SSS	E-10-3	2/14/19	2905 AUTUMNWOOD WAY	5438	5436	7394	8	RPM	105
SSS	W-12-6	2/14/19	720 DREXEL DR	14327	126181	12985	8	VCP	497.3
SSS	W-9-3	2/15/19	2345 LEXINGTON RD	125615	4804	12492	10	VCP	347.3
SSS	W-9-3	2/15/19	2424 GLENVIEW DR	4622	4627	24428	8	VCP	205.3
SSS	W-9-3	2/15/19	2442 GLENVIEW DR	4627	4628	24429	8	VCP	265

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-6	2/15/19	720 DREXEL DR	15058	126181	12984	8	RPM	225
SSS	W-12-6	2/15/19	630 MELS DR	CO	282316	28894	8	RPM	46.4
SSS	W-12-6	2/15/19	623 MELS DR	282316	282318	28895	8	RPM	265.7
SSS	E-10-3	2/15/19	2809 BOXWOOD LN	4413	281864	27229	8	RPM	79.9
SSS	E-10-3	2/15/19	4101 KINGS RUN	4378	5769	7376	8	VCP	321.3
SSS	E-10-3	2/15/19	2809 BOXWOOD LN	5769	4414	7402	10	RPM	450.9
SSS	E-10-3	2/15/19	2805 BOXWOOD LN	AEP	4413	7404	8	RPM	140.7
SSS	W-12-6	2/15/19	783 PRIMROSE LN	172556	172555	24583	8	RPM	370.9
SSS	W-9-3	2/18/19	2225 GLENVIEW DR	15064	15063	12496	8	PVC	277.1
SSS	W-9-3	2/18/19	2245 GLENVIEW DR	15063	15062	12846	8	PVC	268
SSS	W-9-3	2/19/19	4901 N ST JOSEPH AVE	14381	14380	12828	8	PVC	96.6
SSS	W-9-3	2/19/19	2546 LOCUST CREEK DR	14384	14385	12829	8	PVC	417
SSS	W-9-3	2/19/19	2431 LOCUST CREEK DR	14385	14382	12830	8	PVC	158.4
SSS	W-9-3	2/19/19	2415 LOCUST CREEK DR	14382	14381	12832	8	PVC	327.9
SSS	W-12-6	2/19/19	8131 UPPER WEST TERRACE DR	14931	14326	13162	8	RPM	138.7
SSS	W-12-6	2/19/19	8131 UPPER WEST TERRACE DR	14326	14933	13229	8	RPM	160.1
SSS	W-12-6	2/19/19	415 SUMMERLAND CT	14932	14933	13223	8	RPM	174.9
SSS	E-10-3	2/19/19	4214 DERBY LN	15122	15121	7411	8	RPM	120
SSS	W-12-6	2/19/19	431 SUMMERLAND CT	14934	14933	13224	8	RPM	72.2
SSS	E-10-3	2/19/19	4214 DERBY LN	15121	15120	7409	8	RPM	58.7
SSS	E-10-3	2/19/19	4215 DERBY LN	15120	15118	7408	8	RPM	129.8
SSS	W-12-6	2/19/19	431 SUMMERLAND CT	AEP	14934	30963	8	RPM	38.8
SSS	W-12-6	2/19/19	431 SUMMERLAND CT	14933	14939	13232	8	RPM	236.2
SSS	E-10-3	2/19/19	4121 HUNTERS TRACE	5440	5439	7396	8	RPM	146.2
SSS	E-10-3	2/19/19	4131 HUNTERS TRACE	5441	5440	7395	8	RPM	168.6
SSS	W-9-3	2/20/19	2447 LOCUST CREEK DR	14383	14387	11889	8	RPM	181.3
SSS	W-9-3	2/20/19	2431 LOCUST CREEK DR	14387	14382	12831	8	RPM	33.6
SSS	W-9-2	2/20/19	2130 COMMERCIAL CT	281904	125632	28478	8	VCP	131.2
SSS	W-9-2	2/20/19	2130 COMMERCIAL CT	281903	125632	28479	8	VCP	107.2
SSS	W-12-6	2/20/19	801 PRIMROSE LN	172555	172554	24584	8	RPM	132.6
SSS	W-12-6	2/20/19	801 PRIMROSE LN	172554	14328	24581	8	RPM	49.5
SSS	W-12-6	2/20/19	718 MELS DR	14328	14327	12980	8	RPM	119
SSS	W-12-6	2/20/19	623 CRESTMONT DR	126194	126193	13003	8	VCP	398.7
SSS	W-9-2	2/21/19	2264 COMMERCIAL CT	4793	4792	12479	8	RPM	354.2
SSS	W-9-2	2/21/19	2190 COMMERCIAL CT	125632	4793	12488	8	RPM	339.9
SSS	W-9-2	2/21/19	2203 ERIC CT	4773	4774	12841	8	RPM	189.9

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-9-2	2/21/19	2210 ERIC CT	4772	4773	12842	8	RPM	72.2
SSS	W-12-6	2/21/19	706 CRESTMONT DR	126193	126188	13004	8	VCP	176.9
SSS	E-10-3	2/21/19	4132 HUNTERS TRACE	5439	5442	7009	8	RPM	246.9
SSS	E-10-3	2/21/19	4105 QUAIL HOLW	5442	5448	7011	8	RPM	120
SSS	W-12-6	2/21/19	702 CRESTMONT DR	126188	126187	13005	8	VCP	231.2
SSS	E-10-3	2/21/19	4105 QUAIL HOLW	5448	5447	7012	8	RPM	46.3
SSS	E-10-3	2/21/19	4108 QUAIL HOLW	5447	5780	7013	8	RPM	138.7
SSS	E-10-3	2/21/19	4205 Hunters Trace	AEP	5441	30964	8	RPM	4.1
SSS	W-9-2	2/22/19	3022 CROWLEY DR	125537	125536	21976	8	VCP	66.6
SSS	W-9-2	2/22/19	3025 CROWLEY DR	4748	125537	21977	8	VCP	572.7
SSS	W-9-2	2/22/19	3025 CROWLEY DR	125536	4754	21978	8	VCP	295.9
SSS	W-9-3	2/22/19	5901 N SAINT JOSEPH AVE	281934	281935	28518	12	RCP	154.6
SSS	W-9-2	2/25/19	3112 N 12TH AVE	4781	4780	12482	8	VCP	434.1
SSS	W-9-2	2/25/19	3204 N 12TH AVE	4782	4781	12483	8	VCP	396
SSS	W-9-2	2/25/19	3312 N 12TH AVE	4783	4782	12484	8	VCP	417.2
SSS	W-9-2	2/25/19	3025 WESTBROOK CT	125535	4755	21974	8	VCP	291.1
SSS	W-9-2	2/25/19	3007 WESTBROOK CT	4770	125535	21975	8	VCP	378.4
SSS	E-10-3	2/25/19	2601 AUTUMNWOOD WAY	4334	4366	7020	8	RPM	123.1
SSS	E-10-3	2/25/19	2711 AUTUMNWOOD WAY	4367	4368	7400	8	RPM	127.9
SSS	E-10-3	2/25/19	2741 AUTUMNWOOD WAY	CO	4367	7385	8	RPM	64.8
SSS	W-8-4	2/26/19	1131 SHEFFIELD DR	9351	9350	11879	8	VCP	351.2
SSS	W-9-2	2/26/19	3229 N ELEVENTH AVE	4771	4779	12481	8	VCP	239.9
SSS	W-9-2	2/26/19	3201 N ELEVENTH AVE	4778	4779	12838	8	VCP	46.6
SSS	W-9-2	2/26/19	3229 N ELEVENTH AVE	125631	4778	12839	8	RPM	194.6
SSS	W-9-2	2/26/19	3404 N ELEVENTH AVE	4774	125631	12840	10	RPM	271.7
SSS	W-9-2	2/26/19	2300 ALLENS LN	4751	4754	13545	12	VCP	46
SSS	W-9-2	2/26/19	2300 ALLENS LN	4754	4780	13549	12	VCP	111.6
SSS	W-9-3	2/26/19	5015 N SAINT JOSEPH AVE	4831	14380	15451	12	RCP	368.1
SSS	W-9-2	2/26/19	3129 N ELEVENTH AVE	4779	4758	21990	8	VCP	333.7
SSS	W-9-2	2/26/19	2204 ALLENS LN	4758	4756	22549	8	VCP	358.4
SSS	E-10-3	2/26/19	4201 FOXCROFT WAY	4370	4371	7021	8	RPM	108.9
SSS	E-10-3	2/26/19	4200 KINGS RUN	4369	4370	7022	8	RPM	217.3
SSS	E-10-3	2/26/19	4213 PIRATES ALY	4373	4372	7382	8	RPM	223.8
SSS	E-10-3	2/26/19	2761 AUTUMNWOOD WAY	4374	4373	7383	8	RPM	225.2
SSS	E-10-3	2/26/19	4212 KINGS RUN	4368	4369	7397	8	RPM	223.1
SSS	E-10-3	2/26/19	4200 FOXCROFT WAY	4372	4371	7399	8	RPM	178.3

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-6	2/26/19	7820 BLESSING WAY	16240	16241	12963	8	RPM	113.8
SSS	W-12-6	2/26/19	7720 HOGUE RD	16239	16240	12964	8	RPM	289.2
SSS	E-10-3	2/26/19	2711 AUTUMNWOOD WAY	2675	4368	7019	8	RCP	65.5
SSS	W-12-6	2/26/19	616 CRESTMONT DR	126189	126186	13008	8	VCP	195.6
SSS	W-12-6	2/26/19	801 PRIMROSE LN	CO	172554	24582	8	RPM	86.7
SSS	W-12-6	2/27/19	616 CRESTMONT DR	126187	126186	13006	8	VCP	308.1
SSS	W-12-6	2/27/19	612 CRESTMONT DR	126186	126175	13007	8	VCP	240
SSS	W-12-6	2/27/19	606 CRESTMONT DR	126175	126174	12999	8	PVC	33.1
SSS	W-12-6	2/27/19	620 BIDDLE CT	126185	126184	12995	8	VCP	412
SSS	E-10-3	3/1/19	4201 FOXCROFT WAY	4371	5769	7377	8	RPM	263.7
SSS	E-10-3	3/2/19	2607 KINGS CT	4333	4376	7016	8	RPM	95.5
SSS	E-10-3	3/4/19	2658 SARATOGA DR	4377	4376	7017	8	RPM	146.3
SSS	E-10-3	3/4/19	2658 SARATOGA DR	4379	4377	7398	8	RPM	165.4
SSS	W-12-6	3/4/19	615 DREXEL DR	126184	126183	12996	8	VCP	265.8
SSS	E-10-3	3/4/19	4100 KINGS RUN	4376	4378	7018	8	RPM	221.3
SSS	E-10-3	3/5/19	3112 CROSSBOW LN	4421	5776	14986	12	RPM	425
SSS	E-10-3	3/6/19	2500 SARATOGA DR	5756	5760	22589	10	RCP	146.2
SSS	E-10-3	3/6/19	2500 SARATOGA DR	5758	5756	22590	10	RCP	146.9
SSS	E-10-3	3/6/19	2500 SARATOGA DR	5759	5758	22591	10	RCP	64.4
SSS	E-10-3	3/6/19	2500 SARATOGA DR	5753	5759	22592	10	RCP	133.9
SSS	E-10-3	3/6/19	2501 HIALEAH DR	5760	5761	22595	10	RCP	68.9
SSS	W-9-2	3/7/19	2208 ALLAN CT	4757	4758	12480	8	RPM	237.3
SSS	W-9-3	3/7/19	5814 N SAINT JOSPEH AVE	281935	281967	28552	12	RCP	228.4
SSS	E-10-3	3/7/19	220 SARATOGA DR	5738	5737	7967	8	VCP	407.1
SSS	E-10-3	3/7/19	2320 SARATOGA DR	5737	5756	7968	8	VCP	401.7
SSS	W-12-6	3/7/19	709 MELS DR	15056	15057	12982	8	VCP	509.1
SSS	E-10-3	3/7/19	2420 HIALEAH DR	5761	5762	22594	10	RCP	136.7
SSS	W-12-6	3/7/19	720 DREXEL DR	15057	15058	12983	8	VCP	208.7
SSS	E-10-3	3/7/19	4219 KINGS RUN	4366	4379	7206	8	RPM	117.5
SSS	W-9-3	3/8/19	2407 N SAINT JOSEPH AVE	4801	4802	24409	8	VCP	205.5
SSS	W-9-3	3/8/19	3906 SAINT JOSPEH AVE	4800	4801	24410	8	VCP	395.8
SSS	W-9-3	3/8/19	4101 N SAINT JOSPEH AVE	4802	4621	24411	8	VCP	401.1
SSS	E-10-3	3/8/19	2900 SARATOGA DR	15117	4380	7405	8	RPM	18.6
SSS	W-12-6	3/8/19	600 DREXEL DR	126172	126200	12994	8	RPM	136.8
SSS	W-12-6	3/8/19	600 DREXEL DR	126174	126173	12992	8	RPM	129.4
SSS	W-12-6	3/8/19	600 DREXEL DR	126173	126172	12993	8	RPM	118.2

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-8-3	3/11/19	4518 LONGFIELD DR	4102	3749	11610	8	PVC	450.3
SSS	W-9-3	3/11/19	4220 N SAINT JOSPEH AVE	AEP	4846	12501	10	RCP	3.1
SSS	W-9-3	3/11/19	4220 N SAINT JOSPEH AVE	4621	4828	24412	10	RCP	441
SSS	W-9-3	3/11/19	4220 N SAINT JOSPEH AVE	4846	4828	24413	10	RCP	348
SSS	W-9-3	3/11/19	4301 N SAINT JOSPEH AVE	4828	4818	24418	10	RCP	68.1
SSS	W-12-5	3/11/19	1230 MCDOWELL RD	126705	126704	12240	8	RPM	214.6
SSS	W-12-5	3/11/19	9200 ALLISON DR	14998	14997	13268	8	RPM	188.2
SSS	W-12-5	3/11/19	9200 ALLISON DR	15000	14997	13258	8	RPM	72.2
SSS	W-12-5	3/11/19	9200 ALLISON DR	14999	14997	13257	8	RPM	126.8
SSS	W-12-5	3/11/19	9128 ALLISON DR	14997	14996	13267	8	RPM	337.1
SSS	W-12-5	3/11/19	1930 WILLOW CREEK DR	14996	14995	13266	8	RPM	101.6
SSS	E-10-3	3/11/19	4520 MYSTIC CT	280708	280707	26195	8	RPM	292.3
SSS	W-12-5	3/11/19	2002 WILLOW CREEK DR	14995	14991	13265	8	RPM	327.6
SSS	W-12-5	3/11/19	9016 GREYSTONE CT	14991	14990	13264	8	RPM	162.5
SSS	E-10-3	3/11/19	722 SPRING VALLEY RD	280758	280757	26253	8	RPM	219.9
SSS	W-12-5	3/11/19	9017 GREYSTONE CT	14992	14991	13270	8	RPM	93.3
SSS	E-10-3	3/11/19	4722 SPRING VALLEY RD	280759	280758	26252	10	RPM	53.4
SSS	W-12-5	3/11/19	2031 WILLOW CREEK DR	14993	14991	13271	8	RPM	177.4
SSS	E-10-3	3/11/19	4722 SPRING VALLEY RD	280760	280759	26251	10	RPM	7.2
SSS	E-10-3	3/12/19	2322 HIALEAH DR	5762	5741	22598	12	RCP	240.8
SSS	W-9-3	3/12/19	4101 N SAINT JOSEPH AVE	4803	4817	24414	10	VCP	370.8
SSS	E-10-3	3/12/19	2322 HIALEAH DR	5763	5762	7401	8	VCP	156.8
SSS	E-10-3	3/12/19	2322 HIALEAH DR	76251	5740	7965	8	VCP	343.2
SSS	E-10-3	3/12/19	2322 HIALEAH DR	5740	5741	7966	8	VCP	355
SSS	W-12-6	3/12/19	701 AGATHON DR	282063	126199	12233	8	VCP	315.2
SSS	W-12-5	3/12/19	9110 GREYSTONE CT	14990	14985	13263	8	RPM	189.2
SSS	W-12-5	3/12/19	9109 JILLIAN CT	14985	14988	12521	8	RPM	22.9
SSS	W-12-5	3/12/19	9109 JILLIAN CT	14988	14986	13255	8	RPM	161.5
SSS	W-12-5	3/12/19	9108 JILLIAN CT	14986	14982	13253	8	RPM	116.6
SSS	W-12-5	3/12/19	9109 JILLIAN CT	14989	14988	13256	8	RPM	365.1
SSS	W-12-5	3/12/19	9108 JILLIAN CT	14987	14986	13254	8	RPM	293.1
SSS	W-12-5	3/12/19	9101 MEGHAN CT	14981	14982	13251	8	RPM	298.6
SSS	W-12-5	3/12/19	9101 MEGHAN CT	14982	14979	13250	8	RPM	163.9
SSS	W-12-5	3/12/19	9100 MEGHAN CT	14979	14978	13248	8	RPM	122.1
SSS	W-9-3	3/13/19	4607 N SAINT JOSEPH AVE	4824	4823	13573	12	VCP	374.5
SSS	W-9-3	3/13/19	4707 N SAINT JOSEPH AVE	4825	4824	13574	12	VCP	373

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-9-3	3/13/19	4901 N SAINT JOSEPH AVE	4826	4825	15449	12	VCP	405.3
SSS	W-9-3	3/13/19	4117 N SAINT JOSEPH AVE	4817	4818	24415	12	VCP	350.6
SSS	W-12-5	3/13/19	9100 MEGHAN CT	14980	14979	13249	8	RPM	286.4
SSS	W-12-5	3/13/19	9200 MEGHAN CT	14977	14978	13247	8	RPM	308.6
SSS	W-12-5	3/14/19	9020 MARFIELD CT	14983	14984	13252	8	RPM	286.9
SSS	W-12-5	3/14/19	9103 MARFIELD CT	14978	14984	13262	8	RPM	155.9
SSS	W-9-3	3/15/19	2316 GLENVIEW DR	15060	15059	12495	8	PVC	12.4
SSS	W-9-3	3/15/19	2316 GLENVIEW DR	15061	15060	12844	8	RPM	258.6
SSS	W-9-3	3/15/19	2336 N SAINT JOSEPH AVE	15059	4803	24416	10	VCP	286.6
SSS	W-9-3	3/15/19	4301 N SAINT JOSEPH AVE	4818	4819	24417	10	VCP	397.6
SSS	E-10-3	3/15/19	4100 SPRING VALLEY RD	5577	5802	14982	12	VCP	368.6
SSS	E-10-3	3/15/19	2301 STOCKWELL RD	5741	5742	22597	10	RPM	321
SSS	W-12-6	3/16/19	705 MELS DR	282318	15056	12981	8	VCP	247.3
SSS	W-12-6	3/16/19	623 MELS DR	15055	282318	28893	8	VCP	231.4
SSS	W-12-6	3/16/19	611 MELS DR	CO	15055	28896	8	VCP	89.4
SSS	W-12-5	3/16/19	2310 WILLOW CREEK DR	14984	14975	13261	8	RPM	132.3
SSS	W-12-5	3/16/19	2310 WILLOW CREEK DR	14975	14974	13246	8	RPM	189.1
SSS	W-9-2	3/18/19	2311 SHERIDAN RD	281946	4813	21992	8	VCP	354.8
SSS	W-9-2	3/18/19	2307 SHERIDAN RD	4816	281946	21993	8	VCP	54.7
SSS	W-9-2	3/18/19	3601 N SAINT JOSEPH AVE	4795	4785	22541	10	VCP	68
SSS	W-9-2	3/18/19	3701 N SAINT JOSEPH AVE	281969	4795	22542	10	VCP	406.3
SSS	W-9-2	3/18/19	3817 N SAINT JOSEPH AVE	4813	4796	22543	10	VCP	301
SSS	W-9-2	3/18/19	3701 N SAINT JOSEPH AVE	4796	281969	28553	10	VCP	90
SSS	W-12-5	3/18/19	2310 WILLOW CREEK DR	14976	14975	13260	8	RPM	303.5
SSS	W-12-5	3/18/19	9200 RYAN CT	14970	14968	13244	8	RPM	311
SSS	W-12-5	3/18/19	2425 WILLOW CREEK DR	14968	14967	13243	8	RPM	295.6
SSS	W-12-5	3/18/19	2515 WILLOW CREEK DR	14967	14966	12267	8	RPM	201.8
SSS	W-12-5	3/18/19	9200 RYAN CT	14971	14970	13245	8	RPM	234.7
SSS	W-12-5	3/18/19	2330 WILLOW CREEK DR	14974	14970	13259	8	RPM	113.1
SSS	W-12-5	3/18/19	2425 WILLOW CREEK DR	14969	14968	13242	8	RPM	141.2
SSS	W-9-2	3/19/19	3539 COMMERCIAL CT	4792	4785	12491	8	RPM	351
SSS	W-12-6	3/19/19	304 KEY WEST DR	14923	AWW	13161	8	RPM	23
SSS	E-10-3	3/20/19	2307 SARATOGA DR	5736	168294	22599	8	VCP	304
SSS	E-10-3	3/20/19	2307 SARATOGA DR	168294	5753	22602	10	RPM	304.2
SSS	E-10-3	3/20/19	2809 BOXWOOD LN	AEP	4413	7386	8	PVC	106.2
SSS	W-12-5	3/20/19	2535 WILLOW CREEK DR	14966	14965	12266	8	RPM	119.5

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-5	3/20/19	2535 WILLOW CREEK DR	14965	AWW	12265	8	RPM	334.1
SSS	W-12-5	3/20/19	2515 WILLOW CREEK DR	CO	14967	13241	8	RPM	99.8
SSS	W-12-5	3/20/19	9351 FARMINGTON DR	126700	126701	12237	8	RPM	413
SSS	W-12-5	3/20/19	9506 FARMINGTON DR	126699	126700	12236	8	RPM	134.1
SSS	W-12-5	3/20/19	9351 FARMINGTON DR	126701	126702	12238	8	RPM	80.9
SSS	W-12-5	3/20/19	9351 FARMINGTON DR	126704	126701	12241	8	RPM	337.6
SSS	W-9-2	3/21/19	3520 N SAINT JOSEPH AVE	CO	4786	12487	8	RPM	44.7
SSS	W-9-2	3/21/19	3216 N SAINT JOSEPH AVE	4789	4791	13566	15	RPM	356.2
SSS	W-9-2	3/21/19	3322 N SAINT JOSEPH AVE	38504	4789	13567	15	RPM	345.8
SSS	W-9-2	3/21/19	3416 N SAINT JOSEPH AVE	38503	38504	13568	15	RPM	285.2
SSS	W-9-2	3/21/19	3510 N SAINT JOSEPH AVE	4786	38503	13569	15	RPM	136.6
SSS	W-9-2	3/21/19	3510 N SAINT JOSEPH AVE	4785	4786	13570	12	RPM	61.3
SSS	W-9-2	3/21/19	3100 N SAINT JOSEPH AVE	4791	4753	13585	15	RPM	350.9
SSS	W-9-3	3/21/19	5208 WESTCHESTER DR	AEP	4838	24629	8	RPM	47.8
SSS	W-12-5	3/22/19	9351 FARMINGTON DR	CO	126702	12239	8	RPM	56.8
SSS	W-12-5	3/22/19	9351 FARMINGTON DR	126702	126706	12242	8	RPM	287.9
SSS	W-12-5	3/22/19	9217 FARMINGTON DR	126706	282159	28731	8	RPM	282.7
SSS	W-12-5	3/22/19	9119 FARMINGTON DR	282159	126707	12243	8	RPM	292.5
SSS	W-12-5	3/22/19	9111 FARMINGTON DR	126707	282158	28730	8	RPM	257.9
SSS	W-12-5	3/22/19	9017 FARMINGTON DR	282158	126709	12244	8	RPM	246.5
SSS	W-12-5	3/22/19	9111 FARMINGTON DR	126708	126707	12245	8	VCP	211.5
SSS	W-12-5	3/22/19	9201 GREYSTONE CT	14994	14993	13269	8	RPM	341.8
SSS	W-8-1	3/25/19	700 FAIRWAY DR	9031	9151	11434	8	VCP	414.5
SSS	E-10-3	3/25/19	3109 AUTUMNWOOD WAY	5449	5784	7015	8	RPM	301
SSS	W-12-5	3/25/19	8600 UNIVERSITY BLVD	126709	282092	28645	8	RPM	269.6
SSS	W-12-5	3/25/19	8600 UNIVERSITY BLVD	282092	284301	12246	8	RPM	379.6
SSS	W-12-5	3/25/19	8600 UNIVERSITY BLVD	284301	126270	30983	8	RPM	239.9
SSS	W-12-5	3/25/19	8600 UNIVERSITY BLVD	126270	AWW	28720	15	RPM	17.2
SSS	W-9-2	3/26/19	2811 N SAINT JOSPEH AVE	4749	4750	12515	8	VCP	47
SSS	W-9-2	3/26/19	3006 N SAINT JOSPEH AVE	38506	38505	22553	10	VCP	313.4
SSS	W-12-5	3/26/19	7107 LOCUST TREE LN	15048	126053	12249	8	RPM	169.4
SSS	W-12-5	3/26/19	7168 LOCUST TREE LN	15050	15048	12247	8	RPM	445.1
SSS	W-12-5	3/26/19	1802 SCHUTTE RD	AEP	15044	30985	8	VCP	23.2
SSS	W-12-5	3/27/19	1802 SCHUTTE RD	15044	15043	13278	8	VCP	226.8
SSS	E-10-3	3/27/19	2301 N STOCKWELL RD	5742	5721	22600	10	RPM	325
SSS	W-12-5	3/27/19	1801 SCHUTTE RD	15043	15046	13275	8	VCP	182.4

TABLE 7-5

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-5	3/27/19	1801 SCHUTTE RD	15046	15045	13276	8	RPM	188.5
SSS	W-12-5	3/27/19	1801 SCHUTTE RD	15045	15040	13273	8	RPM	181.5
SSS	W-12-5	3/27/19	1801 SCHUTTE RD	15040	15041	13277	8	RPM	148.1
SSS	W-12-5	3/27/19	1801 SCHUTTE RD	15041	284302	13272	8	RPM	249
SSS	E-10-3	3/27/19	2301 N STOCKWELL RD	5721	73821	22601	15	RCP	236.1
SSS	E-10-3	3/27/19	2301 N STOCKWELL RD	73821	5719	15179	15	RCP	344.5
SSS	E-10-3	3/27/19	2301 N STOCKWELL RD	5719	281863	15382	15	RCP	350.5
SSS	E-10-3	3/28/19	2501 N STOCKWELL RD	5765	5764	15107	15	RPM	401.2
SSS	E-10-3	3/28/19	2701 STOCKWELL RD	5766	5765	15109	15	RPM	232.9
SSS	E-10-3	3/28/19	2501 N STOCKWELL RD	5764	5721	15110	15	RPM	330.9
SSS	E-10-2	3/28/19	1918 N COLONY RD	50982	99093	15384	15	RPM	380
SSS	E-10-3	3/28/19	2301 N STOCKWELL RD	281863	50982	28430	15	RCP	104.2
SSS	W-12-5	3/28/19	7420 PINE RIDGE DR	15014	15013	12258	8	RPM	219.1
SSS	W-12-5	3/28/19	7420 PINE RIDGE DR	284303	15014	12264	8	RPM	340.4
SSS	E-10-3	3/29/19	4105 HUNTERS TRACE	73817	73818	15409	12	VCP	193
SSS	E-10-3	3/29/19	4105 HUNTERS TRACE	15128	73818	7201	12	VCP	178.3
SSS	E-10-3	3/30/19	2701 N STOCKWELL RD	73820	73819	15410	15	RPM	30.7
SSS	E-10-3	3/30/19	2701 N STOCKWELL RD	73819	5667	15407	15	RPM	347.2
SSS	E-10-3	3/30/19	2701 N STOCKWELL RD	5667	5766	15108	15	RPM	411.2
SSS	E-10-3	4/1/19	2909 AUTUMNWOOD WAY	5437	5436	7393	8	RPM	137.7
SSS	E-10-3	4/1/19	4217 HUNTERS TRCE	5436	15122	7410	8	RCP	139.4
SSS	E-10-3	4/1/19	2909 AUTUMNWOOD WAY	CO	15122	7412	8	RCP	121.5
SSS	E-10-3	4/1/19	4105 HUNTERS TRACE	4414	15128	7413	12	VCP	139.4
SSS	E-10-3	4/2/19	4008 DEER TRL	5800	5792	14978	8	PVC	418.7
SSS	E-10-3	4/2/19	4008 DEER TRL	5792	5791	14979	12	VCP	71.4
SSS	E-10-3	4/2/19	4212 QUAIL HOLW	CO	5778	7388	8	RCP	38.42
SSS	E-10-3	4/2/19	4212 QUAIL HOLW	76250	5778	7389	8	RPM	158.1
SSS	E-10-3	4/2/19	4212 QUAIL HOLW	CO	76250	7390	8	RPM	43.9
SSS	E-10-3	4/2/19	4212 QUAIL HOLW	CO	76250	7391	8	RPM	36.8
SSS	E-10-3	4/2/19	4008 DEER TRL	5782	5793	8217	10	RCP	247.3
SSS	E-10-3	4/2/19	4008 DEER TRL	5793	5790	8218	12	VCP	31.7
SSS	W-12-5	4/2/19	7437 RICH LYNN DR	126722	15007	12262	8	RPM	438.6
SSS	W-12-5	4/2/19	7107 LOCUST TREE LN	15051	126053	12248	8	RPM	430.5
SSS	E-10-3	4/3/19	2217 SARATOGA DR	80865	5736	22596	8	VCP	358.5
SSS	E-10-3	4/3/19	3224 CROSSBOW LN	5795	5796	8204	8	VCP	385.5
SSS	E-10-3	4/3/19	3920 DEER TRL	5796	4421	8285	8	VCP	386.5

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-3	4/3/19	720 LYDIA CT	284045	284046	30644	8	PVC	162.2
SSS	E-10-3	4/4/19	2307 SARATOGA DR	5754	5753	22593	8	VCP	357.2
SSS	E-10-3	4/4/19	2513 HALEAH DR	5755	5756	22603	8	RPM	259.5
SSS	W-12-5	4/5/19	1801 SCHUTTE RD	284032	15039	30984	8	VCP	225.1
SSS	E-10-3	4/8/19	2601 AUTUMNWOOD WAY	CO	4334	7392	8	RPM	93.8
SSS	E-10-3	4/9/19	3105 SARATOGA DR	5778	5779	7380	8	RPM	179.3
SSS	E-10-3	4/9/19	3105 SARATOGA DR	5779	5780	7381	8	RPM	319
SSS	W-12-2	4/9/19	1510 JOHNSON LN	14650	14649	23634	8	RPM	225.6
SSS	W-12-2	4/9/19	1600 JOHNSON LN	14651	14650	23635	8	RPM	302.3
SSS	W-12-2	4/9/19	4600 BROADWAY AVE	CO	14649	23633	8	RPM	60.3
SSS	W-12-2	4/9/19	1510 JOHNSON LN	14649	14648	23636	8	RPM	183.7
SSS	W-12-2	4/9/19	1726 JOHNSON LN	14652	14651	13479	8	VCP	157.7
SSS	W-12-6	4/9/19	7620 HOGUE RD	16238	16239	12965	8	RPM	405.1
SSS	W-12-6	4/9/19	7510 HOGUE RD	16237	16238	12966	8	RPM	105.3
SSS	W-12-6	4/9/19	7526 HOGUE RD	16236	16237	12967	8	RPM	340
SSS	W-12-4	4/10/19	5919 SARABETH LN	14921	14920	22007	8	RPM	169.4
SSS	E-10-2	4/11/19	1700 MORGAN CENTER DR	4181	5651	22404	8	RPM	138.2
SSS	E-10-2	4/11/19	1801 E MORGAN AVE	5631	4184	22405	8	RPM	144.3
SSS	E-10-2	4/11/19	1801 E MORGAN AVE	4184	4181	22406	8	RPM	242.1
SSS	E-10-2	4/11/19	1700 MORGAN CENTER DR	284310	284313	22563	8	RCP	163.5
SSS	E-10-2	4/11/19	1801 E MORGAN AVE	AEP	4184	7950	8	RPM	255.2
SSS	E-10-2	4/11/19	1700 MORGAN CENTER DR	4182	4181	7951	8	RPM	166
SSS	E-10-2	4/11/19	1700 MORGAN CENTER DR	4183	4181	9006	8	RPM	254.8
SSS	E-10-2	4/12/19	1801 E MORGAN AVE	5632	5631	22407	8	RPM	219.6
SSS	E-10-2	4/12/19	1627 SHEPHERD DR	5647	5646	7942	10	VCP	235.2
SSS	E-10-2	4/12/19	4210 KECK AVE	5732	5730	22100	8	RCP	266.2
SSS	E-10-2	4/15/19	4365 MAXWELL AVE	282441	5651	22103	8	RCP	352.1
SSS	E-10-2	4/15/19	1627 SHEPHERD DR	5645	5646	7943	8	VCP	37.6
SSS	E-10-2	4/15/19	4365 MAXWELL AVE	5652	282441	29013	8	RCP	358.4
SSS	E-10-2	4/15/19	1627 SHEPHERD DR	5644	5645	7949	8	VCP	150.4
SSS	E-10-2	4/15/19	4225 E MORGAN AVE	5622	5623	7947	8	RPM	348.3
SSS	E-10-2	4/15/19	4401 E MORGAN AVE	5621	5622	7946	8	RPM	305.3
SSS	E-10-2	4/15/19	4210 KECK AVE	5642	5730	22364	10	RCP	404.3
SSS	E-10-2	4/15/19	4210 KECK AVE	5641	5642	22363	10	RCP	403.4
SSS	E-10-2	4/15/19	4210 KECK AVE	AEP	5641	22362	8	RCP	53.8
SSS	W-9-4	4/16/19	2601 N SAINT JOSEPH AVE	99782	99781	12514	8	RPM	221

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-2	4/16/19	4300 KECK AVE	5733	5732	22099	8	RCP	305.6
SSS	E-10-2	4/16/19	4300 KECK AVE	168087	5733	22105	8	RCP	306.5
SSS	E-10-2	4/16/19	4210 KECK AVE	5731	5730	22365	10	RCP	150.7
SSS	E-10-2	4/16/19	4401 THEATER DR	5735	5734	22366	8	RCP	277.9
SSS	E-10-2	4/16/19	4401 THEATER DR	5734	5731	22367	8	VCP	260.4
SSS	W-9-2	4/16/19	3205 N SAINT JOSEPH AVE	4790	4752	22556	10	VCP	376
SSS	W-9-4	4/16/19	1545 SUMMIT DR	281062	4744	26747	12	RPM	74.9
SSS	E-10-2	4/16/19	4501 E MORGAN AVE	CO	5621	7945	8	RPM	89.8
SSS	E-10-2	4/16/19	4200 E MORGAN AVE	5625	5626	7953	8	RPM	94.6
SSS	E-10-2	4/16/19	4250 E MORGAN AVE	5650	5648	22104	8	VCP	306
SSS	E-10-2	4/16/19	4250 E MORGAN AVE	5648	5647	7955	10	VCP	206.6
SSS	E-10-2	4/17/19	4300 KECK AVE	5643	168087	22098	8	RCP	248.8
SSS	E-10-2	4/17/19	4365 MAXWELL AVE	5651	284310	30994	8	RCP	11.1
SSS	E-10-2	4/17/19	4365 MAXWELL AVE	284313	5650	30999	8	RCP	52.4
SSS	W-12-5	4/17/19	7416 PINE RIDGE DR	15016	15015	12260	8	RPM	133.4
SSS	W-12-5	4/17/19	7410 PINE RIDGE DR	15017	15016	12261	8	RPM	121.5
SSS	W-12-5	4/17/19	7422 PINE RIDGE DR	15015	15013	12259	8	RPM	356.9
SSS	W-12-5	4/17/19	7415 PINE RIDGE DR	15013	15010	12257	8	RPM	325.1
SSS	W-9-4	4/18/19	2428 BEMENT AVE	8285	8286	11395	8	VCP	102.1
SSS	W-9-4	4/18/19	1724 RUSSELL AVE	8286	8287	11396	8	VCP	189.2
SSS	W-9-4	4/18/19	1801 CHARLOTTE AVE	8287	8279	11399	8	VCP	169.1
SSS	W-9-4	4/18/19	1721 CHARLOTTE AVE	8279	99124	12382	8	ZZZ	234.9
SSS	W-9-4	4/18/19	1700 RUSSELL AVE	99124	8154	23083	8	VCP	206.5
SSS	W-9-4	4/18/19	1705 RUSSELL AVE	8276	8275	23085	8	VCP	172.1
SSS	W-9-4	4/18/19	1609 RUSSELL AVE	8154	8153	23086	8	VCP	303.7
SSS	E-10-2	4/18/19	3621 REIS AVE	14314	4361	24082	10	RCP	340.7
SSS	E-10-2	4/18/19	3621 REIS AVE	4361	4360	24083	10	RCP	365.7
SSS	W-9-4	4/18/19	2428 BEMENT AVE	CO	8286	28615	8	VCP	115.7
SSS	E-10-2	4/18/19	3621 REIS AVE	50404	14313	5097	10	RPM	281.4
SSS	E-10-2	4/18/19	3621 REIS AVE	14313	14314	9007	10	RPM	2
SSS	W-9-4	4/19/19	2421 RUBY AVE	8153	8152	23080	10	VCP	128.3
SSS	W-9-4	4/19/19	1701 RUSSELL AVE	8275	8154	23084	8	VCP	157.5
SSS	W-9-4	4/19/19	1509 RUSSELL AVE	8142	8141	6452	8	VCP	178
SSS	W-9-4	4/19/19	1524 RUSSELL AVE	8141	8152	6453	8	VCP	68
SSS	E-10-2	4/19/19	4001 E EICHEL AVE	5617	15158	7962	8	RPM	361.1
SSS	E-10-2	4/19/19	4001 E EICHEL AVE	15158	15159	8031	8	RPM	59.9

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-2	4/19/19	1420 N STOCKWELL RD	281277	281278	26901	8	PVC	125.7
SSS	E-10-2	4/19/19	1420 N STOCKWELL RD	281278	283812	26902	8	RPM	55.2
SSS	E-10-2	4/19/19	1420 N STOCKWELL RD	281276	281277	26900	8	RPM	314
SSS	W-9-4	4/22/19	2458 BUCHANAN RD	4744	282859	13584	12	RPM	96.5
SSS	W-9-3	4/22/19	4901 N SAINT JOSEPH AVE	14380	4826	15450	12	VCP	383
SSS	W-9-4	4/22/19	2458 BUCHANAN RD	282859	4745	29444	12	RPM	139
SSS	E-10-1	4/22/19	3530 STANMORE DR	280139	280122	24873	8	RPM	169.7
SSS	E-10-1	4/22/19	3530 STANMORE DR	280122	280121	24860	8	RPM	266.2
SSS	E-10-1	4/22/19	3530 STANMORE DR	280147	280122	24656	8	RPM	214.8
SSS	E-10-1	4/22/19	4201 HALFORD DR	280146	280147	24655	8	RPM	281.6
SSS	E-10-2	4/22/19	4004 MORGAN AVE	5653	5654	7961	8	RCP	260
SSS	E-10-1	4/22/19	3601 PIGEONBROOK CT	280145	280144	24657	8	RPM	418
SSS	E-10-1	4/22/19	4301 SHADWELL DR	280144	280123	24658	8	RPM	260.8
SSS	E-10-1	4/22/19	4211 SHADWELL DR	280123	280121	24859	8	RPM	312.5
SSS	E-10-1	4/22/19	4119 SHADWELL DR	280121	280120	24861	8	RPM	317.4
SSS	E-10-1	4/22/19	3605 STANMORE DR	280140	280139	24872	8	RPM	116.7
SSS	E-10-1	4/22/19	4025 SHADWELL DR	280120	280119	24862	8	RPM	145.8
SSS	E-10-1	4/22/19	3824 PARK RIDGE DR	CO	4175	8227	8	RPM	70.4
SSS	E-10-1	4/22/19	3824 PARK RIDGE DR	4175	4445	8226	8	RPM	170.7
SSS	E-10-1	4/22/19	3924 SEASONS PTE	4445	4444	8233	8	RPM	268.4
SSS	W-9-4	4/23/19	1365 MESKER PARK DR	8290	8150	11397	8	VCP	354.1
SSS	W-9-4	4/23/19	4405 MESKER PARK DR	8288	8290	12283	8	VCP	305
SSS	W-9-4	4/23/19	1431 MESKER PARK DR	8284	8288	13497	8	VCP	340.4
SSS	W-9-2	4/23/19	2023 ALLENS LN	131880	131881	21981	12	VCP	404
SSS	W-9-2	4/23/19	2029 ALLENS LN	131881	131882	21982	12	VCP	401
SSS	W-9-2	4/23/19	2023 ALLENS LN	281963	131880	28550	12	VCP	401
SSS	W-9-4	4/23/19	1305 MESKER PARK DR	8149	8151	6458	8	VCP	206
SSS	E-10-2	4/23/19	1925 N MEADOW RD	5722	281227	22356	8	RCP	252.1
SSS	E-10-2	4/23/19	1410 N STOCKWELL RD	281274	281275	26898	8	RPM	109.4
SSS	E-10-2	4/23/19	1420 N STOCKWELL RD	281275	281276	26899	8	RPM	235.2
SSS	E-10-2	4/23/19	1907 N COLONY RD	281227	5723	27031	8	RCP	160.2
SSS	E-10-1	4/23/19	3728 PARK RIDGE DR	4446	4175	8228	8	RPM	183.6
SSS	E-10-1	4/23/19	3704 PARK RIDGE DR	CO	4447	11245	8	RPM	30.5
SSS	E-10-1	4/23/19	3704 PARK RIDGE DR	CO	4447	8231	8	RPM	96.3
SSS	E-10-1	4/23/19	3704 PARK RIDGE DR	4447	4445	8230	8	RPM	326.3
SSS	E-10-1	4/23/19	3604 PARK RIDGE DR	CO	4449	11244	8	RPM	129.8

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-2	4/23/19	4401 THEATER DR	5658	5652	22102	8	RCP	403.5
SSS	E-10-1	4/23/19	3604 PARK RIDGE DR	CO	4449	11243	8	RPM	135.3
SSS	E-10-1	4/23/19	3604 PARK RIDGE DR	4449	4448	11242	8	RPM	192.18
SSS	E-10-1	4/23/19	3505 N STOCKWELL RD	4448	4444	8232	8	RPM	241.6
SSS	W-9-3	4/24/19	2607 LEXINGTON RD	4629	4630	24422	8	VCP	307
SSS	W-9-3	4/24/19	2443 LEXINGTON RD	4623	4628	24426	8	VCP	303
SSS	W-9-3	4/24/19	2519 LEXINGTON AVE	4630	4628	24427	8	VCP	307.7
SSS	E-10-1	4/24/19	3329 N STOCKWELL RD	280119	280118	24863	8	RPM	134.4
SSS	E-10-1	4/24/19	3329 N STOCKWELL RD	4444	280118	24857	10	RPM	308
SSS	E-10-2	4/24/19	4210 KECK AVE	5730	5728	22353	10	RCP	269.9
SSS	E-10-2	4/25/19	4225 E MORGAN AVE	5623	5624	7948	8	RPM	286.6
SSS	E-10-1	4/25/19	2112 N LOMBARD AVE	5694	5693	24064	10	RCP	213.5
SSS	E-10-1	4/25/19	2010 N LOMBARD AVE	5693	50811	24065	10	RCP	191.1
SSS	E-10-2	4/25/19	4200 MORGAN AVE	5624	5625	7952	8	CAS	70.5
SSS	E-10-1	4/25/19	3408 PARK RIDGE DR	4454	4452	8238	8	RPM	235
SSS	E-10-1	4/25/19	3508 PARK RIDGE DR	CO	4454	8253	8	RPM	90.2
SSS	E-10-2	4/25/19	4200 E MORGAN AVE	5646	5626	7944	10	RCP	283.5
SSS	E-10-1	4/25/19	3408 PARK RIDGE DR	CO	4452	8239	8	RPM	70.7
SSS	E-10-1	4/25/19	3408 PARK RIDGE DR	4452	4451	8251	8	RPM	176.8
SSS	E-10-1	4/25/19	3804 PINE NEEDLE PT	4451	4450	8250	8	RPM	223.7
SSS	E-10-1	4/25/19	3325 N STOCKWELL RD	4450	4443	8248	8	RPM	162.2
SSS	E-10-1	4/26/19	3612 E NEGLEY AVE	5751	5750	5350	8	RPM	326.6
SSS	E-10-1	4/26/19	3712 E NEGLEY AVE	5750	5746	5349	8	RPM	155
SSS	E-10-1	4/26/19	2441 TARRY LN	5746	5710	24072	10	RCP	297.4
SSS	E-10-2	4/26/19	3807 MAXWELL CT	5682	5683	5095	8	RPM	141.7
SSS	E-10-2	4/26/19	1711 N COLONY RD	5636	5637	22354	8	RCP	427.5
SSS	E-10-2	4/26/19	1833 N COLONY RD	5637	5722	22355	8	RCP	411.6
SSS	E-10-2	4/27/19	1800 GINGER LN	5679	5678	11318	8	RPM	34.3
SSS	E-10-2	4/27/19	1801 THEATER DR	5680	5679	5101	8	RPM	64.1
SSS	E-10-2	4/27/19	1808 GINGER LN	5681	5680	5100	8	RPM	36.5
SSS	E-10-2	4/27/19	1808 GINGER LN	CO	5680	5102	8	RPM	115.5
SSS	E-10-2	4/27/19	1801 THEATER DR	5677	5678	24093	10	RCP	290.4
SSS	E-10-2	4/27/19	1800 GINGER LN	5678	282091	24095	10	RCP	267.1
SSS	E-10-1	4/29/19	3618 RICHARDT AVE	5696	5697	24062	8	VCP	188.4
SSS	E-10-1	4/29/19	3701 RICHARDT AVE	5700	5697	24066	10	VCP	354.4
SSS	E-10-1	4/29/19	2441 TARRY LN	5710	5706	30074	10	RCP	7

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-1	4/29/19	3304 PARK RIDGE DR	CO	4461	8246	8	RPM	153.5
SSS	W-12-5	4/30/19	7137 STELLAR DR	282752	282753	29340	8	PVC	128.6
SSS	W-12-5	4/30/19	7137 STELLAR DR	282751	282752	29339	8	PVC	220.1
SSS	W-12-5	4/30/19	839 TAWNY DR	282750	282751	29342	8	PVC	402
SSS	E-10-2	4/30/19	1913 MEADOW RD	5728	5727	22352	10	RCP	62.9
SSS	E-10-2	4/30/19	1940 SHEPHERD DR	5729	5728	22361	10	RCP	341.9
SSS	E-10-2	4/30/19	1913 MEADOW RD	5727	5724	22359	10	RCP	60
SSS	E-10-2	4/30/19	1919 MEADOW RD	5724	5723	22360	10	RCP	220.5
SSS	E-10-2	4/30/19	4107 THEATER DR	5725	5724	22350	8	RCP	52.7
SSS	E-10-2	4/30/19	4115 THEATER DR	AEP	5725	22351	8	RCP	86.9
SSS	W-9-2	5/1/19	1931 W BUENA VISTA RD	131884	131879	21979	10	VCP	183
SSS	W-9-2	5/1/19	2110 W BUENA VISTA RD	131879	281963	21980	12	VCP	279.5
SSS	W-8-2	5/1/19	1001 ALLENS LN	AEP	9038	22989	8	VCP	391.8
SSS	E-10-2	5/1/19	3811 CINNAMON TRL	1373	5681	5099	8	RPM	58.2
SSS	E-10-1	5/1/19	3304 PARK RIDGE DR	4461	4460	8247	8	RPM	408.3
SSS	E-10-2	5/1/19	3815 MAXWELL CT	5683	5633	5105	8	RPM	215.6
SSS	E-10-2	5/1/19	1845 GINGER LN	5633	5635	5108	8	RPM	87.4
SSS	E-10-1	5/1/19	3208 PARK RIDGE DR	4460	4440	8245	8	RPM	193
SSS	E-10-2	5/1/19	1835 GINGER LN	5635	5634	11322	8	RPM	7.2
SSS	E-10-1	5/1/19	3200 PARK RIDGE DR	4437	4440	5348	8	RPM	280.9
SSS	E-10-1	5/1/19	3200 PARK RIDGE DR	4440	4439	8281	8	RPM	374.4
SSS	E-10-1	5/1/19	3906 DEER TRL	4439	4438	8284	8	RPM	163
SSS	E-10-1	5/1/19	3804 PINE NEEDLE PT	4453	4451	8237	8	RPM	225.7
SSS	E-10-1	5/1/19	3800 NEEDLE PTE	4459	4458	8244	8	RPM	309.8
SSS	W-9-4	5/2/19	1323 MESKER PARK DR	8150	8149	6459	8	VCP	359.1
SSS	E-10-2	5/3/19	1718 SHEPHERD DR	5639	5638	22357	8	RCP	333.1
SSS	E-10-1	5/3/19	3900 TIMBER CV	4362	4437	7131	8	RPM	329.6
SSS	E-10-1	5/3/19	3324 N STOCKWELL RD	CO	4450	8249	8	RPM	72.6
SSS	E-10-1	5/3/19	3906 DEER TRL	CO	4439	8252	8	RPM	140.5
SSS	E-10-3	5/3/19	4216 HUNTERS TRACE	5445	5444	7006	8	RPM	207.9
SSS	E-10-3	5/3/19	4204 HUNTERS TRACE	5444	5443	7007	8	RPM	193.3
SSS	E-10-1	5/6/19	3329 N STOCKWELL RD	280118	4443	24858	10	RPM	96.2
SSS	E-10-1	5/6/19	3325 N STOCKWELL RD	4443	4442	8225	10	RPM	221.1
SSS	E-10-1	5/6/19	3309 N STOCKWELL RD	4442	4441	8224	10	RPM	329.5
SSS	E-10-1	5/6/19	3221 N STOCKWELL RD	4441	4438	8223	10	RPM	373.1
SSS	E-10-1	5/6/19	3221 N STOCKWELL RD	4455	4441	8240	8	RPM	164.9

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-1	5/6/19	3910 NEEDLE LEAF PT	4456	4455	8241	8	RPM	200.8
SSS	E-10-3	5/6/19	3010 HUNTERS CT	5443	5442	7008	8	RCP	155.3
SSS	E-10-1	5/6/19	3701 RICHARDT AVE	5701	5700	11240	8	VCP	367.9
SSS	E-10-3	5/6/19	4212 DEER TRL	5784	5783	7379	8	RCP	328
SSS	E-10-1	5/6/19	3724 HERNDON DR	5703	5701	7958	8	VCP	389.1
SSS	W-9-3	5/7/19	2401 WESTCHESTER DR	4837	4836	24309	8	PVC	345.5
SSS	W-9-3	5/7/19	2425 GLENVIEW DR	4620	4631	24423	10	CP	298.2
SSS	W-9-3	5/7/19	2609 WESTCHESTER DR	4838	4837	24628	8	VCP	459
SSS	E-10-1	5/7/19	3809 NEEDLE PTE	CO	4456	8222	8	RPM	78
SSS	E-10-3	5/7/19	3001 CROSSBOW LN	5773	5774	7378	8	RPM	297.6
SSS	E-10-1	5/7/19	3219 PARK RIDGE DR	4457	4456	8242	8	RPM	269.6
SSS	E-10-1	5/7/19	3013 N STOCKWELL RD	4422	4423	5347	8	RPM	104.2
SSS	E-10-1	5/7/19	3101 N STOCKWELL RD	4423	4438	7144	8	RPM	375.5
SSS	E-10-1	5/7/19	3013 N STOCKWELL RD	4433	4422	7143	8	RPM	400.3
SSS	E-10-1	5/7/19	2915 TIMBER PARK DR	4430	4433	7138	8	RPM	220.7
SSS	W-9-3	5/8/19	2505 LOCUST CREEK DR	14386	14383	11890	8	PVC	300.2
SSS	W-9-3	5/8/19	2510 WESTCHESTER DR	4835	4832	24311	8	VCP	363.4
SSS	W-9-3	5/8/19	2618 WESTCHESTER DR	4834	4835	24312	8	VCP	283.8
SSS	W-9-3	5/8/19	2710 WESTCHESTER DR	4833	4834	24313	8	VCP	311.9
SSS	W-9-3	5/8/19	W MILL RD AND N SAINT JOSEPH AVE	4830	4831	24314	12	RCP	42.6
SSS	W-9-3	5/8/19	2401 N SAINT JOSEPH AVE	4832	4830	24315	12	RCP	202.8
SSS	E-10-1	5/8/19	2817 TIMBER PARK DR	4424	4430	7132	8	RPM	347.2
SSS	E-10-1	5/8/19	2713 TIMBER PARK DR	4432	4431	7140	8	RPM	297.3
SSS	E-10-2	5/8/19	3820 MAXWELL CT	99093	5634	15383	15	VCP	357.6
SSS	E-10-1	5/8/19	3813 TIMBER VIEW DR	CO	4431	7139	8	RPM	82.1
SSS	E-10-1	5/8/19	3813 TIMBER VIEW DR	4431	4429	7141	8	RPM	412.4
SSS	E-10-1	5/8/19	3915 TIMBER VIEW DR	4429	4428	7137	8	RPM	105.8
SSS	E-10-1	5/8/19	2802 N STOCKWELL RD	4427	4426	7135	8	RPM	181.1
SSS	E-10-2	5/8/19	1712 N COLONY RD	5655	281448	15009	15	RCP	217.5
SSS	E-10-2	5/8/19	1808 N COLONY RD	5634	282091	15381	15	RCP	272.3
SSS	E-10-2	5/8/19	1724 N COLONY RD	282091	5655	15681	15	RCP	93
SSS	E-10-1	5/8/19	2802 N STOCKWELL RD	4428	4426	7136	8	RPM	339
SSS	E-10-1	5/8/19	2802 N STOCKWELL RD	4426	4425	7134	8	RPM	274.6
SSS	E-10-1	5/8/19	2814 N STOCKWELL RD	4425	4434	7133	8	RPM	228.6
SSS	E-10-1	5/8/19	2906 N STOCKWELL RD	CO	4434	7142	8	RPM	153
SSS	W-9-2	5/9/19	2127 SHERIDAN RD	4810	4811	21987	8	VCP	313.4

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-9-3	5/9/19	2111 W BUENA VISTA RD	4808	4807	21988	8	VCP	378.4
SSS	W-9-3	5/9/19	2225 W BUENA VISTA RD	132351	4808	22551	8	VCP	403.6
SSS	E-10-1	5/9/19	3201 N STOCKWELL RD	4438	4421	8286	10	RPM	115.8
SSS	E-10-1	5/9/19	2906 N STOCKWELL RD	4434	4436	7148	8	RPM	158
SSS	E-10-1	5/9/19	3813 JOAN AVE	5715	5716	24081	8	VCP	346.8
SSS	E-10-1	5/9/19	2441 TARRY LN	5716	5710	24079	8	VCP	309.4
SSS	W-9-2	5/10/19	2100 SHERIDAN RD	4798	4812	21985	8	VCP	320.8
SSS	W-9-2	5/10/19	2100 SHERIDAN RD	4797	4798	21989	8	VCP	401.7
SSS	W-9-3	5/11/19	2400 N SAINT JOSEPH AVE	4836	4832	24317	12	VCP	285.3
SSS	W-9-3	5/11/19	2400 N SAINT JOSEPH AVE	4839	4836	24318	12	RCP	173.4
SSS	W-9-3	5/11/19	5402 N SAINT JOSPEH AVE	4840	4839	24319	12	RCP	431.8
SSS	W-9-2	5/13/19	2116 W BUENA VISTA RD	4811	4812	21986	8	VCP	401.3
SSS	W-9-3	5/13/19	2111 W BUENA VISTA RD	4807	131884	22544	8	VCP	124.2
SSS	W-9-2	5/13/19	2111 W BUENA VISTA RD	4812	131884	22545	8	VCP	195
SSS	W-9-3	5/13/19	2501 GLENVIEW DR	4619	4620	24424	8	VCP	305.7
SSS	W-9-3	5/13/19	2407 GLENVIEW DR	4631	4621	24430	10	VCP	316
SSS	E-10-1	5/13/19	3618 RICHARDT AVE	5695	5696	24061	8	VCP	242.8
SSS	E-10-1	5/13/19	3900 HERNDON DR	CO	5703	24056	8	VCP	111
SSS	E-10-3	5/13/19	4004 HUNTERS TRACE	5771	73816	5351	8	RPM	49.7
SSS	E-10-3	5/13/19	4000 HUNTERS TRACE	4435	73816	9075	8	PVC	18.1
SSS	E-10-3	5/13/19	4000 HUNTERS TRACE	4436	4435	9074	8	PVC	39.4
SSS	E-10-1	5/13/19	3900 HERNDON DR	5702	5703	7959	8	VCP	118.6
SSS	E-10-1	5/13/19	2016 THEATER DR	5685	5686	24077	8	VCP	237.1
SSS	E-10-1	5/13/19	3820 KECK AVE	CO	5686	24055	8	VCP	123.8
SSS	E-10-1	5/13/19	440 TARRY LN	283549	AWW	30076	8	DIP	34.9
SSS	E-10-1	5/13/19	2440 TARRY LN	283549	AWW	30077	8	DIP	35.5
SSS	W-9-1	5/14/19	1604 ALLENS LN	120787	120786	11504	8	RPM	172.8
SSS	W-9-1	5/14/19	1620 ALLENS LN	120786	120785	11505	8	RPM	48.8
SSS	W-9-1	5/14/19	3076 ALLENS LN	120784	38545	11506	8	VCP	76
SSS	W-9-1	5/14/19	1695 ALLENS LN	120785	120784	12673	8	RPM	56
SSS	E-10-3	5/14/19	4004 HUNTERS TRACE	5770	5771	7205	8	RPM	114
SSS	E-10-1	5/14/19	3613 JOAN AVE	50283	283548	11235	8	VCP	215.3
SSS	E-10-3	5/14/19	4001 HUNTERS TRACE	73816	73817	15408	12	RPM	250.3
SSS	E-10-3	5/14/19	3020 CROSSBOW LN	5776	73816	15106	12	RPM	371.8
SSS	E-10-1	5/14/19	3813 HERNDON DR	5686	5687	24076	8	VCP	326.9
SSS	E-10-3	5/14/19	3105 CROSS BOW LN	5775	5793	8221	8	VCP	231.8

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	E-10-3	5/14/19	3105 CROSS BOW LN	5774	5775	7387	8	VCP	296.3
SSS	E-10-1	5/14/19	3713 HERNDON DR	5687	5688	24075	8	VCP	301.8
SSS	W-9-1	5/15/19	1931 DANE RD	282149	4767	28716	8	RPM	250.1
SSS	W-9-1	5/15/19	1931 DANE RD	282148	282149	28717	8	PVC	23.4
SSS	E-10-2	5/15/19	1908 SHEPHERD DR	5638	5729	22358	8	RCP	341.8
SSS	E-10-1	5/15/19	3700 RICHARDT AVE	5699	5700	24060	10	RCP	342.6
SSS	E-10-1	5/15/19	3700 RICHARDT AVE	5706	5699	24078	10	RCP	233.4
SSS	E-10-1	5/15/19	2401 TARRY LN	283545	5706	24080	10	RCP	304.3
SSS	E-10-3	5/15/19	4105 HUNTERS TRACE	15129	15128	7202	8	RPM	70
SSS	E-10-3	5/16/19	3200 SARATOGA DR	282454	5792	8210	8	VCP	76.2
SSS	E-10-3	5/16/19	4205 QUAIL HOLW	5446	5444	7010	8	RPM	74.5
SSS	E-10-2	5/16/19	3807 MAXWELL CT	AEP	5683	5104	8	RPM	77
SSS	E-10-1	5/16/19	2112 N LOMBARD AVE	5697	5694	5103	10	RCP	393.4
SSS	E-10-1	5/16/19	3609 HERNDON DR	5688	5691	24054	8	VCP	371.4
SSS	E-10-1	5/17/19	2608 N STOCKWELL RD	5752	5748	7204	8	VCP	413.7
SSS	E-10-2	5/17/19	4000 E EICHEL AVE	5619	5620	22153	8	RPM	159.1
SSS	E-10-2	5/18/19	1900 THEATER DR	5684	5677	24089	10	RCP	341
SSS	E-10-2	5/18/19	1912 THEATER DR	4360	5684	24088	10	RPM	336.9
SSS	E-10-2	5/18/19	1718 THEATER DR	5676	5677	24091	8	VCP	237.8
SSS	E-10-2	5/18/19	1700 THEATER DR	5671	5676	24090	8	VCP	235.2
SSS	E-10-2	5/18/19	3700 E MORGAN AVE	AEP	5671	24092	10	VCP	3.3
SSS	E-10-1	5/18/19	2600 N STOCKWELL	5748	5747	24071	8	VCP	334.7
SSS	W-9-1	5/24/19	2214 SAINT JOSEPH INDUSTRIAL PARK Dr	132506	132507	12499	10	RCP	403.5
SSS	W-9-1	5/24/19	4301 N SAINT JOSEPH INDUSTRIAL PARK	132507	4819	12500	10	RCP	396.8
SSS	E-10-1	5/28/19	3304 N STOCKWELL RD	4458	4455	8243	8	PVC	273.3
SSS	E-10-1	5/28/19	3524 JOAN AVE	5744	73822	24073	8	VCP	198.9
SSS	E-10-1	5/28/19	3700 JOAN AVE	73822	5746	24069	8	VCP	310.1
SSS	W-9-4	5/31/19	1320 N JOSEPH AVE	8139	8137	23088	15	CP	328.9
SSS	W-12-3	5/31/19	5201 PEARL DR	14697	14737	13994	8	RPM	286.8
SSS	W-12-3	5/31/19	5225 PEARL DR	14737	14696	13993	8	RPM	78.5
SSS	W-12-3	5/31/19	5300 PERAL DR	14696	14695	13991	8	RPM	236.5
SSS	W-12-3	5/31/19	5435 PEARL DR	14693	14692	13988	8	PVC	393
SSS	W-12-3	5/31/19	5525 PEARL DR	14691	14692	13987	8	RPM	253.5
SSS	W-12-4	6/1/19	5603 MEADOWLARK DR	14884	14883	14056	8	RPM	205.3
SSS	W-12-4	6/1/19	5603 MEADOWLARK DR	14882	14883	14057	8	RPM	163.7
SSS	W-12-4	6/1/19	5603 MEADOWLARK DR	14883	14881	14055	8	RPM	142.9

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-4	6/1/19	1520 RAINBOW DR	14881	14876	14054	8	RPM	238.5
SSS	E-10-1	6/1/19	3824 RICHARDT AVE	5704	5705	24059	8	VCP	326.6
SSS	W-12-4	6/1/19	1110 CHAR LEE DR	14866	14865	14063	8	RPM	227.2
SSS	W-12-4	6/1/19	1310 CHAR LEE DR	14864	14862	14061	8	RPM	408.6
SSS	W-9-4	6/3/19	2450 ALBERT ST	8138	8139	23078	10	VCP	95
SSS	W-9-4	6/3/19	1400 RUSSELL AVE	8140	8139	6460	10	VCP	203
SSS	W-12-3	6/3/19	5343 PEARL DR	14695	14694	13990	8	RPM	60.5
SSS	W-12-3	6/3/19	5343 PEARL DR	14694	284329	13989	8	RPM	160.3
SSS	W-12-3	6/3/19	5343 PEARL DR	284329	14693	31035	8	RPM	213.3
SSS	W-12-3	6/3/19	5600 PEARL DR	14698	14699	14041	8	RPM	323
SSS	W-12-3	6/3/19	5600 PEARL DR	14699	14700	14044	8	RPM	237.2
SSS	W-12-3	6/3/19	5525 PEARL DR	14692	14698	13972	8	RPM	273.1
SSS	W-12-3	6/3/19	5727 PEARL DR	14687	14688	13971	8	RPM	267.7
SSS	W-12-3	6/3/19	5727 PEARL DR	14688	14691	13986	8	RPM	353
SSS	W-12-3	6/4/19	5343 PEARL DR	14736	14695	13992	8	RPM	62.9
SSS	W-12-3	6/4/19	5125 PEARL DR	CO	14697	14002	8	RPM	84
SSS	W-12-3	6/4/19	615 JOBES LN	14710	14713	14037	8	PVC	258.4
SSS	W-12-3	6/4/19	5737 PEARL DR	14689	14688	13984	8	RPM	287.9
SSS	W-12-3	6/4/19	5737 PEARL DR	CO	14689	13985	8	RPM	81.2
SSS	W-12-3	6/4/19	612 JOBES LN	14711	14710	14038	8	RPM	167.3
SSS	W-12-3	6/4/19	612 JOBES LN	14712	14711	14039	8	RPM	71.9
SSS	W-12-3	6/4/19	615 JOBES LN	14708	14710	14040	8	RPM	164.1
SSS	W-12-3	6/4/19	5828 PEARL DR	14683	14684	14008	8	RPM	366.4
SSS	W-12-3	6/4/19	615 JOBES LN	14707	14708	14029	8	PVC	155.1
SSS	W-12-3	6/4/19	5828 PEARL DR	CO	14684	14009	8	RPM	71.5
SSS	W-12-3	6/4/19	5828 PEARL DR	14684	14685	14006	8	RPM	130.5
SSS	W-12-3	6/5/19	401 S BOEHNE CAMP RD	14685	14686	14010	8	PVC	127.6
SSS	W-12-3	6/5/19	5727 PEARL DR	14686	14687	14011	8	PVC	192.61
SSS	W-12-3	6/5/19	701 DOUGLAS DR	11308	11313	22904	8	VCP	340
SSS	W-12-4	6/5/19	5545 WHIPPOORWILL DR	CO	14872	14046	8	RPM	111.7
SSS	W-12-4	6/5/19	5545 WHIPPOORWILL DR	14872	14875	14045	8	RPM	201.5
SSS	W-12-4	6/5/19	1636 MEADOW WEST DR	14887	14886	14068	8	RPM	173.9
SSS	W-12-3	6/6/19	4708 MEADOW CREST CT	14368	14369	12275	8	RPM	270.1
SSS	W-12-3	6/6/19	4710 COTTONWOOD CT	14661	14368	13487	8	RPM	265.5
SSS	W-12-3	6/6/19	4708 MEADOW CREST CT	14373	14369	12272	8	RPM	172.4
SSS	W-12-3	6/6/19	4708 MEADOW CREST CT	14372	14369	12271	8	RPM	213.6

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-9-3	6/7/19	5601 N SAINT JOSEPH AVE	4843	4842	15452	12	RCP	210.1
SSS	W-9-3	6/7/19	5600 N SAINT JOSEPH AVE	4844	4843	15487	12	RCP	447
SSS	W-9-3	6/7/19	5700 N SAINT JOSEPH AVE	281966	4844	28520	12	RCP	236
SSS	W-9-3	6/7/19	5810 N SAINT JOSEPH AVE	281936	281966	28551	12	RCP	168.5
SSS	E-10-1	6/7/19	2608 N STOCKWELL RD	CO	5748	31018	8	VCP	188.2
SSS	W-9-2	6/8/19	3012 N SAINT JOSEPH AVE	38505	38543	22552	10	VCP	403
SSS	W-9-3	6/8/19	5402 N SAINT JOSEPH AVE	4842	4840	24316	12	RCP	91.5
SSS	W-9-3	6/8/19	2443 GLENVIEW DR	4628	4620	24425	10	VCP	327.8
SSS	W-9-2	6/8/19	3810 N TWELFTH AVE	281945	281946	28529	8	VCP	237.8
SSS	W-9-2	6/10/19	2208 ALLENS LN	4755	4756	13544	12	VCP	410
SSS	W-9-2	6/10/19	2129 ALLENS LN	4756	4760	13546	12	VCP	222.3
SSS	W-9-2	6/10/19	2024 ALLENS LN	4760	131690	13561	12	VCP	86
SSS	W-9-2	6/10/19	2029 ALLENS LN	131690	131687	13562	12	VCP	213.1
SSS	E-10-2	6/10/19	1918 N COLONY RD	5723	50982	22368	10	RCP	254
SSS	W-12-3	6/10/19	4709 WHITE OAK CT	14375	14376	12273	8	RPM	160.8
SSS	W-12-3	6/10/19	4709 WHITE OAK CT	14374	14376	12274	8	RPM	263
SSS	W-12-4	6/10/19	5509 WHIPPOORWILL RD	14886	14873	14067	8	RPM	120.9
SSS	W-12-3	6/10/19	4709 WHITE OAK CT	14376	14655	12039	8	RPM	171.5
SSS	E-10-1	6/10/19	3805 E NEGLEY AVE	5747	5746	24070	8	VCP	232.5
SSS	W-12-4	6/10/19	5509 WHIPPOORWILL RD	CO	14873	14066	8	RPM	83.7
SSS	W-12-4	6/10/19	5509 WHIPPOORWILL RD	14874	14873	11908	8	RPM	162.8
SSS	W-12-3	6/10/19	4714 WHITE OAK CT	14655	14654	13482	8	RPM	129.9
SSS	W-12-4	6/10/19	1609 MEADOW WEST DR	14885	14874	14154	8	RPM	308.7
SSS	W-12-4	6/10/19	1645 MEADOW WEST DR	14873	14870	14065	8	RPM	147.8
SSS	W-12-3	6/10/19	4714 WHITE OAK CT	14656	14655	12278	8	RPM	248.7
SSS	W-12-3	6/10/19	4714 WHITE OAK CT	AEP	14656	26749	8	RPM	2
SSS	W-9-4	6/11/19	1508 RUSSELL AVE	8146	8147	6455	8	VCP	174.2
SSS	W-9-4	6/11/19	1404 RUSSELL AVE	8147	8140	6456	8	VCP	151.2
SSS	W-9-4	6/11/19	1301 MESKER PARK DR	8151	8140	6461	8	VCP	189.1
SSS	W-12-3	6/11/19	5119 HIDDEN LAKE DR	280947	281987	28570	8	RPM	155
SSS	W-12-3	6/11/19	5119 HIDDEN LAKE DR	281987	14717	24983	8	RPM	112.5
SSS	W-12-3	6/11/19	5119 HIDDEN LAKE DR	14717	11305	14035	8	PVC	149.5
SSS	W-12-3	6/11/19	5119 HIDDEN LAKE DR	14716	280947	24984	8	RPM	77.4
SSS	W-12-3	6/11/19	5001 SHADY CT	AEP	11304	29344	8	VCP	306
SSS	W-12-4	6/11/19	5410 BRIDGEVIEW DR	14863	14862	14153	8	RPM	193.7
SSS	W-12-3	6/11/19	5001 SHADY CT	11304	11305	22911	8	VCP	357.5

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-4	6/11/19	1401 REITER DR	AEP	14377	14151	8	VCP	198.2
SSS	W-12-4	6/11/19	1401 REITER DR	14377	14892	14141	8	VCP	127.3
SSS	W-12-4	6/11/19	6016 SARABETH LN	14922	14921	22008	8	RPM	309.3
SSS	W-12-4	6/12/19	1400 REITER DR	14903	14892	14142	8	VCP	174.5
SSS	W-12-3	6/12/19	4709 MEADOW CREST CT	14371	14368	12277	8	RPM	178.9
SSS	W-12-3	6/12/19	4709 MEADOW CREST CT	14370	14368	12276	8	RPM	215.3
SSS	W-12-3	6/12/19	4708 MEADOW CREST CT	14369	14376	13488	8	RPM	263.1
SSS	W-12-3	6/12/19	4709 COTTONWOOD CT	14660	14661	12270	8	RPM	170.5
SSS	W-12-3	6/12/19	4709 COTTONWOOD CT	14662	14661	12269	8	RPM	213.2
SSS	W-12-4	6/12/19	1314 REITER DR	AEP	14903	14050	8	RPM	245.8
SSS	W-12-4	6/12/19	1400 REITER DR	14892	283218	14155	8	VCP	296
SSS	W-12-3	6/12/19	4801 SHADY CT	14659	14658	12268	8	RPM	189.9
SSS	W-12-3	6/12/19	4810 SHADY CT	14658	14661	13486	8	RPM	166.3
SSS	W-9-4	6/13/19	2522 BEMENT AVE	8283	8282	12380	8	VCP	57
SSS	W-9-4	6/13/19	2526 BEMENT AVE	8291	8283	12381	8	VCP	101.7
SSS	W-12-4	6/13/19	1519 DESHIELDS DR	14908	284331	31040	8	RPM	188.8
SSS	W-12-4	6/13/19	1620 REITER DR	14891	14911	14156	8	VCP	285.5
SSS	W-12-4	6/13/19	1526 REITER DR	AEP	14891	14059	8	VCP	26.6
SSS	W-12-4	6/13/19	5544 BRIDGEVIEW DR	14868	14863	14064	8	RPM	359.9
SSS	W-12-4	6/14/19	1405 DESHIELDS DR	14896	14903	14145	8	RPM	181.1
SSS	W-12-4	6/14/19	1325 DESHIELDS DR	CO	14896	14146	8	RPM	165.1
SSS	W-12-4	6/14/19	1325 DESHIELDS DR	284332	14896	14144	8	RPM	143.5
SSS	W-12-4	6/14/19	1302 DESHIELDS DR	14894	14895	14143	8	RPM	296.8
SSS	W-12-4	6/14/19	1519 DESHIELDS DR	284331	14909	11909	8	RPM	456.4
SSS	E-10-3	6/15/19	2771 AUTUMNWOOD WAY	CO	4374	7384	8	RPM	75.9
SSS	E-10-3	6/15/19	2809 BOXWOOD LN	281864	4414	28431	12	RPM	25.8
SSS	W-12-4	6/17/19	1302 DESHEILDS DR	14895	284332	31041	8	RPM	47.4
SSS	W-12-3	6/17/19	4709 SHADY CT	14657	14658	13489	8	RPM	221.3
SSS	W-12-3	6/17/19	617 JOBES LN	14713	14714	14028	8	RPM	177
SSS	W-12-3	6/17/19	617 JOBES LN	14714	14715	14027	8	RPM	203.2
SSS	W-12-3	6/17/19	716 JOBS LN	14715	14716	14026	8	RPM	127
SSS	W-12-4	6/17/19	1520 HILLSIDE TER	14899	14901	14051	8	RPM	318.3
SSS	W-12-4	6/17/19	1322 HILLSIDE TER	AEP	14898	14147	8	RPM	119.7
SSS	W-12-4	6/17/19	1322 HILLSIDE TER	14898	14899	14148	8	RPM	285.6
SSS	W-12-3	6/17/19	5019 SHADY CT	11305	11306	22912	8	VCP	288.7
SSS	W-12-3	6/18/19	716 JOBES LN	11306	11309	22910	8	VCP	364.2

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-3	6/18/19	810 JOBES LN	11309	11310	22909	8	VCP	131.2
SSS	W-12-4	6/18/19	1000 CHAR LEE DR	14867	14866	14157	8	RPM	250.1
SSS	W-12-4	6/18/19	1200 CHAR LEE DR	14865	14864	14062	8	RPM	330
SSS	W-12-3	6/18/19	935 JOBES LN	14363	14364	14033	8	RPM	253.2
SSS	W-12-4	6/18/19	1600 HILLSIDE TER	14905	14901	14150	8	RPM	27.4
SSS	W-12-3	6/18/19	935 JOBES LN	138539	14364	14034	8	RPM	86.6
SSS	W-12-4	6/18/19	1600 HILLSIDE TER	14901	14910	14152	8	RPM	284.6
SSS	W-9-4	6/19/19	1510 N SAINT JOSEPH AVE	8144	8143	23076	10	VCP	226
SSS	W-12-3	6/19/19	939 JOBES LN	14362	14361	14032	8	RPM	189.3
SSS	W-12-4	6/19/19	5905 SARABETH LN	14920	1468	22013	12	VCP	422.4
SSS	W-12-4	6/19/19	1612 FELSTEAD RD	1468	14919	22012	12	RPM	378.5
SSS	W-12-4	6/19/19	6421 BROADWAY AVE	132906	132907	12779	8	RPM	353.1
SSS	W-12-3	6/19/19	701 DOUGLAS DR	11312	11311	22906	8	VCP	304.5
SSS	W-12-4	6/19/19	6512 BROADWAY AVE	138881	132906	12781	8	RPM	37.9
SSS	W-9-4	6/20/19	1722 CHARLOTTE AVE	8282	8281	12379	8	VCP	137.1
SSS	W-9-4	6/20/19	1722 CHARLOTTE AVE	8280	99124	12383	8	VCP	140.4
SSS	W-9-4	6/20/19	2518 CHARLOTTE AVE	8281	8280	12384	8	VCP	101.2
SSS	W-9-4	6/20/19	1500 N SAINT JOSEPH AVE	8143	8138	23077	10	VCP	259
SSS	W-12-3	6/20/19	935 JOBES LN	14364	14362	14036	8	RPM	178.7
SSS	W-12-3	6/20/19	4705 MIDDLE MT VERNON RD	14654	14653	13484	8	RPM	127.7
SSS	W-12-3	6/20/19	902 DOULAS DR	11311	14653	22902	8	VCP	321.1
SSS	W-12-3	6/20/19	902 DOULAS DR	14361	11311	22903	8	VCP	291.6
SSS	W-12-3	6/20/19	5505 MIDDLE MT VERNON RD	14678	14677	16584	15	RPM	361.9
SSS	W-12-3	6/20/19	5505 MIDDLE MT VERNON RD	14677	14676	16583	15	RPM	275.4
SSS	W-12-3	6/21/19	4801 BROADWAY AVE	14667	14664	15600	15	RCP	314
SSS	W-12-4	6/21/19	4801 BROADWAY AVE	14668	14667	15601	15	RCP	201.4
SSS	W-12-3	6/21/19	4800 MIDDLE MT VERNON RD	14669	14668	15649	15	RPM	409.8
SSS	W-12-3	6/21/19	4800 MIDDLE MT VERNON RD	14670	14669	15650	15	RPM	116
SSS	W-9-2	6/22/19	INTERSECTION OF ALLENS LN AND N ST ,	4753	4752	15488	15	RPM	92
SSS	W-9-2	6/22/19	INTERSECTION OF ALLENS LN AND N ST ,	4752	281968	22540	15	RPM	47.1
SSS	W-9-2	6/22/19	2950 N SAINT JOSEPH AVE	38543	281968	22554	10	VCP	398.3
SSS	W-9-2	6/22/19	2815 N SAINT JOSPEH AVE	4750	38506	22555	8	ZZZ	195
SSS	W-9-1	6/24/19	1931 ALLENS LN	38544	4763	12412	8	VCP	222
SSS	W-9-1	6/24/19	1931 ALLENS LN	4767	4768	12471	8	VCP	84.7
SSS	W-9-1	6/24/19	1931 ALLENS LN	4768	4764	12475	8	VCP	214.5
SSS	W-9-4	6/24/19	1600 N SAINT JOSPEH AVE	8145	8144	23075	10	RCP	143.6

TABLE 7-5

TABLE 7-5

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-9-4	6/24/19	1122 N SAINT JOSEPH AVE	8136	282863	23092	8	PVC	52.8
SSS	W-9-1	6/24/19	2001 ALLENS LN	4764	281972	28555	8	VCP	89.1
SSS	W-9-1	6/24/19	1803 ALLENS LN	281973	38544	28557	8	VCP	405
SSS	W-9-4	6/24/19	1217 BISMARK AVE	282326	282325	28898	8	PVC	216.6
SSS	W-9-4	6/24/19	1116 N SAINT JOSEPH AVE	282323	282863	28901	8	PVC	35.1
SSS	W-12-3	6/24/19	701 DOUGLAS DR	11313	11312	22905	8	VCP	298.5
SSS	W-9-4	6/24/19	1217 BISMARK AVE	282325	282324	28899	8	PVC	178.4
SSS	W-9-4	6/25/19	1608 N SAINT JOSPEH AVE	8148	8145	23087	8	VCP	205.1
SSS	W-9-4	6/25/19	2409 RUBY AVE	8152	8144	6454	10	VCP	155.8
SSS	W-12-3	6/25/19	4800 ORCHID CT	14666	14665	13480	10	RPM	302.3
SSS	W-12-4	6/25/19	1601 RAINBOW DR	CO	14879	14058	8	RPM	97.6
SSS	W-12-3	6/25/19	4800 ORCHID CT	282617	14666	13483	10	RPM	112
SSS	W-12-3	6/25/19	4800 ORCHID CT	14653	282617	29172	10	RPM	108.7
SSS	W-12-4	6/25/19	1601 RAINBOW DR	14879	14878	14053	8	RPM	329
SSS	W-12-4	6/25/19	1631 RAINBOW DR	14878	14877	14052	8	RPM	213.7
SSS	W-12-3	6/25/19	5201 MIDDLE MT VERNON RD	CO	282602	29155	8	RPM	77.7
SSS	W-12-3	6/25/19	5201 MIDDLE MT VERNON RD	282602	282603	29156	8	RPM	185.2
SSS	W-12-3	6/25/19	5201 MIDDLE MT VERNON RD	282603	14677	29157	8	RPM	335.8
SSS	W-12-4	6/26/19	5550 WHIPPOORWILL DR	14880	14875	22011	12	RPM	105
SSS	W-12-4	6/26/19	5610 WHIPPOORWILL DR	14877	14880	22009	12	RPM	349.6
SSS	W-12-4	6/26/19	1649 RAINBOW DR	14919	14877	22010	12	RPM	89.8
SSS	W-9-3	6/27/19	2267 N SAINT JOSPEH AVE	4841	4842	24310	8	VCP	24.4
SSS	W-9-3	6/27/19	5810 N SAINT JOSEPH AVE	281967	281936	28519	12	RCP	80.2
SSS	W-12-3	6/27/19	922 JOBES LN	14663	14361	22914	8	VCP	302.4
SSS	W-12-3	6/27/19	922 JOBES LN	11310	14663	22913	8	VCP	235.1
SSS	W-12-3	6/27/19	922 JOBES LN	124289	11310	22908	8	VCP	288
SSS	W-9-4	6/28/19	1300 N SAINT JOSEPH AVE	8137	8135	23089	15	VCP	279.2
SSS	W-9-4	6/28/19	1200 N SAINT JOSEPH AVE	8135	8134	23090	15	RCP	102
SSS	W-9-4	6/28/19	1100 N SAINT JOSEPH AVE	8134	8136	23091	15	RCP	95
SSS	W-12-3	6/28/19	5245 MIDDLE MT VERNON RD	14676	14675	16585	15	PVC	325.3
SSS	W-12-3	6/28/19	5505 MIDDLE MT VERNON RD	14679	14678	14018	10	RPM	397.6
SSS	W-12-6	6/29/19	605 DREXEL DR	126183	126182	12997	8	RPM	188.4
SSS	W-12-6	6/29/19	608 CRESTMONT DR	126182	126175	12998	8	RPM	111.8

CSS Total Inspected (ft)

0

SSS Total Inspected (ft)

202,664

TABLE 7-5

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**TABLE 7-5**

8" to 15" Diameter CCTV Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

<b>Sewershed</b>	<b>Sub-basin</b>	<b>Date</b>	<b>Address</b>	<b>Upstream Manhole</b>	<b>Downstream Manhole</b>	<b>Sewer Segment</b>	<b>Pipe Diameter (in)</b>	<b>Pipe Material</b>	<b>Length (ft)</b>
Total 8" to 15" Diameter Pipes Inspected (ft) *									202,664

\* Total includes 308.5ft of SSS inspections that were not submitted on previous SAR



TABLE 7-6

8" to 15" Diameter Rapid Assessment Tool Pipe Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Sewershed	Sub-basin	Date	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Pipe Diameter (in)	Pipe Material	Length (ft)
SSS	W-12-5	4/30/19	7119 ARDEN CT	283324	283327	29862	8	PVC	415
SSS	W-12-5	4/30/19	812 HARPY ST	280700	280699	26178	8	PVC	140
SSS	W-12-5	4/30/19	812 HARPY ST	280699	280698	26179	8	PVC	296.1
SSS	W-12-5	4/30/19	812 BALD ST	280698	280697	26180	8	PVC	81
SSS	W-12-5	4/30/19	814 STELLER DR	280697	AWW	26181	8	PVC	8
SSS	W-12-5	4/30/19	8600 UNIVERSITY BLVD	15022	283462	15567	12	RCP	136.8
SSS	W-12-5	4/30/19	8600 UNIVERSITY BLVD	15036	281892	28463	15	RCP	216
SSS	W-12-5	4/30/19	7150 STELLAR DR	282755	282753	29336	8	PVC	307
SSS	W-12-5	4/30/19	7149 STELLAR DR	282753	282754	29337	8	PVC	29
SSS	W-12-5	4/30/19	7149 STELLAR DR	282754	280700	29338	8	PVC	26
SSS	W-12-5	4/30/19	905 TAWNY DR	282749	282750	29341	8	PVC	217
SSS	W-12-5	4/30/19	7120 CLIFTWOOD DR	283323	283324	29859	8	PVC	197
SSS	W-12-5	4/30/19	7030 CLIFTWOOD DR	283325	283324	29860	8	PVC	190
SSS	W-12-5	4/30/19	7020 CLIFTWOOD DR	283326	283325	29861	8	PVC	129
SSS	W-12-5	4/30/19	7149 ARDEN CT	283327	282755	29863	8	PVC	230
SSS	W-12-5	4/30/19	7030 CLIFTWOOD DR	283328	283325	29864	8	PVC	189
SSS	W-12-5	4/30/19	7137 STELLER DR	283329	282752	29865	8	PVC	272
SSS	W-12-5	4/30/19	8600 UNIVERSITY BLVD	283463	126259	30012	12	RCP	127
SSS	W-12-5	4/30/19	8600 UNIVERSITY BLVD	283462	283463	30013	12	RCP	109
SSS	W-12-3	6/12/19	737 LYDIA DR	280953	280950	24985	8	RPM	118.2
SSS	W-12-3	6/12/19	730 LYDIA DR	280950	280951	24986	8	RPM	169.6
SSS	W-12-3	6/12/19	5129 HIDDEN LAKE DR	280952	280947	24987	8	RPM	226.9
SSS	W-12-3	6/12/19	738 LYDIA DR	280951	281889	24988	8	RPM	94.5
SSS	W-12-3	6/12/19	725 LYDIA DR	280949	280950	24989	8	RPM	191.2
SSS	W-12-3	6/12/19	717 LYDIA DR	280948	280949	24990	8	RPM	155.7
SSS	W-12-3	6/12/19	5131 HIDDEN LAKE DR	281889	280952	28458	8	RPM	43.3
SSS	W-12-3	6/12/19	707 LYDIA DR	284040	280948	30639	8	PVC	155.7
SSS	W-12-3	6/12/19	5225 LYDIA TRL	284041	284042	30640	8	PVC	153.6
SSS	W-12-3	6/12/19	5401 LYDIA CT	284042	284043	30641	8	PVC	67.4
SSS	W-12-3	6/12/19	704 LYDIA CT	284043	284044	30642	8	PVC	57.8
SSS	W-12-3	6/12/19	712 LYDIA CT	284044	284045	30643	8	PVC	175
SSS	W-12-3	6/12/19	730 LYDIA DR	284046	280951	30646	8	PVC	40.2

CSS Total Inspected (ft)

0

SSS Total Inspected (ft)

4,964

Total 8" to 15" Diameter Pipes Inspected (ft)

4,964



TABLE 7-7

Manhole Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Manhole Facility ID #	Sub-Basin	Date	Rating
14384	W-9-3	2/19/19	2.00
4832	W-9-3	2/19/19	2.00
4833	W-9-3	2/19/19	2.00
4834	W-9-3	2/19/19	2.00
4835	W-9-3	2/19/19	2.00
4836	W-9-3	2/19/19	2.00
4837	W-9-3	2/19/19	2.00
4838	W-9-3	2/19/19	2.00
14381	W-9-3	2/20/19	1.00
14382	W-9-3	2/20/19	2.00
14383	W-9-3	2/20/19	3.00
14385	W-9-3	2/20/19	2.00
14386	W-9-3	2/20/19	2.00
14387	W-9-3	2/20/19	2.00
4624	W-9-3	2/20/19	1.00
4625	W-9-3	2/20/19	2.00
4619	W-9-3	2/21/19	1.00
4620	W-9-3	2/21/19	1.00
4622	W-9-3	2/21/19	2.00
4623	W-9-3	2/21/19	2.00
4627	W-9-3	2/21/19	1.00
4628	W-9-3	2/21/19	2.00
4629	W-9-3	2/21/19	2.00
4631	W-9-3	2/21/19	2.00
281934	W-9-3	2/22/19	1.00
281935	W-9-3	2/22/19	2.00
281936	W-9-3	2/22/19	2.00
281966	W-9-3	2/22/19	2.00
281967	W-9-3	2/22/19	2.00
4844	W-9-3	2/22/19	3.00
15061	W-9-3	2/26/19	2.00
15062	W-9-3	2/26/19	3.00
15063	W-9-3	2/26/19	2.00
15064	W-9-3	2/26/19	2.00
4842	W-9-3	2/27/19	3.00
4843	W-9-3	2/27/19	3.00
15059	W-9-3	2/28/19	1.00
15060	W-9-3	2/28/19	2.00
4626	W-9-3	2/28/19	2.00
4841	W-9-3	3/4/19	2.00
4805	W-9-3	3/6/19	3.00
4806	W-9-3	3/6/19	2.00
4839	W-9-3	3/6/19	3.00
4840	W-9-3	3/6/19	1.00
132351	W-9-3	3/7/19	1.00
4803	W-9-3	3/7/19	2.00
4807	W-9-3	3/7/19	1.00
4808	W-9-3	3/7/19	1.00
4817	W-9-3	3/7/19	1.00
4818	W-9-3	3/7/19	1.00
125615	W-9-3	3/11/19	2.00
4621	W-9-3	3/11/19	2.00
4802	W-9-3	3/11/19	1.00
4804	W-9-3	3/11/19	3.00
4828	W-9-3	3/11/19	2.00
4800	W-9-3	3/12/19	2.00
4801	W-9-3	3/12/19	3.00
4830	W-9-3	3/12/19	2.00
14380	W-9-3	3/18/19	2.00
4824	W-9-3	3/18/19	2.00

**TABLE 7-7**

Manhole Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Manhole Facility ID #	Sub-Basin	Date	Rating
4825	W-9-3	3/18/19	2.00
4826	W-9-3	3/18/19	1.00
132508	W-9-1	3/19/19	2.00
4821	W-9-1	3/19/19	2.00
4827	W-9-1	3/19/19	2.00
132506	W-9-1	3/20/19	2.00
132507	W-9-1	3/20/19	2.00
281880	W-9-1	3/20/19	2.00
4819	W-9-1	3/20/19	2.00
4820	W-9-1	3/20/19	2.00
132505	W-9-1	3/21/19	2.00
38509	W-9-1	3/21/19	2.00
38510	W-9-1	3/21/19	2.00
38508	W-9-1	3/22/19	2.00
281875	W-9-1	3/26/19	2.00
281876	W-9-1	3/26/19	2.00
4763	W-9-1	3/26/19	2.00
281973	W-9-1	4/3/19	2.00
4762	W-9-1	4/3/19	2.00
281972	W-9-1	4/4/19	2.00
4767	W-9-1	4/8/19	2.00
4768	W-9-1	4/8/19	2.00
281974	W-9-1	4/8/19	2.00
282148	W-9-1	4/8/19	2.00
282149	W-9-1	4/8/19	2.00
282150	W-9-1	4/8/19	2.00
38545	W-9-1	4/8/19	2.00
4766	W-9-1	4/8/19	2.00
120784	W-9-1	4/9/19	2.00
120786	W-9-1	4/9/19	2.00
4765	W-9-1	4/9/19	2.00
282323	W-9-4	4/11/19	1.00
282324	W-9-4	4/11/19	1.00
282325	W-9-4	4/11/19	1.00
282326	W-9-4	4/11/19	1.00
8284	W-9-4	4/11/19	2.00
8288	W-9-4	4/11/19	2.00
99781	W-9-4	4/11/19	3.00
99782	W-9-4	4/11/19	2.00
8149	W-9-4	4/13/19	2.00
8150	W-9-4	4/13/19	1.00
8151	W-9-4	4/13/19	2.00
8290	W-9-4	4/13/19	2.00
8140	W-9-4	4/16/19	2.00
8146	W-9-4	4/16/19	2.00
8147	W-9-4	4/16/19	1.00
8141	W-9-4	4/18/19	1.00
8142	W-9-4	4/18/19	2.00
8152	W-9-4	4/18/19	2.00
8154	W-9-4	4/19/19	2.00
8275	W-9-4	4/19/19	2.00
8276	W-9-4	4/19/19	1.00
8279	W-9-4	4/19/19	2.00
8280	W-9-4	4/19/19	2.00
8285	W-9-4	4/19/19	2.00
8286	W-9-4	4/19/19	2.00
8287	W-9-4	4/19/19	2.00
99124	W-9-4	4/19/19	2.00
282863	W-9-4	4/22/19	2.00
4744	W-9-4	4/22/19	1.00

TABLE 7-7

Manhole Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Manhole Facility ID #	Sub-Basin	Date	Rating
4745	W-9-4	4/22/19	2.00
8138	W-9-4	4/22/19	2.00
8139	W-9-4	4/22/19	2.00
8143	W-9-4	4/22/19	1.00
8144	W-9-4	4/22/19	2.00
8145	W-9-4	4/22/19	2.00
8153	W-9-4	4/22/19	1.00
8281	W-9-4	4/22/19	2.00
8148	W-9-4	4/24/19	1.00
8155	W-9-4	4/24/19	1.00
8277	W-9-4	4/24/19	2.00
8278	W-9-4	4/24/19	2.00
8282	W-9-4	4/24/19	1.00
8283	W-9-4	4/24/19	1.00
284316	W-8-3	4/29/19	2.00
125535	W-9-2	4/29/19	2.00
125536	W-9-2	4/29/19	1.00
125537	W-9-2	4/29/19	1.00
125631	W-9-2	4/29/19	1.00
4748	W-9-2	4/29/19	2.00
4754	W-9-2	4/29/19	2.00
4770	W-9-2	4/29/19	1.00
4773	W-9-2	4/29/19	2.00
4774	W-9-2	4/29/19	2.00
4778	W-9-2	4/29/19	1.00
4781	W-9-2	4/29/19	2.00
4782	W-9-2	4/29/19	1.00
4783	W-9-2	4/29/19	1.00
125632	W-9-2	4/30/19	1.00
132350	W-9-2	4/30/19	1.00
281903	W-9-2	4/30/19	1.00
281904	W-9-2	4/30/19	1.00
281945	W-9-2	4/30/19	1.00
281946	W-9-2	4/30/19	2.00
4618	W-9-2	4/30/19	1.00
4757	W-9-2	4/30/19	2.00
4758	W-9-2	4/30/19	1.00
4771	W-9-2	4/30/19	2.00
4779	W-9-2	4/30/19	2.00
4810	W-9-2	4/30/19	1.00
4816	W-9-2	4/30/19	1.00
131689	W-9-2	5/1/19	1.00
131879	W-9-2	5/1/19	1.00
131880	W-9-2	5/1/19	1.00
131881	W-9-2	5/1/19	1.00
131882	W-9-2	5/1/19	1.00
131883	W-9-2	5/1/19	2.00
131884	W-9-2	5/1/19	2.00
281963	W-9-2	5/1/19	1.00
4798	W-9-2	5/1/19	1.00
4812	W-9-2	5/1/19	1.00
38503	W-9-2	5/7/19	2.00
4785	W-9-2	5/7/19	1.00
4786	W-9-2	5/7/19	1.00
4792	W-9-2	5/7/19	1.00
4793	W-9-2	5/7/19	2.00
4795	W-9-2	5/7/19	1.00
38504	W-9-2	5/8/19	2.00
4789	W-9-2	5/8/19	1.00
38505	W-9-2	5/9/19	1.00

TABLE 7-7

Manhole Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Manhole Facility ID #	Sub-Basin	Date	Rating
38506	W-9-2	5/9/19	1.00
38543	W-9-2	5/9/19	2.00
4753	W-9-2	5/9/19	2.00
4791	W-9-2	5/9/19	2.00
281969	W-9-2	5/10/19	2.00
4630	W-9-3	5/10/19	3.00
4751	W-9-2	5/10/19	2.00
4780	W-9-2	5/10/19	2.00
4787	W-9-2	5/10/19	2.00
4788	W-9-2	5/10/19	2.00
4790	W-9-2	5/10/19	2.00
4796	W-9-2	5/10/19	2.00
4813	W-9-2	5/10/19	2.00
280140	E-10-1	5/14/19	1.00
280145	E-10-1	5/14/19	1.00
280146	E-10-1	5/14/19	1.00
280147	E-10-1	5/14/19	1.00
280118	E-10-1	5/15/19	1.00
280119	E-10-1	5/15/19	1.00
280120	E-10-1	5/15/19	1.00
280121	E-10-1	5/15/19	1.00
280122	E-10-1	5/15/19	1.00
280123	E-10-1	5/15/19	2.00
280139	E-10-1	5/15/19	1.00
280144	E-10-1	5/15/19	1.00
4811	W-9-2	5/16/19	1.00
8134	W-9-4	5/16/19	1.00
8135	W-9-4	5/16/19	1.00
8137	W-9-4	5/16/19	2.00
4175	E-10-1	5/17/19	2.00
4441	E-10-1	5/17/19	1.00
4442	E-10-1	5/17/19	2.00
4443	E-10-1	5/17/19	1.00
4444	E-10-1	5/17/19	2.00
4445	E-10-1	5/17/19	1.00
4362	E-10-1	5/20/19	1.00
4422	E-10-1	5/20/19	1.00
4423	E-10-1	5/20/19	1.00
4437	E-10-1	5/20/19	2.00
4438	E-10-1	5/20/19	1.00
4440	E-10-1	5/20/19	1.00
4447	E-10-1	5/20/19	1.00
4449	E-10-1	5/20/19	2.00
4452	E-10-1	5/20/19	1.00
4454	E-10-1	5/20/19	2.00
4460	E-10-1	5/20/19	2.00
4461	E-10-1	5/20/19	1.00
4426	E-10-1	5/21/19	2.00
4427	E-10-1	5/21/19	2.00
4428	E-10-1	5/21/19	2.00
4425	E-10-1	5/22/19	1.00
4429	E-10-1	5/22/19	2.00
4430	E-10-1	5/22/19	1.00
4431	E-10-1	5/22/19	1.00
4432	E-10-1	5/22/19	1.00
4433	E-10-1	5/22/19	2.00
4434	E-10-1	5/22/19	2.00
4439	E-10-1	5/22/19	2.00
5751	E-10-1	5/22/19	1.00
4446	E-10-1	5/23/19	2.00

**TABLE 7-7**

Manhole Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Manhole Facility ID #	Sub-Basin	Date	Rating
4450	E-10-1	5/23/19	1.00
4456	E-10-1	5/23/19	1.00
4458	E-10-1	5/23/19	2.00
5693	E-10-1	5/24/19	1.00
5695	E-10-1	5/24/19	1.00
5696	E-10-1	5/24/19	2.00
5750	E-10-1	5/24/19	1.00
14313	E-10-2	5/28/19	1.00
14314	E-10-2	5/28/19	2.00
281227	E-10-2	5/28/19	1.00
4181	E-10-2	5/28/19	2.00
4182	E-10-2	5/28/19	1.00
4361	E-10-2	5/28/19	1.00
4424	E-10-1	5/28/19	1.00
4448	E-10-1	5/28/19	2.00
50404	E-10-2	5/28/19	1.00
5682	E-10-2	5/28/19	1.00
5730	E-10-2	5/28/19	1.00
5732	E-10-2	5/28/19	1.00
4184	E-10-2	5/29/19	1.00
5631	E-10-2	5/29/19	1.00
4183	E-10-2	5/30/19	1.00
5624	E-10-2	5/30/19	1.00
5625	E-10-2	5/30/19	1.00
5626	E-10-2	5/30/19	1.00
5639	E-10-2	5/30/19	1.00
5644	E-10-2	5/30/19	1.00
5645	E-10-2	5/30/19	1.00
5646	E-10-2	5/30/19	1.00
5647	E-10-2	5/30/19	2.00
281274	E-10-2	5/31/19	2.00
281275	E-10-2	5/31/19	1.00
281276	E-10-2	5/31/19	1.00
281277	E-10-2	5/31/19	1.00
5724	E-10-2	5/31/19	1.00
5725	E-10-2	5/31/19	2.00
5727	E-10-2	5/31/19	2.00
5731	E-10-2	5/31/19	1.00
281448	E-10-2	6/3/19	2.00
5653	E-10-2	6/3/19	2.00
5678	E-10-2	6/3/19	2.00
5685	E-10-1	6/3/19	2.00
5686	E-10-1	6/3/19	2.00
5700	E-10-1	6/3/19	2.00
5701	E-10-1	6/3/19	2.00
5702	E-10-1	6/3/19	2.00
5703	E-10-1	6/3/19	2.00
4360	E-10-2	6/4/19	2.00
4457	E-10-1	6/4/19	1.00
4459	E-10-1	6/4/19	1.00
50982	E-10-2	6/4/19	2.00
5671	E-10-2	6/4/19	2.00
5676	E-10-2	6/4/19	1.00
5677	E-10-2	6/4/19	2.00
5684	E-10-2	6/4/19	2.00
5698	E-10-1	6/4/19	2.00
5704	E-10-1	6/4/19	1.00
5752	E-10-1	6/4/19	1.00
50283	E-10-1	6/5/19	2.00
5694	E-10-1	6/5/19	2.00

**TABLE 7-7**

Manhole Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Manhole Facility ID #	Sub-Basin	Date	Rating
5706	E-10-1	6/5/19	2.00
5707	E-10-1	6/5/19	2.00
5710	E-10-1	6/5/19	2.00
5744	E-10-1	6/5/19	2.00
284116	W-8-8	6/5/19	1.00
284117	W-8-8	6/5/19	1.00
284118	W-8-8	6/5/19	2.00
284119	W-8-8	6/5/19	1.00
284120	W-8-8	6/5/19	1.00
284121	W-8-8	6/5/19	1.00
284122	W-8-8	6/5/19	1.00
284123	W-8-8	6/5/19	1.00
284124	W-8-8	6/5/19	1.00
4421	E-10-3	6/7/19	2.00
5449	E-10-3	6/7/19	2.00
5735	E-10-2	6/7/19	1.00
5781	E-10-3	6/7/19	2.00
5782	E-10-3	6/7/19	2.00
5783	E-10-3	6/7/19	2.00
5784	E-10-3	6/7/19	2.00
5785	E-10-3	6/7/19	2.00
5790	E-10-3	6/7/19	2.00
5793	E-10-3	6/7/19	2.00
15117	E-10-3	6/11/19	2.00
15120	E-10-3	6/11/19	2.00
15121	E-10-3	6/11/19	2.00
4333	E-10-3	6/11/19	2.00
4370	E-10-3	6/11/19	2.00
4371	E-10-3	6/11/19	2.00
4376	E-10-3	6/11/19	3.00
4380	E-10-3	6/11/19	2.00
5436	E-10-3	6/11/19	2.00
5437	E-10-3	6/11/19	2.00
5438	E-10-3	6/11/19	2.00
281433	E-10-3	6/12/19	2.00
5575	E-10-3	6/12/19	2.00
5576	E-10-3	6/12/19	2.00
5577	E-10-3	6/12/19	2.00
5578	E-10-3	6/12/19	2.00
5579	E-10-3	6/12/19	2.00
5786	E-10-3	6/12/19	2.00
5797	E-10-3	6/12/19	2.00
5798	E-10-3	6/12/19	2.00
5799	E-10-3	6/12/19	1.00
5801	E-10-3	6/12/19	2.00
5802	E-10-3	6/12/19	2.00
15130	E-10-3	6/13/19	2.00
280757	E-10-3	6/13/19	2.00
280758	E-10-3	6/13/19	2.00
280759	E-10-3	6/13/19	2.00
280760	E-10-3	6/13/19	2.00
280761	E-10-3	6/13/19	2.00
280762	E-10-3	6/13/19	2.00
280763	E-10-3	6/13/19	2.00
5439	E-10-3	6/13/19	1.00
5447	E-10-3	6/13/19	2.00
5448	E-10-3	6/13/19	2.00
5787	E-10-3	6/13/19	2.00
5788	E-10-3	6/13/19	2.00
5789	E-10-3	6/13/19	2.00

**TABLE 7-7**

Manhole Inspections

January 1, 2019 through June 30, 2019 Reporting Period

Manhole Facility ID #	Sub-Basin	Date	Rating
281864	E-10-3	6/17/19	2.00
4334	E-10-3	6/17/19	2.00
4367	E-10-3	6/17/19	2.00
4368	E-10-3	6/17/19	2.00
4374	E-10-3	6/17/19	2.00
4377	E-10-3	6/17/19	2.00
4378	E-10-3	6/17/19	3.00
4379	E-10-3	6/17/19	2.00
4413	E-10-3	6/17/19	2.00
4414	E-10-3	6/17/19	2.00
5738	E-10-3	6/17/19	2.00
5760	E-10-3	6/17/19	2.00
5761	E-10-3	6/17/19	2.00
5769	E-10-3	6/17/19	2.00
280612	E-10-3	6/18/19	2.00
280613	E-10-3	6/18/19	1.00
280614	E-10-3	6/18/19	2.00
280615	E-10-3	6/18/19	2.00
280616	E-10-3	6/18/19	2.00
280618	E-10-3	6/18/19	2.00
280619	E-10-3	6/18/19	1.00
280620	E-10-3	6/18/19	2.00
281473	E-10-3	6/18/19	2.00
281474	E-10-3	6/18/19	2.00
281475	E-10-3	6/18/19	2.00
281476	E-10-3	6/18/19	2.00
5758	E-10-3	6/18/19	2.00
5759	E-10-3	6/18/19	2.00
76251	E-10-3	6/18/19	1.00
280706	E-10-3	6/19/19	1.00
280707	E-10-3	6/19/19	1.00
280708	E-10-3	6/19/19	2.00
280709	E-10-3	6/19/19	2.00
280713	E-10-3	6/19/19	1.00
280714	E-10-3	6/19/19	2.00
280715	E-10-3	6/19/19	2.00
281471	E-10-3	6/19/19	2.00
281472	E-10-3	6/20/19	2.00
4435	E-10-3	6/20/19	2.00
4436	E-10-3	6/20/19	2.00
5440	E-10-3	6/20/19	2.00
5771	E-10-3	6/20/19	2.00
73816	E-10-3	6/20/19	2.00
15118	E-10-3	6/21/19	2.00
15119	E-10-3	6/21/19	1.00
4373	E-10-3	6/21/19	2.00
5441	E-10-3	6/21/19	1.00
5445	E-10-3	6/21/19	1.00
5737	E-10-3	6/21/19	2.00
5755	E-10-3	6/21/19	2.00
5756	E-10-3	6/21/19	2.00
4451	E-10-1	6/26/19	2.00
4455	E-10-1	6/26/19	2.00
5642	E-10-2	6/26/19	2.00
5651	E-10-2	6/26/19	1.00
284310	E-10-2	6/26/19	1.00
5444	E-10-3	6/27/19	2.00
5729	E-10-2	6/27/19	2.00
5791	E-10-3	6/27/19	2.00
5795	E-10-3	6/27/19	1.00

**TABLE 7-7**

Manhole Inspections

January 1, 2019 through June 30, 2019 Reporting Period

<b>Manhole Facility ID #</b>	<b>Sub-Basin</b>	<b>Date</b>	<b>Rating</b>
168294	E-10-3	6/28/19	2.00
5650	E-10-2	6/28/19	2.00
5736	E-10-3	6/28/19	2.00
80865	E-10-3	6/28/19	1.00
Total Manholes Inspected			424

TABLE 11-1  
 SSRMP Capacity Related SSO Release Locations  
 January 1, 2019 through June 30, 2019 Reporting Period

System	Sewershed	Start Date	End Date	SSO Group	Address	Upstream Manhole	Downstream Manhole	Sewer Segment	Duration Hrs.	Volume Gallons	Precipitation (in)
E	SSS	6/22/2019 8:00 AM	6/22/2019 7:45 PM	Lincoln Avenue	6601 E Oak Street	5840	5841	22948	11.75	9,750	1.41
E	SSS	5/3/2019 7:30 AM	5/3/2019 10:45 PM	Lincoln Avenue	6601 E Oak Street	5840	5841	22948	15.25	29,625	1.77
E	SSS	4/20/2019 12:30 AM	4/20/2019 7:00 PM	Lincoln Avenue	6601 E Oak Street	5840	5841	22948	14.5	27,750	1.26
E	SSS	3/30/2019 3:30 PM	3/30/2019 11:00 PM	Lincoln Avenue	6601 E Oak Street	5840	5841	22948	7.5	11,250	1.99
E	SSS	3/14/2019 7:30 AM	3/15/2019 4:30 AM	Lincoln Avenue	6601 E Oak Street	5840	5841	22948	21.00	63,000	2.83
E	SSS	2/20/2019 2:15 AM	2/20/2019 1:00 PM	Lincoln Avenue	6601 E Oak Street	5840	5841	22948	10.75	64,500	2.30
E	SSS	2/11/2019 9:00 AM	2/12/2019 7:30 AM	Lincoln Avenue	6601 E Oak Street	5840	5841	22948	22.5	67,500	2.35
E	SSS	2/7/2019 12:45 PM	2/7/2018 6:45 PM	Lincoln Avenue	6601 E Oak Street	5840	5841	22948	6	108,000	2.66
W	SSS	6/22/2019 7:15 AM	6/22/2019 8:30 AM	Mill Road	711 W Mill Road	280751	3786	27329	1.25	3,750	1.41
W	SSS	6/16/2019 9:30 PM	6/17/2019 1:00 AM	Mill Road	711 W Mill Road	280751	3786	27329	3.5	10,500	3.78
W	SSS	3/30/2019 3:15 PM	3/30/2019 6:15 PM	Mill Road	711 W Mill Road	280751	3786	27329	3	9,000	1.99
W	SSS	3/14/2019 4:00 AM	3/14/2019 5:00 PM	Mill Road	711 W Mill Road	280751	3786	27329	13	39,000	2.83
W	SSS	2/20/2019 12:15 AM	2/20/2019 9:45 AM	Mill Road	711 W Mill Road	280751	3786	27329	9.5	28,500	2.30
W	SSS	2/11/2019 8:30 AM	2/11/2019 5:00 PM	Mill Road	711 W Mill Road	280751	3786	27329	8.5	1,530	2.35
W	SSS	2/7/2019 12:30 PM	2/7/2018 6:00 PM	Mill Road	711 W Mill Road	280751	3786	27329	5.5	33,000	2.66
W	CSS	3/14/2019 3:15 AM	3/14/2019 1:30 PM	Tekoppel / West WWTP	900 S Tekoppel Avenue	11298	8420	23658	12.25	24,000	2.83
W	CSS	2/7/2019 11:45 AM	2/7/2018 4:00 PM	Tekoppel / West WWTP	900 S Tekoppel Avenue	11298	8420	23658	4.25	26,000	2.66



TABLE 12-1

Decree Deliverables Listing

January 1, 2019 through June 30, 2019 Reporting Period

	Deliverable	Date Due	Submitted to Agencies	Agency Review Status	Date Comments Received	Date Comment Response Submitted
	2009 Combined Sewer Overflow Operation Plan Update	1-Nov-2009	1-Nov-2009	No comments received	-	-
	2010 Combined Sewer Overflow Operation Plan Update	1-Nov-2010	1-Nov-2010	No comments received	-	-
1	Submit SSES Work Plan	30-Nov-2010	30-Nov-2010	No comments received	-	-
2	Submit SORP 1.0	1-Dec-2010	1-Dec-2010	Provided comments	3-Mar-2011	1-Apr-2011
3	Submit Public and Regulatory Participation Plan	31-Dec-2010	31-Dec-2010	No comments received	-	-
4	Submit 7th Ave Pump Station Wet Weather Operating Plan (Consent Decree paragraph 20.a)	31-Jan-2011	31-Jan-2011	Provided comments	15-Apr-2011	16-May-2011
5	Submit Capacity Assessment Work Plan including approach for determining Critical Storm Duration	30-Apr-2011	30-Apr-2011	Provided comments	29-Jul-2011	29-Aug-2011
6	Install baffles in the secondary treatment system clarifiers at the West WWTP (Consent Decree paragraph 20.b)	30-Apr-2011	30-Apr-2011	No comments received	-	-
7	Submit CMOM 2.0	1-May-2011	1-May-2011	Provided comments	28-Jul-2011	29-Aug-2011
8	Submit SORP 2.0	1-May-2011	1-May-2011	Provided comments	29-Jul-2011	29-Aug-2011
9	Utilize Data System for Tracking Operating and Maintenance Activities	31-Jul-2011	31-Jul-2011	No comments received	-	-
10	Complete Water Quality Data Review and submit SRCER Update, including the Water Quality Model of Pigeon Creek and the Ohio River.(GC)	31-Aug-2011	31-Aug-2011	No comments received	-	-
	Submit Semi-Annual Report (SAR) 2011-1	1-Sep-2011	1-Sep-2011	No comments received	-	-
	2011 Combined Sewer Overflow Operation Plan Update	1-Nov-2011	1-Nov-2011	No comments received	-	-
11	Submit report on capacity of clarifiers	1-Nov-2011	1-Nov-2011	No comments received	-	-
12	Submit report evaluating the effectiveness of step feed and/or contact stabilization in the secondary aeration basins to maximize wet weather flow through the secondary treatment at East WWTP and West WWTP.(Consent Decree paragraph 19.a and 20.c)	1-Nov-2011	1-Nov-2011	No comments received	-	-
13	Submit stress test protocols that will identify the proposed revision to the Maximum Treatable Flow of the East WWTP and West WWTP. (Consent Decree paragraph 19.d and 20.d)	1-Nov-2011	1-Nov-2011	Provided comments	15-Mar-2012	22-Mar-2012
14	Complete Trunk Sewer Survey and Condition Assessment.	30-Nov-2011	30-Nov-2011	Letter acknowledged completion	24-Jan-2012	NA
15	Submit Update to West CSS and East CSS characterization and hydraulic model including development of SSS Hydraulic model.	30-Nov-2011	30-Nov-2011	No comments received	-	-
16	Submit Critical Storm Duration Analysis	31-Dec-2011	30-Dec-2011	No comments received	-	-
17	Submit Revised Financial Analysis	31-Jan-2012	7-Feb-2012	Provided comments	23-Mar-2012	9-Apr-2012
18	Submit CSO Alternative Analysis Screening Report.	31-Jan-2012	31-Jan-2012	No comments received	-	-
	Submit CMOM 2.1	29-Feb-2012	29-Feb-2012	No comments received	-	-
19	Install East WWTP Early Action Upgrades including a second bar screen and fourth influent pump. (Consent Decree paragraph 19.b and c)	1-Mar-2012	29-Feb-2012	No comments received	-	-
	Submit SAR 2011-2	1-Mar-2012	1-Mar-2012	No comments received	-	-
20	Submit SSA Report including SSES Report, and Capacity Assessment	31-Mar-2012	30-Mar-2012	Provided comments	24-May-2012	11-Jul-2012
21	Conduct a stress test of East and West WWTP and identify revised Maximum Treatable Flow. (Consent Decree paragraph 19.d and 20.d)	31-Jul-2012	31-Jul-2012	No comments received	-	-
22	Implement revised Maximum Treatable Flow operations at the East and West WWTP. (Consent Decree paragraph 19.e, 20.e)	31-Jul-2012	31-Jul-2012	No comments received	-	-
23	Submit the Draft IOCP to Plaintiffs and to Public, including but not limited to CSO/SSS Capacity Alternatives Analysis; the Alternatives Analysis for the LTCP; the Alternatives Analysis for the SSRMP; the Facility Plans for Expansions of the East and West WWTPs; and proposed Implementation Schedules for the SSRMP, LTCP	31-Jul-2012				
23	Volume 1 - Integrated Overflow Control Plan	31-Jul-2012	31-Jul-2012	No comments received	-	-
23	Volume 2 - Long Term Control Plan	31-Jul-2012	31-Jul-2012	Provided comments	13-Sep-2012	19-Oct-2012
23	Volume 3 - Separate Sanitary Sewer Remedial Measures Plan	31-Jul-2012	31-Jul-2012	Provided comments	26-Oct-2012	4-Jan-2013
23	Volume 4 - Facility Plan for the West and East WWTPs	31-Jul-2012	31-Jul-2012	Provided comments	19-Oct-2012	13-Nov-2012
23	Revised Financial Capability Assessment	31-Jul-2012	31-Jul-2012	Provided comments	1-Feb-2013	In Discussion
	Submit SAR 2012-1	1-Sep-2012	31-Aug-2012	No comments received	-	-
	EPA Conference Call, EWSU received control measure spreadsheet	5-Oct-2012				
23 <sup>a</sup>	EWSU submitted LTCP comment response (Technical Meeting 1 focused on many of the comments/responses)					19-Oct-2012
	Technical Meeting 1 and Meeting Follow up	24-Oct-2012				
	EWSU provided Pigeon Creek Interceptor multi-sensor evaluation					25-Oct-2012
	EWSU provided Bee Slough alternatives evaluation information (alternatives, costs, figures)					25-Oct-2012
	EWSU provided vertical treatment unit information					25-Oct-2012
	EWSU provided Figure 1 - Evansville CSO Volumes in pdf format					27-Oct-2012
	EWSU provided cost performance tables in EPA format					27-Oct-2012
24	Revise the West WWTP and the East WWTP Maximum Treatable Flow designations in CSOOP. (Consent Decree paragraph. 19.e and 20.e)	1-Nov-2012	1-Nov-2012	No comments received	-	-
	2012 Combined Sewer Overflow Operation Plan Update	1-Nov-2012	1-Nov-2012	No comments received	-	-
23 <sup>a</sup>	EWSU submitted Facility Plan comment response (Technical Meeting 2 focused on many of the comments/responses)					13-Nov-2012
25	Submit CMOM 3.0	30-Nov-2012	30-Nov-2012	No comments received	-	-
	EWSU provided tunnel analysis TM					30-Nov-2012
	EWSU provided 7th Avenue Lift Station replacement/improvements TM					30-Nov-2012
	Technical Meeting 2 and Meeting Follow up	4-Dec-2012				

TABLE 12-1  
Decree Deliverables Listing  
January 1, 2019 through June 30, 2019 Reporting Period

Deliverable	Date Due	Submitted to Agencies	Agency Review Status	Date Comments Received	Date Comment Response Submitted
EWSU provided Excel version of optimization result tables		6-Dec-2012			
EWSU provided technical paper regarding Biological and Chemically Enhanced High-Rate Clarification Solution for the Treatment of Wet Weather Flows		6-Dec-2012			
EWSU provided technical paper regarding Operating Chemically Enhanced Clarification for Optimum Disinfection Performance		6-Dec-2012			
EWSU provided information on WERF wet-weather disinfection project EWSU would participate in if awarded		6-Dec-2012			
23* EWSU submitted SSRMP comment response		4-Jan-2012			
EWSU provided cost performance tables		18-Jan-2013			
EWSU provided TM regarding East WWTP expansion alternatives and CSO volumes		18-Jan-2013			
EWSU provided pie charts with treatment type/volume data		18-Jan-2013			
Technical Meeting 3 and Meeting Follow up	24-Jan-2013				
EWSU provided revised cost performance tables		1-Feb-2013			
Submit Supplemental Environmental Projects (SEP) Completion Report	1-Feb-2013	1-Feb-2013	No comments received	-	-
Financial Capabilities Assessment Meeting and Follow up	6-Feb-2013				
EWSU provided shape files of gravity sewer mains		8-Feb-2013			
EWSU provided CSS and sewer basin shape files		8-Feb-2013			
EWSU provided non-IOCP capital projects data		8-Feb-2013			
EWSU provided non-IOCP capital needs data		8-Feb-2013			
EWSU provided Bee Slough draft treatment wetland TM		12-Feb-2013			
Technical Meeting 4 and Meeting Follow up		20-Feb-2013			
EWSU provided Future Flows TM		28-Feb-2013	Provided comments	4-Apr-2013	9-May-2013
Submit SAR 2012-2	1-Mar-2013	1-Mar-2013	No comments received	-	-
LTCP Submittal Requirement correspondence received from EPA, listing alternatives and levels of control EWSU should evaluate		15-Mar-2013			31-May-2013
Technical Meeting 5 and Meeting Follow up		20-Mar-2013			
EWSU provided Typical Year Rainfall and 2-YR 24-HR Design Storm Comparison for West Sewer System Model TM		29-Mar-2013	Additional graphs requested	3-Apr-2013	10-Apr-2013
EWSU provided Bee Slough Alternatives Analysis Draft Report, including wetland analysis		29-Mar-2013	No comments received	-	-
Technical Meeting 6 and Meeting Follow up		24-Apr-2013			
Identifying SSOs Included in the SSRMP TM		10-May-2013	No comments received	-	-
26 Submit Final IOCP, including Post-Construction Monitoring Plan	31-May-2013	31-May-2013			
USEPA Additional Information Request 1				19-Jul-2013	7-Aug-2013
Submit SAR 2013-1	1-Sep-2013	31-Aug-2013	No comments received		
USEPA Additional Information Request 2				6-Sep-2013	17-Sep-2013
2013 Combined Sewer Overflow Operation Plan Update	1-Nov-2013	1-Nov-2013	No comments received		
USEPA Additional Information Request 3 - SSRMP				13-Nov-2013	10-Dec-2013
USEPA Additional Information Request 4 - Wetlands & Sewer Separation				26-Nov-2013	20-Dec-2013
EWSU submitted request for approval of certain early action projects, including Proposed Early Action Projects TM		26-Nov-2013	Certain approvals received	6-Dec-2013	
USEPA Additional Information Request 5 - Wetlands				5-Dec-2013	20-Dec-2013
USEPA Additional Information Request 6 - Post Construction Flow Monitoring				4-Feb-2014	20-Mar-2014
USEPA Additional Information Request 7 - Green Infrastructure Planning and Recommendations				4-Feb-2014	20-Mar-2014
Teleconference with UPEPA and IDEM regarding early action projects		29-Jan-2014			
Submit CMOM 3.1		14-Feb-2014	No comments received		
Submit SAR 2013-2	1-Mar-2014	1-Mar-2014	No comments received		
Hydraulic and Operations Analysis of the Bee Slough Control Measure TM		18-Apr-2014		8-May-2014	16-May-2014
Teleconference with USEPA and IDEM regarding Wetlands Additional Modeling TM		8-May-2014			
Submit SAR 2014-1	1-Sep-2014	1-Sep-2014	No comments received		
2014 Combined Sewer Overflow Operation Plan Update	1-Nov-2014	1-Nov-2014	No comments received		
Non IOCP Capital Projects List		21-Jan-2015			
Submit SAR 2014-2	1-Mar-2015	1-Mar-2015	No comments received		
Tunnel Cost Analysis		19-Apr-2015			
Response to EPA Questions regarding tunnel option (Ryan Bahr)		19-Apr-2015			
Revised IOCP Volume I Section 5		30-Apr-2015			
Wetland Operations Modeling Analysis		30-May-2015			
25-year Cost Performance and Financial Analysis		30-May-2015			
Wetland Performance Assessment		4-Jun-2015			
Conceptual Wetland Monitoring Draft Plan		4-Jun-2015			
Pigeon Creek Interceptor Optimization Technical Memorandum		30-Jun-2015			

TABLE 12-1

Decree Deliverables Listing

January 1, 2019 through June 30, 2019 Reporting Period

Deliverable	Date Due	Submitted to Agencies	Agency Review Status	Date Comments Received	Date Comment Response Submitted
Submit revised IOCP		31-Jul-2015			
Response to EPA IOCP comments letter, including an update to EPA comments on Table 5-1 (the IOCP compliance schedule and requirements)				17-Aug-2015	
Comments and counter proposals to EPA regarding the details of the final remedial measures (Appendix G) and the CD compliance requirements for the remote treatment facilities (Appendix H)					
Ongoing discussions and information exchange with EPA and IDEM regarding finalization of the IOCP during the reporting period					
Submit SAR 2015-1	1-Sep-2015	1-Sep-2015	No comments received		
2015 Combined Sewer Overflow Operation Plan Update	1-Nov-2015	1-Nov-2015	No comments received		
Submit revised IOCP - The Third Amendment		15-Jan-2016			
Submit SAR 2015-2	1-Mar-2016	1-Mar-2016	No comments received		
Response to EPA IOCP comments letter, including responses to Enclosure A and Enclosure B				18-Apr-2016	
Submit revised IOCP		30-Jun-2016			
Submit SAR 2016-1	1-Sep-2016	1-Sep-2016	No comments received		
2016 Combined Sewer Overflow Operation Plan Update	1-Nov-2016	1-Nov-2016	No comments received		
Submit SAR 2016-2	1-Mar-2017	1-Mar-2017	No comments received		
Submit SORP 2.2	1-May-2017	1-May-2017	No comments received		
Submit revised IOCP		6-Jul-2017	8/31/2017 Approval		
Submit SAR 2017-1	1-Sep-2017	1-Sep-2017	No comments received		
2017 Combined Sewer Overflow Operation Plan Update	1-Nov-2017	1-Nov-2017	No comments received		
Control Measure 1 - Bee Slough Drainage Pipeline - Achievement of Full Operation	1-Jan-2018	19-Dec-2017			
Small Diameter Sewer Cleaning and Inspection Cycle 1 Completion	31-Jan-2018	31-Jan-2018	No comments received		
Submit SAR 2017-2	1-Mar-2018	1-Mar-2018	No comments received		
Control Measure 4 - Cleaning and Inspection of the PCI - Achievement of Full Operation	1-Jan-2022	29-May-2018			
Ongoing discussions and information exchange with EPA and IDEM regarding finalization of the IOCP during the reporting period					
Submit SAR 2018-1	31-Aug-2018	1-Sep-2018	No comments received		
2018 Combined Sewer Overflow Operation Plan Update	1-Nov-2018	1-Nov-2018	No comments received		
Submit SAR 2018-2	1-Mar-2019	1-Mar-2019	No comments received		
27 Complete Full Implementation of the IOCP		31-May-2041			
28 Complete Post Construction Monitoring		31-May-2042			
29 Submit Post Construction Monitoring Report		31-May-2043			

\* Comment response is duplicated from "Date Comment Response Submitted" column to clarify the timeline and relationship between the comment response and technical meeting content

Black text and deliverable number represents dates/deliverable listed in Appendix B of the Decree

Blue text signifies other Decree required deliverables/submittals and deadlines not listed in Appendix B of the Decree

Red text indicates submittal of information/data requested by EPA, but not listed in the Decree



TABLE 12-2

Non-IOCP Capital Investments

January 1, 2019 through June 30, 2019 Reporting Period and preceding 3 year period

Investment Number	Service Area	Project Type	Long Description	2012 Planning Level Submitted Capital Costs	Commence Construction	AFO	Actual Total Project Cost (2015)
S0001	West	Lift Station	Design and Construction of Cantex conversion to submersible pumps at the Beverly Heights lift station	\$300,000	12/06/2017	12/31/2018	235,545.68
S0002	East	CSO	Design and Construction of CASS CSO flow monitoring improvements and pipe extention	\$1,200,000	2/16/2017	12/31/2018	1,291.84
S0004	East	Lift Station	Design and Construction of a new force main for the Eagles lift station replacement	\$1,092,000	12/16/2016	12/31/2018	144,670.64
S0009	West	Lift Station	Design and Construction of lift station improvements for the North Park lift station replacement	\$293,000	6/20/2018	12/31/2018	355,676.79
S0010	East	Lift Station	Construction to convert existing Oak Grove lift station from a Cantex to a submersible pump station	\$583,000	12/6/2017	12/31/2018	295,017.62
S0015	All	Collection	Study to inspect, evaluate, and prioritize all sanitary sewer siphons	\$145,000	2/13/2018	12/31/2018	145,159.17
S0019	All	Lift Station	Annual SCADA upgrades and Project Programming / Integration required	\$300,000	2/3/2016	12/31/2018	205,335.35
S0022	East	Lift Station	Design and Construction of Cantex lift station conversion to submersible pumps at Twickingham lift station	\$390,000	12/15/2016	12/31/2018	84,131.52
S0023	East	Lift Station	Design and Construction of lift station improvements at the Wazny Way lift station and CMOM 3.0 requirements	\$402,000	12/13/2017	12/31/2018	225,990.99
S0024	All	Vehicles	Replacement Vehicle #548-2000 - Engineering PM Pool Vehicle SUV	\$24,800	2/16/2016	5/20/2016	23,259.89
S0027	All	Vehicles	Replacement Vehicle #524-2006 4x4 SUV	\$26,200	2/16/2016	5/27/2016	23,259.89
S0028	All	Vehicles	Replacement Vehicle #526-1999 SUV	\$35,000	2/16/2016	4/18/2016	23,259.89
S0029	All	Vehicles	Replacement Vehicle #533-2006 Crew Van	\$36,000	2/16/2016	5/27/2016	23,259.89
S0030	All	Vehicles	Replacement Vehicle #534-1996 Pickup F-350	\$40,000	2/25/2016	6/7/2016	29,281.73
S0031	All	Vehicles	Replacement Vehicle #545-2002 Pickup F-250	\$32,000	2/25/2016	6/7/2016	29,281.73
S0033	All	Equipment	Replace Water Planning Generator #277	\$10,000	7/14/2016	7/14/2016	5,996.40
S0034	All	Equipment	Replace CCTV Camera #277	\$21,000	6/25/2018	12/31/2018	54,681.43
S0035	All	Equipment	Replace CCTV Reel 8, Cable #277	\$22,000	6/25/2018	12/31/2018	7,240.03
S0039	All	Lift Station	10-yr lift station pump replacement cycle with 20-yr station rehab/replace cycle built in	\$156,000	2/1/2016	12/31/2018	138,527.99
S0041	East	Lift Station	Design and Construction of Greencove lift station replacement	\$342,000	12/10/2018	6/30/2019	510,973.66
S0043	All	Lift Station	Air Release Valve Replacement Program	\$300,000	2/11/2016	12/31/2018	152,338.37
S0045	East	East Treatment Plant	1.2.7.1.2 Replace Secondary Blower Building Roof	\$20,000	8/25/2016	12/31/2016	24,259.57
S0046	East	East Treatment Plant	1.2.14.7.1 Polymer Feed System	\$150,000	4/18/2017	12/31/2017	2,198.78
S0047	East	East Treatment Plant	1.2.18.2 Sludge Building Roof	\$300,000	8/25/2016	9/28/2016	342,098.56
S0050	West	West Treatment Plant	1.1.14.7.1 Polymer Feed System	\$150,000	9/11/2017	12/31/2018	41,125.44
S0051	All	Collection	On Call Realtor Contract for opinion costs related to easement needs	\$10,000	5/25/2016	12/31/2018	247,445.65
S0055	All	Vehicles	Replacement Vehicle #547-2006 Pickup	\$46,000	11/22/2016	2/22/2017	30,122.05
S0056	All	Vehicles	Replacement Vehicle #550-1999 4-Dr Sedan	\$25,500	11/22/2016	2/6/2017	24,180.14
S0057	All	Vehicles	Replacement Vehicle #551-1999 Pickup	\$25,500	11/22/2016	2/13/2017	30,122.05
S0058	All	Equipment	Replacement Vac Truck #584-2004 Sterling Truck Vac Truck	\$232,000	3/3/2017	6/19/2017	374,624.43
S0059	All	Equipment	Sewer Line Rapid Assessment Tool SL-RAT	\$22,000	7/20/2016	9/12/2016	22,765.00
S0060	All	Lift Station	10-yr lift station pump replacement cycle with 20-yr station rehab/replace cycle built in	\$156,000	8/2/2017	12/31/2017	69,849.12
S0065	West	West Treatment Plant	1.1.22.1 Paving	\$250,000	12/5/2016	12/31/2017	451,290.67
S0066	West	West Treatment Plant	1.1.22.2 Fencing	\$125,000	12/2/2016	12/31/2017	36,970.85

TABLE 12-2

Non-IOCP Capital Investments

January 1, 2019 through June 30, 2019 Reporting Period and preceding 3 year period

Investment Number	Service Area	Project Type	Long Description	2012 Planning Level Submitted Capital Costs	Commence Construction	AFO	Actual Total Project Cost (2015)
S0067	All	Collection	On Call Realtor Contract for opinion costs related to easement needs	\$10,000	5/25/2016	12/31/2018	247,445.65
S0072	All	Equipment	Replacement Vehicle #501-2014 Construction Backhoe Case 590SM III	\$103,000	4/26/2018	5/31/2018	66,211.73
S0074	All	Equipment	Replacement Equipment Excavator 290	\$238,000	7/23/2018	12/31/2018	165,248.29
S0085	West	Lift Station	New Proposed Creamery Road Lift Station, Regional lift station along University parkway	\$11,500,000	11/29/2017	12/31/2018	14,789.10
S0109	All	Equipment	Replacement Vac Truck 4587-2014 Vactor	\$264,000	6/25/2018	12/31/2018	409,496.28
S0242	West	West Treatment Plant	1.1.17.2.1 VFD#1 - CCM 2019.05.09	\$20,000	5/15/2019	5/30/2019	25,721.87
S0289	West	West Treatment Plant	1.1.19.1 Generator and Transfer Switch	\$300,000	12/31/2017	2/8/2018	62,283.64
S0448	West	Lift Station	Design and Construction of Locust Tree Lane lift station equipment rehabilitation	\$135,000	5/25/2016	12/31/2018	285,777.51
S0449	West	Lift Station	Design and Construction of North Park lift station equipment rehabilitation	\$147,000	5/25/2016	12/31/2018	44,895.60
S0488	East	Lift Station	Design and Construction of Chickasaw lift station equipment rehabilitation	\$201,000	9/28/2017	12/31/2018	381,906.21
S0517	East	Lift Station	Design and Construction of Valley Downs lift station replacement - Includes Greencove & Mystic Creek	\$463,000	4/19/2018	12/31/2018	123,073.74
S0632	East	Lift Station	Design and Construction of Carriage House lift station equipment rehabilitation	\$201,000	4/16/2018	12/31/2018	17,449.77
S0635	East	Lift Station	Design and Construction of Plaza Drive lift station replacement	\$342,000	2/24/2017	12/31/2018	180.21
S1000	All	Collection	2017 Manhole Installation Project #2		5/30/2017	12/31/2018	804,951.38
S1001	East	Equipment	Kubota ZD11211-60 Mower CCM 2019.01.31		6/3/2019	6/30/2019	12,793.36
S1005	All	Lining	Collection System Lining - Annual Large Diameter Lining (Acct 444064)		3/15/2017	12/31/2018	1,205,536.51
S1012	East	Collection	Cross Point Lift Station 6" Force Main Bypass		9/28/2017	11/30/2017	19,272.84
S1019	All	Equipment	Purchase new Trailer for bigger Mini Excavator		12/31/2017	1/31/2018	5,362.27
S1020	East	Equipment	Replacement of small New Holland Tractor		12/31/2017	1/31/2018	28,838.74
S1021	Plants	Equipment	Waste Treatment Plants Secondary Clarifier Rehabilitation		10/20/2017	12/31/2018	104,796.90
S1022	All	Equipment	Solar Panel Installations - Allens Lane		10/17/2017	3/31/2018	176,918.70
S1023	All	Equipment	Solar Panel Installations - Millersburg Road		10/17/2017	3/31/2018	115,039.57
S1027	West	Lift Station	Teledyne ISCO Flow Meter for 7th Avenue Lift Station		12/31/2017	1/31/2018	21,564.66
S1030	All	Plants	Biosolids Management Plan - Phase II		11/6/2017	6/25/2018	96,098.04
S1032	All	Collection	Wedeking Avenue - Gravity Main Replacement		1/1/2018	2/15/2018	67,060.65
S1033	All	Collection	Sunset Avenue Sewer Replacement		1/1/2018	2/15/2018	30,727.18
S1034	All	Collection	Florence Street Sewer Replacement		11/1/2017	3/29/2018	377,566.65
S1036	Plants	Equipment	East-West Secondary Clarifier Rehabilitation Project - Clarifier Equipment from Evoqua and Nefco		2/26/2018	12/31/2018	114,633.01
S1037	All	Equipment	Atlas JSV-6000 Crew Diesel ATV for Easement and Offroad Sewer Inspections		4/12/2018	4/12/2018	18,024.97
S1038	All	Equipment	CUES "Truck in a Box" for Easement and Offroad Sewer Inspections (Includes Trailer)		4/12/2018	4/12/2018	140,517.26
S1039	All	Equipment	CUES Mudmaster for Large Diameter Sewer Inspection		5/24/2018	5/24/2018	38,110.94
S1041	All	Collection	Hydraulic Units (For Interceptor and Outfall Gates) at Baker, Delaware, and Dresden Street CSO Structures		6/11/2018	12/31/2018	65,104.34
S1042	Lift Station	Collection	Cross Point Lift Station Remove/Replace all Piping and Pumps		5/3/2018	12/31/2018	103,504.04
S1043	All	Equipment	PR16 Series 72" Powered Rake		4/26/2018	5/31/2018	6,008.32

TABLE 12-2

Non-IOCP Capital Investments

January 1, 2019 through June 30, 2019 Reporting Period and preceding 3 year period

Investment Number	Service Area	Project Type	Long Description	2012 Planning Level Submitted Capital Costs	Commence Construction	AFO	Actual Total Project Cost (2015)
S1044	West	West Treatment Plant	(2) Aerzen Blowers due to Heavy Silt Concentration		4/26/2018	12/31/2018	17,072.79
S1047	All	Equipment	(2) Kleen Sight Camera Nozzles		4/26/2018	5/31/2018	75,857.07
S1049	All	Equipment	CUES Push Camera CCM 2018.06.07		6/11/2018	7/31/2018	11,629.01
S1051	All	Collection	Pump Rehabilitation & Repair - Eagles, Pfeiffer Road, and Daylight South Lift Stations. CCM 2018.06.21		6/25/2018	12/31/2018	18,754.07
S1052	All	Equipment	2007 Case 850 Dozer		6/25/2018	7/31/2018	41,670.63
S1054	All	Equipment	Western Star 4700 Chassis with Dump Body Triaxle Truck CCM 2018.08.02		8/8/2018	8/21/2018	141,763.50
S1055	All	Equipment	Agilent 5110 VDV ICP-OES Spectrophotometer		8/8/2018	12/31/2018	104,733.15
S1058	All	Collection	Riverside & Vann Lift Station Storm Sewer Rehab		5/31/2018	12/31/2018	233,549.37
S1059	Lift Station	Lift Station	7th Avenue Lift Station - Rebuild 235 HP Flygt Drywell Submersible Pump		10/19/2018	12/31/2018	36,625.90
S1062	All	Collection	Franklin Street 60" Sewer Repair		11/14/2018	12/31/2018	42,232.70
S1065	All	Collection	Allen's Lane & Kratzville Rd - (180') of Sanitary Sewer		12/10/2018	3/31/2019	119,514.31
S1066	Plants	Equipment	Secondary Clarifiers - Pipe Cleaning Equipment		12/10/2018	12/31/2018	36,721.95
S1067	West	West Treatment Plant	200 HP ABS Dry Pit Submersible Pump for BAF CCM 2019.01.31		2/4/2019	2/4/2019	31,498.82
S1068	West	West Treatment Plant	(2) Aerzen Blowers for BAF CCM 2019.01.31		2/4/2019	2/28/2019	16,465.50
S1071	All	Equipment	Replacement Vehicle #501-2038 Construction Backhoe Case 590SM III		3/4/2019	3/31/2019	101,127.93
S1072	Plants	Equipment	(3) 6712FR ISCO Refrigerated Wastewater Samplers CCM 2019.02.28		3/4/2019	3/31/2019	22,988.41
S1079	East	Lift Station	Keystone Lift Station - (2) Myers 4" Non-Clog Submersible Pumps - CCM 2019.05.09		5/15/2019	6/30/2019	20,525.24
S1083	East	Equipment	Kubota Zero Radius Turn 60" Mower		6/3/2019	6/30/2019	5,405.65
S1084	All	Vehicles	Mark 3 Inspection Vehicle CCTV - CCM 2019.05.23		6/3/2019	6/30/2019	54,016.79
Cumulative Actual Total Project Cost (2015 dollars)							10,940,295.53

\*Investment Numbers S1000 or greater are capital investments not identified in Appendix I

