2016 Stormwater Management Report

Boston Water and Sewer Commission

Municipality/Organization: Boston Water and Sewer Commission

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Annual Report

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1.0 INTRODUCTION

1.1 PERMIT HISTORY

Discharges to the Boston Water and Sewer Commission's (Commission) municipal separate storm sewer system (MS4) are regulated under the U.S. Environmental Protection Agency's (EPA) National Pollutant Discharge Elimination System (NPDES) Stormwater Permit Regulations. The Commission's NPDES Stormwater Permit (MAS010001) was issued by the EPA and the Massachusetts Department of Environmental Protection (DEP) on September 29, 1999, and became effective on October 29, 1999. The five year permit expired on October 29, 2004, but the EPA administratively continued the permit as allowed by the regulation and its terms remain in effect until a new permit is issued. The Commission's 2003 Stormwater Management Report, which was submitted to the EPA on February 27, 2004, constituted the Commission's reapplication for an NPDES Stormwater Permit.

In August 2012, the Commission entered into a Consent Decree following two years of negotiations with the U.S. Environmental Protection Agency, U.S. Department of Justice and the Conservation Law Foundation (CLF) regarding discharges of pollutants from the Commission's MS4 and wastewater collection system. The Consent Decree, lodged in the U.S. District Court on August 23, 2012, outlines a series of short-term and long-term remedial measures that the Commission is implementing to further its compliance with its existing NPDES permit and the Clean Water Act. They include enhancements to the Commission's Illicit Discharge Detection and Elimination Program and its Capacity, Management Operation and Maintenance (CMOM) Program; expansion of the Commission's stormwater related public education and outreach activities; requirements for developing and implementing Green Infrastructure and Stormwater Best Management Projects within the City; updating the Commission's stormwater model; executing intergovernmental agreements with various state and local agencies; improvements to the tracking and reporting of sewer system overflows and development of an SSO Emergency Response Plan; and development of programs to inspect Construction Sites and Industrial Facilities to confirm that they are in compliance with the terms of their own NPDES Stormwater Permits.

1.2 ANNUAL REPORT REQUIREMENTS

In accordance with the NPDES Stormwater Permit (Permit), the Commission is required to report annually to EPA and DEP regarding the status of its pollution prevention and stormwater management programs. This report provides a summary of the stormwater management program activities undertaken by the Commission in 2016. Provided herein

are descriptions of the Commission's outfall monitoring and illicit discharge remediation programs, stormwater related enforcement actions, discussions regarding modifications to these programs, annual expenditures, water quality improvements and an assessment of structural controls.

Many of the programs, plans and activities described in this report are required under the Consent Decree. Separate Consent Decree compliance reports are submitted to EPA, the U.S. Department of Justice, DEP and the CLF on a semi-annual basis. Some of the deadlines for submittals of reports, plans and implementation of programs required under the Consent Decree occur before and after 2015. To the extent they occurred in 2016, they are reported herein as appropriate.

1.3 COMMISSION JURISDICTION AND LEGAL AUTHORITY FOR DRAINAGE SYSTEM AND STORMWATER MANAGEMENT

The Commission was created pursuant to an act of the Massachusetts Legislature under Chapter 436 of the Acts of 1977 as a political subdivision of the Commonwealth, separate and apart from the City of Boston. The enabling act charged the Commission with the responsibility for the operation and maintenance of the water distribution system and the wastewater collection and stormwater drainage systems which serve the City of Boston. Through its enabling legislation the Commission is empowered to promulgate rules and regulations in order to perform its statutory functions and duties. The Commission's Regulations Governing the Use of Sanitary and Combined Sewers and Storm Drains and Requirements for Site Plans are briefly described below. Copies of the documents are available by contacting the Commission and downloadable versions are available from the Commission's web site located at www.bwsc.org.

Pursuant to the Consent Decree, the Commission is exercising greater authority over stormwater discharges originating from construction sites and industrial facilities. These programs are discussed further in Section 3.

Sewer Use Regulations: The majority of the Commission's stormwater management controls are enforced through its Regulations Governing the Use of Sanitary and Combined Sewers and Storm Drains (the Sewer Use Regulations). The Sewer Use Regulations were adopted in 1983 and amended in 1989. They were amended again in 1998 to strengthen and clarify the requirements, particularly as they pertain to stormwater discharges. In 1998, the Commission also amended its Penalty Schedule by adding and increasing the fines for several Sewer Use Regulation violations.

General Service Applications and Requirements for Site Plans: The Commission requires that a General Service Application and a site plan be submitted for every new or reconstructed water, sewer, or storm drain service connection. The Requirements for Site Plans are to assist developers, builders, architects, engineers, and others in preparing site plans that conform to the Commission's Sewer Use Regulations and to help them secure the necessary approvals from the Commission.

The site plan must be approved by the Commission's Chief Engineer before construction may begin, and it will not be approved unless it complies with the Commission's Requirements for Site Plans and Sewer Use Regulations. The site plan review provides an opportunity to review the components of the project and condition the approval on compliance with the Commission's Sewer Use Regulations, Requirements for Site Plans, and other requirements. The Commission's Requirements for Site Plans are updated as needed, generally about once a year. In accordance with Section VII, Part K of the Consent Decree, the Commission revised its Requirements for Site Plans to require developers of Construction Sites (over 1 acre or plan to disturb more than 1 acre) to apply for a Notice of Intent with EPA for a Construction General Permit and also require the submission of a Stormwater Pollution Prevention Plan (SWPPP), which will be summarily reviewed by the Commission with the site plan application.

1.4 STORM DRAINS OWNED AND STORMWATER ACTIVITIES PERFORMED BY OTHERS

The Commission controls most of the municipal storm drains in Boston. However, some storm drains and outfalls are owned by other city agencies. For example, drains and outfalls located in the Marine Industrial Park in South Boston are owned and operated by the Economic Development and Industrial Corporation of Boston; the Boston Parks Department owns drains in Franklin Park and Boston Common, and in other city parks.

Other storm drains and outfalls in the city are owned by state agencies, such as the Massachusetts Department of Transportation and the Department of Conservation and Recreation; these drains and outfalls are not controlled by the Commission. In several locations Commission owned storm drains interconnect with those owned by the Town of Brookline, Town of Dedham, Town of Milton, the City of Newton and the City of Somerville. The Commission does not have jurisdiction or control over the discharges originating from these municipalities, nor does it have jurisdiction and/or control over roadways, roadway maintenance, city parks or city or state facilities which may impact the Commission's separate storm system. Further, the Commission does not manage or control some of the stormwater programs and activities required under its NPDES. For example, the Household Hazardous Waste Collection Program is managed by the Boston Public Works Department.

To help address jurisdictional issues, and in compliance with terms of the Consent Decree, in 2013, the Commission established Memorandums of Understanding (MOUs) with the following: Boston Public Works Department, Boston Parks and Recreation Department, Boston Inspectional Services Department, Boston Redevelopment Authority (now called the Boston Planning and Development Agency) , Economic Development and Industrial Corporation, Boston Housing Authority, Brookline, Dedham, Milton and Newton, Massachusetts Department of Transportation and Massachusetts Department of Conservation and Recreation. In 2016, the Commission executed Amendment No. 1 to the Memorandums of Agreement with each of the twelve (12) existing inter-agency agreements to extend the term of the agreements through December 31, 2021. The

Commission also executed a MOU with the Boston Public Schools Department for a pilot Best Management Practice, Green Infrastructure project.

The Commission coordinates with these entities as necessary to meet the requirements of the Commission's NPDES Stormwater Permit and the Consent Decree.

1.5 CHARACTERIZATION OF SEPARATED SUB-CATCHMENT AREAS

The Commission's storm drain outfalls are listed in Table 1-1. There are currently 206 storm drain outfalls in the Commission's drainage system. Table 1-2 lists locations where Commission owned storm drains interconnect with (discharge to) storm drains owned by others. There are currently 18 interconnection locations. Table 1-3 lists the Commission's 30 combined sewer overflow outfalls.

1.6 MAPPING OF SUB-CATCHMENT AREAS AND OUTFALL LOCATIONS

Figure 1-1 in Appendix B contains a map showing the locations of the Commission's storm drain outfalls, the interconnections and the combined sewer overflow (CSO) outfalls. The sub-catchment areas tributary to the storm drain outfalls, the interconnections and the separated portion of the Stony Brook Conduit are also shown.

2.0 FIELD SCREENING, SUB-CATCHMENT AREA INVESTIGATIONS AND ILLICIT DISCHARGE REMEDIATION

Under the terms of the Consent Decree the Commission is required to: annually perform wet and dry weather field screening of its storm drain outfalls, CSO outfalls and storm drain manholes that discharge (interconnect) with other MS4 drain systems; establish priorities and schedules for investigating sub-catchment areas that demonstrate contamination; implement a sub-catchment investigation program based on the priorities and schedules established; and, correct or repair illicit discharges within deadlines established in the Consent Decree. The Commission performed illicit discharge investigations and elimination prior to entry of the Consent Decree in 2012, and continued to do so in 2016 under the Consent Decree requirements.

2.1 FIELD SCREENING

Protocols have been developed for both dry and wet weather screening of sub-catchments. The screening protocols were established for conducting visual inspections; screening and sampling of outfalls/interconnections; monitoring weather conditions and tides in order to select appropriate days to conduct screening and sampling visits; and mobilizing field staff. The protocols also define required sampling procedures, including: specific parameters to be sampled in the field vs. in the lab, equipment calibration and operation, communications, record keeping, and health and safety concerns. The documents also include analytical requirements for collecting water quality samples, sample blanks, and duplicates; sample preservation and holding time requirements; and laboratory analytical quality assurance/quality control (QA/QC) procedures. In general, the following protocols were followed in 2016:

- Visual inspections were conducted to confirm outfall/interconnection locations, collect inspection data, and plan sampling.
- Screening and sampling was performed during dry and wet weather for collection of samples for field and lab analysis.
- Ammonia, surfactants, pH, temperature, specific conductivity, total chlorine and salinity were measured using field test kits.
- Samples were delivered by courier to G&L Laboratories for bacterial analysis.
- Bacterial analysis consisted of *E. coli* for freshwater samples and *Enterococci* for marine water samples.
- All samples were taken as grab samples. No confined space entry was required.

All the screening data in 2016 were collected by Commission's consultant, Stacey DePasquale Engineering, under sub-contract to CH2M.

The purpose of the dry weather sub-catchment screening and inventory effort was to:

- Confirm the location of the outfalls/interconnections.
- Characterize the current condition (size, material, flow, etc.) of each outfall or interconnection.
- Identify outfalls/interconnections with dry weather flow and determine if the flow was potentially contaminated.

The purpose of the wet weather screening was to collect a wet weather sample at all locations where flow was not observed during dry weather screening, as well as locations where dry weather flow was below the Illicit Discharge Detection and Elimination (IDDE) limits established by the Consent Decree. The 2016 wet weather screening followed the modified program set forth in the Commission's Proposed Wet Weather Outfall Monitoring Program, which was approved by EPA in a letter dated April 22, 2014. Under the modified program the same wet weather protocols, parameters and thresholds identified in the Consent Decree were used. However, in order to start wet weather screening earlier in the year the selection of sub-catchments included in the 2016 wet weather program were based on the 2015 dry weather screening data.

Field screening during 2016 included inspection and sampling of 256 Commission-owned sub-catchments, which include 206 storm drain outfalls (SDOs), 18 storm drain manholes where storm drainage is conveyed to other municipalities' MS4s or non-BWSC outfalls (referred to as "interconnections"), and 32 Combined Sewer Overflow (CSO) locations.[1]

All the results of the 2016 dry weather screening program are provided in Appendix A, Table 2-1, and a summary of dry weather screening and sampling performed during 2016 is shown in Table 2-2 below. Dry weather field screening took place at 32 CSO locations in 2016. Dry weather samples were collected at 23 of the 32 CSO locations. The remaining nine (9) locations were not sampled, either because there was no flow to sample (2 locations); the outfall had standing water or was submerged and the upstream manholes also had standing water or were submerged (6 locations); or there was no suitable locations to sample (1 location).

Dry weather screening took place at 224 SDO and interconnection locations in 2016. One (1) outfall was screened twice during dry weather, making a total of 225 dry weather screenings in 2016. Dry weather samples were collected at 101 of the locations visited. The remaining 124 locations were not sampled because there was no flow to sample (88 locations), the outfall had standing water or was submerged and the upstream manholes also had standing water or were submerged (32 locations); or there was no suitable locations to sample (4 locations).

[1] There are 30 CSO outfalls in the BWSC system. The Stony Brook Conduit CSO 21HCSO046 was screened in three locations. All three locations are ranked in the 2016 prioritization.

All the results of the 2016 wet weather screening program are provided in Appendix A, Table 2-3, and a summary of the wet weather screening and sampling performed is shown in Table 2-4 below.

Wet weather field screening took place at seven (7) CSO locations in 2016. Wet weather samples were collected at six (6) of the CSO locations. One (1) outfall was not sampled during wet weather because there was no flow.

TABLE 2-2
2016 Dry Weather Screening Samples Collected versus Not Collected

Results of Dry Weather Sampling CSOs[1]	2016
Total CSO Screenings Performed	32
Samples Collected	23
Samples Not Collected	9
No flow, dry	2
No flow, standing water/submerged	6
Could not access outfall/no suitable sampling location	1
Results of Dry Weather Sampling SDO/Interconnections[2]	**2016**
Total SDOs/Interconnect Screenings Performed	225
Samples Collected	101
Samples Not Collected	124
No flow, dry	88
No flow, standing water/submerged	32
Could not access outfall/no suitable sampling location	4

[1] There are 30 CSO outfalls in the BWSC system. The Stony Brook Conduit CSO 21HCSO046-1 was screened in three locations. The worst case result was used for the prioritization.

[2] 4FSDO204 was inspected twice; sample only collected during the second inspection

TABLE 2-4
2016 Wet Weather Screening Samples Collected versus Not Collected

Results of Wet Weather Sampling CSOs	2016
Total CSO Screenings Performed	7
Samples Collected	6
Samples Not Collected	1
No flow, dry	1
No flow, standing water/submerged	0
Could not access outfall/no suitable sampling location	0
Results of Wet Weather Sampling SDO/Interconnections	**2016**
Total SDOs/Interconnect Screenings Performed	114
Samples Collected	60
Samples Not Collected	54
No flow, dry/insufficient flow	31
No flow, standing water/submerged	20
Could not access outfall/no suitable sampling location	3

Wet weather screening took place at 114 SDO and interconnection locations in 2016. Wet weather samples were collected at 60 of the locations visited. Samples could not be collected at 54 locations because either there was no flow or insufficient flow to sample (31 locations); the outfall had standing water or was submerged and upstream manholes also had standing water or were submerged (20 locations); or there was no suitable location to sample (3 locations).

2.2 SUB-CATCHMENT AREA PRIORITIZATION

On November 21, 2012, the Commission submitted to EPA, DEP and CLF the first required Sub-catchment Prioritization and Schedule for Completion of Investigations report ("Priority Report"). Revised Priority Reports were submitted in January 2013, 2014, 2015, 2016 and 2017.

The Priority Reports described the protocols used for collecting the screening data; the methodology for prioritizing sub-catchment areas for investigation; the priority ranking of the sub-catchments which resulted; and, a schedule for completing sub-catchment area investigations within the seven year time line established by the Consent Decree.

IDDE screening thresholds as defined in the Commission's Consent Decree are as follows.

Bacteria:

Class A and Class B waters
E. coli: greater than 235 cfu/ 100 mL
Enterococcus: greater than 61 cfu/ 100 mL

Class SA and Class SB waters
Enterococcus: greater than 104 cfu/ 100 mL

Ammonia: = >0.5 mg/L
Surfactants: = > 0.25 mg/L via field kits; => 0.1 mg/L via laboratory analysis
Chlorine: greater than non-detect (0.02 mg/L method detection limit)

The results of the priority ranking for 2017 are shown in Appendix A. For comparison purposes the rankings from the 2013, 2014, 2015 and 2016 priority rankings are also shown. For the 2017 priority ranking sub-catchments were re-ranked within the same time frames (tiers) established in the 2016 priority ranking. This was done in order to maintain the schedule for completion already established by previous priority rankings, and to avoid fragmentation in the progress of investigations.

As required by the Consent Decree investigations in the six (6) Constitution Beach Priority 1 areas were completed in 2013, and investigations in the Dorchester Bay Priority 1 areas were completed in 2014. Investigations of an additional 65 sub-catchments were completed by August 23, 2015. Also, 28 areas were deemed completed prior to 2013. Priority 5 was given to those sub-catchments where investigations were completed. The remaining sub-catchments were re-ranked on bacteria results, according to the ranges presented in Table 3, although other parameters and factors were taken into consideration.

TABLE 2-6
Bacteria Ranking

Bacteria	Priority 2	Priority 3	Priority 4
E. coli (CFU/100mL)	>10,000	1,000 - 10,000	<1,000
Enterococci (CFU/100mL)	>5,000	500 - 5,000	<500

Where bacteria concentrations for individual sub-catchments were the same, a secondary ranking using the ammonia results was completed. For locations that had a field duplicate sample collected or were sampled more than once, the higher bacteria result was used for prioritization purposes.

During the summer of 2014, the Commission and EPA engaged in discussions regarding the Prioritization Ranking. During those discussions EPA identified several sub-catchments they believed should receive higher priority. These were 10L094, 20D055,

20D062, 23L164, 25L058, CSO 29J017. These sub-catchments are highlighted in beige in Appendix A. Sub-catchments 10L094 and 20D055 were included in the 2015 tier for completion and are now complete. Sub-catchments 20D062, 23L164, 25L058 and CSO 29J017 are scheduled for completion in 2018 and appear at the top of the 2018 tier. Municipal and other MS4 interconnections are highlighted in blue the priority ranking table.

There are currently 256 sub-catchments in the Commission's drainage system. For the 2017 priority ranking 24 sub-catchments were placed in the Priority 2 category, 48 in the Priority 3 category, and 79 in the Priority 4 category. A total of 105 sub-catchments, or 41%, are now Priority 5 or conditionally complete. A map illustrating the 2017 rankings of the sub-catchments is provided in the pocket at the end of this report.

Stony Brook Conduit System

The Stony Brook system is a very large system of separated storm drains, sanitary sewers and combined sewers. There are essentially three parts to the system. The upper portion of the Stony Brook system is completely separated. The upper portion was the subject area of the Commission's Stony Brook Illegal Connections Investigation (SBI) Program, which concluded in 2004. The area underwent extensive investigations for illicit discharges using procedures similar to those currently being utilized by the Commission under its current IDDE Program. Over 260 illicit discharges were identified under the SBI Program, which were subsequently eliminated, removing an estimated 82,000 gallons of sewage per day from the drainage system. This area shows as green or "Complete" on the January 2017 priority ranking map.

The middle portion of the Stony Brook System is shown in purple on the January 2017 priority ranking map. Separation of the middle portion of the Stony Brook system was completed around 2005; however, sections to the "middle portion" contain six (6) permitted regulators that may activate during 1-year design storms; therefore, the system can act (in certain conditions) as a combined system. The lower portion of the Stony Brook System is shown in orange on the January 2017 priority ranking map. The lower portion of the Stony Brook still contains combined sewers, although overflows may occur only during certain design level storm events.

Due to its large size, the Stony Brook Conduit system was screened in three locations for the priority ranking: at a storm drain manhole located near the Forest Hills T-station where the upper separated portion of the system enters the main drain of the middle portion of the Stony Brook System; at Gurney Street where the flows from the middle portion of the system enter the lower portion with the combined sewers; and at Charlesgate East near Beacon Street, just upstream of where the conduit discharges to the Charles River. All three of these locations are shown in the priority ranking.

Since contamination in the upstream portions of the system can impact water quality in the downstream portions IDDE investigations must take place in the middle portions first. As previously stated, IDDE investigation of the upper separated portion of the Stony Brook System was completed in 2004. IDDE investigation of the middle portion was initiated in 2014. Investigations of the lower portion are deferred until the middle portion is complete. Due to its large size and complexity, completion of the investigation of the entire Stony Brook Conduit system is scheduled for 2019.

21KCSO070

The 21KCSO070 sub-catchment is composed of a complex system of combined sewers. The sub-catchment was the subject of the Commission's Fort Point Channel Water Quality Assessment Project, which concluded in 2014. The final report for the Fort Point Channel Water Quality Assessment Project included the recommendation that the Commission conduct a more in-depth investigation of the 21KCSO070 system to establish the causes of the elevated bacteria levels in the system's discharges to the Channel. In November, 2016, the Commission executed a contract with a consultant (Kleinfelder) to perform the 21KCSO070 Project. The contract is expected to conclude in May, 2018, with any recommendations implemented thereafter. Due to its large size and complexity, completion of the investigation of the 21KCSO070 combined sewer system is scheduled for 2019.

2.3 STATUS OF SUB-CATCHMENT INVESTIGATIONS

Tables 2-7 and 2-8 provide the "percent complete" for IDDE investigations within each sub-catchment area in the Commission's system as of January, 2017. As required, the Commission completed investigations in the areas discharging to, or near, Constitution Beach on August 23, 2013, and in the areas discharging to, or near, Malibu and Tenean Beach on August 23, 2014. Investigations in an additional 93 sub-catchments were completed as of August 23, 2015.

The percent complete by manholes for Table 2-7 was calculated based on the total number of stormwater and common manholes in the sub-catchment area that were systematically investigated[2], divided by the total number of stormwater and common manholes in the sub-catchment area. The percent complete by linear footage of pipe for Table 2-8 was calculated based on the total footage of storm drain pipe in the sub-catchment area that was systemically investigated, divided by the total footage of storm drain pipe in the sub-catchment.

2.4 ILLICIT DISCHARGE DETECTION AND ELIMINATION PLAN

Under the Consent Decree the Commission was required to submit to EPA, DEP and CLF a revised Illicit Discharge Detection and Elimination Plan (IDDE Plan). The IDDE Plan detailed and updated the Commission's top-down approach, including modifications as appropriate to address investigations of CSO outfalls. It described the investigation methods and analytical techniques that the Commission employs to locate and verify illicit discharges and methods by which sources of illicit discharges would be removed. The IDDE Plan was submitted to EPA, DEP and CLF on December 18, 2012.

Most illicit discharge investigations are performed by Commission consultants, with smaller more targeted investigations performed by in-house staff. The contracts for investigations performed by consultants are described further below. The methodology

[2] As described in the Commission's IDDE Plan, not every storm drain manhole in a sub-catchment area is inspected. Some manholes are inferred to be void of contamination based on the results of inspections of manholes upstream and downstream, or on dye tests of adjacent buildings.

for investigations performed by in house staff varies but usually consists of manhole inspections, dye testing of buildings, and video inspections of pipes.

2.5 ILLICIT DISCHARGE INVESTIGATION CONTRACTS

Since 1999, the Commission has executed four contracts to have consultants perform illicit discharge investigations of the Commission's drainage system. The Stony Brook Illegal Connection Investigation (SBI) Program was carried out between 1999 and 2005, at a cost of $1,478,709. The Citywide Illegal Connection Investigation (CWI) Program overlapped with the SBI, and was carried out between 2004 and 2009. Total cost for the CWI program was $1,536,000. The Citywide Illegal Connection Investigation Program, Phase 2 (CWI2) was carried out between 2009 and 2012. Total cost for the CWI2 contract was $1,660,000. The Citywide Illegal Connection Investigation Program, Phase 3 (CWI3) was carried out between 2012 and 2016. Total cost for the CWI3 contract was $3,147,817. A contract for the Citywide Illegal Connection Investigation Program, Phase 4 (CWI4) was executed June 14, 2016. The contract ceiling for CWI4 is $2,105,414, and the contract duration is four years. As of December 31, 2016, $260,365 had been spent for services under the CWI4 contract. These costs for the SBI and CWI contracts do not include the cost to correct the illicit discharges found, nor do they include other costs borne by the Commission for activities such as testing sewer laterals to determine whether the leak, CCTV of sewers and drains, police details, performing additional dye tests, cleaning pipes and manholes, program management, construction oversight and other support services.

2.6 CORRECTION/REPAIR OF ILLICIT DISCHARGES

Correction and repair of illicit discharges is discussed in the Commission's IDDE Plan, which was submitted to EPA, DEP and CLF on December 18, 2012. The Commission identifies two types of illicit discharges: direct illicit connections and sanitary sewer defects such as leaking sewer laterals. Direct illicit connections include sanitary sewer laterals that are directly connected to storm drains in the public way; these are usually corrected by a Commission contractor. Direct connections also include sanitary connections, such as from a single toilet or washing machine, to an internal building drain; these require the owner of the property to correct. The leaking sewer lateral illicit discharges are laterals that are properly connected to the sewer system; however, testing of the sewer laterals by the Commission verified that they leak sewage into the drain system. The methods used by the Commission to eliminate illicit discharges are described in more detail in the IDDE Plan.

In November 2012, the Commission amended its Sewer Lateral Assistance Program to provide financial assistance to property owners to line or relay leaking sewer laterals, including those sections on private property. Under the program, owners of verified leaking sewer laterals may be reimbursed up to $4,000 to have a licensed bonded contractor line or relay their leaking sewer lateral. A leaking lateral must be lined or relayed from inside the building foundation to the public sewer in the public way. To obtain reimbursement the lateral must be verified as leaking by the Commission and the owner must obtain three or more quotes from contractors to repair or relay the leaking

lateral. The Commission reviews the submission, the owner signs a waiver, and the Commission authorizes the owner to proceed with the work. After the owner reports repair of the sewer lateral the Commission or its contractor performs a dye test to confirm that the lateral is not still leaking into the drain system.

2.7 SUPPLEMENTAL ENVIRONMENTAL PROJECT

In accordance with the terms of the Consent Decree, the Commission implemented a Sewer Lateral Lining Program Supplemental Environmental Project (SEP). The project was undertaken in connection with the settlement of an enforcement action, Conservation Law Foundation and the United States of America v. Boston Water and Sewer Commission, *et al*., taken on behalf of the U.S. Environmental Protection Agency under the Clean Water Act.

As required by Section VIII of the Consent Decree, the Commission agreed to line a minimum of twenty-five (25) laterals and spend a minimum of $160,000.00 by December 31, 2014. The Commission completed all construction activities for the SEP contract on December 10, 2014. The Commission structurally lined twenty-six (26) leaking laterals at a total cost of $237,149.00. Two laterals inspected under the SEP could not be lined due to their condition. The two laterals were fully relayed at an additional cost $33,195.00. Lining and repair of the laterals removed an estimated 1,950 gallons per day of sewage from the Commission's drainage system. The Commission filed its SEP Completion Report pursuant to Section VIII, Paragraph 69 on December 23, 2014.

2.8 2016 ILLICIT DISCHARGE REMEDIATION SUMMARY

This section summarizes the Commission's 2016 Illicit Discharge Identification and Elimination Program. Table 2-9 lists the direct illicit connections that were outstanding (not corrected) as of January 1, 2016; it includes those that were verified and corrected in 2016, and it includes those that were verified but not corrected at the end of 2016.

Table 2-10 lists the indirect illicit connections (verified leaking laterals) that were outstanding (not corrected) as of January 1, 2016; it includes those that were verified and corrected in 2016; and it includes those that were verified but not corrected at the end of 2016.

Below is a summary of 2016 Illicit Discharge Remediation Program.

2016 Illicit Discharge Remediation Program Summary

Direct Illicit Connections Outstanding as of January 1, 2016 13

Direct Illicit Connections Verified in 2016 31

Direct Illicit Connections Corrected in 2016.....42

Direct Illicit Connections Outstanding December 31, 2016.....2

Leaking Laterals Outstanding as of January 1, 2016[3].....19

Leaking Laterals Verified in 2016.....35

Verified Leaking Laterals Repaired in 2016.....44

Verified Leaking Laterals End of 2016-Water is Shut Off.....3

Verified Leaking Laterals Outstanding as of December 31, 2016.....7

Locations with both Direct Illicit Connections and Leaking Laterals Listed January 1, 2016[4].....4

Locations with both Direct Illicit Connections and Leaking Laterals Identified in 2016.....6

Locations with both Direct Illicit Connections and Leaking Laterals Corrected in 2016.....7

Locations with both Direct Illicit Connections and Leaking Laterals Outstanding December 31, 2016.....3

In 2016, a total of 31 new direct illicit connections were verified; 42 direct illicit connections were corrected in 2016. Of the direct connections corrected in 2016, 23 were corrected by a Commission contractor and 19 were corrected by the property owner. In 2016, a total of 35 leaking laterals were verified; 44 leaking laterals were repaired by the property owners in 2016. In 2016, ten (10) locations were determined to have both a

[3] Four (4) locations on Leaking Lateral Outstanding List as of January 1, 2016, were determined to have both illicit connections and leaking laterals. These are now listed under "Locations with both Direct Illicit Connections and Leaking Laterals" below.
[4] Four (4) locations were just on the list of leaking laterals as of January 1, 2016.

direct illicit connection and a leaking lateral. Of the ten (10) locations with both direct illicit connections and leaking laterals, seven (7) were corrected/repaired.

In total there were 108 direct connections or leaking laterals verified in 2016. Of those, 93 were corrected or repaired. Three (3) locations have had the water shut off due to a leaking sewer laterals. As of the end of 2016, twelve (12) illicit discharges remained uncorrected or not repaired.

Calculations of cost to remove illicit discharges

Tables 2-9 and 2-10 also provide the costs to the Commission to correct or repair illicit discharges in 2016. The cost to the Commission to correct 25 direct illicit connections was $336,364. The cost to the Commission to verify 51 leaking sewer laterals was $102,364. The cost to the Commission to reimburse owners to repair 42 leaking laterals was $75,650.

In total, $606,378 was expended by the Commission to verify and correct or repair 93 illicit discharges in 2016. These costs do not include: (1) the cost of permits, inspection fees, pavement restoration or police details; (2) costs incurred by the Commission to clean and televise sewer mains adjacent to suspected leaking laterals before they were tested; (3) costs covered by property owners who were responsible for making corrections to direct internal connections on their own property; and (4) costs to owners to repair leaking laterals over and above what was reimbursed by the Commission.

Calculations of sewage removed

The Commission estimates the wastewater removed by elimination of an illicit discharge based upon water use records for the property where the illicit discharge was located. Average daily water consumption is calculated based on the previous 24 month period. For direct illicit connections it is assumed ten (10) percent of the water is consumed and only ninety (90) percent discharges to the drain system. If only a portion of the building contributed to the direct illicit discharge the figure is adjusted accordingly. It is not possible to know exactly how much sewage is leaking into a drain from a leaking sewer lateral. So the Commission makes a best estimate. For a leaking sewer lateral it is assumed that, because a proper sewer lateral exists at the location, only one-third (33%) of the sanitary flow is entering the drain system from the leaking lateral.

Due to the Commission's efforts in 2016, an estimated 10,920 gallons per day (gpd) of wastewater was removed from the storm drainage system and receiving waters by correcting direct illicit connections, and an estimated 7,215 gpd of wastewater was removed from the storm drainage system and receiving waters by repairing leaking laterals. In total, an estimated 18,135 gpd of wastewater was removed from the storm drainage system and receiving water by correcting or repairing illicit discharges in 2016.

3.0 STORMWATER MANAGEMENT ACTIVITIES

The Stormwater Management Program consists of a variety of programs, activities, and best management practices aimed at preventing the discharge of pollutants to storm drains and receiving waters. These measures include maintenance, structural, managerial, regulatory, and educational programs. Key elements of the Commission's Stormwater Management Program and Stormwater Management Plan implementation are described in this section.

3.1 OPERATION AND MAINTENANCE OF STRUCTURAL CONTROLS

Combined sewer overflows, sanitary sewer overflows, sewage infiltration into storm drains and system backups can be prevented by maintaining the capacity and structural integrity of the sewerage and drainage systems. The Commission accomplishes this by cleaning, repairing or replacing sanitary and combined sewers and storm drains, separating combined sewers, preventing and correcting sewer system overflows, and by preventing and removing infiltration and inflow to the sewer system. To determine where structural deficiencies exist and where repairs are needed the Commission performs television inspections of sewers and drains.

Pursuant to the Consent Decree the Commission performed a Capacity Management, Operations, and Maintenance Program (CMOM) Assessment or "Self-Assessment", and submitted a Self-Assessment Report and Corrective Action Plan to EPA in July, 2013. The purpose of the Self-Assessment was to assess the overall performance of the Commission's collections system and determine whether improvements were necessary to maintain the collection system and prevent future sewer system overflows. It included, but was not limited to, the evaluation of operations, maintenance, emergency response, collection system performance, communications, financial and capital planning. The Corrective Action Plan described the findings of the Self-Assessment and identified specific short and long-term actions to be taken by the Commission to remedy deficiencies identified by the Self-Assessment.

In 2014, the Commission completed a CMOM Program Document (Program Document). The Program Document summarized the Commission's existing and planned preventative, corrective and capital planning practices for supporting its CMOM Program going forward, and consolidated all of the Commission's collection system preventative maintenance and capital improvement plans into a single document.

a. Storm Drain and Sewer Maintenance by BWSC Staff

The Commission's Operations Division is responsible for smaller sewer and drain related repair, maintenance and cleaning jobs, as well as some television inspections of sewers and drains. In 2016, the Commission owned five (5) large and one (1) small "vactor" cleaning trucks to clean accumulated materials from sewers and drains, six (6) jet trucks, two (2) multi-rodder trucks, and two (2) CCTV trucks. In 2016, the Commission jetted, vactored or rodded 448,846 linear feet of pipe. To determine where structural deficiencies exist and where repairs are needed, Commission crews and contract forces performed television inspections of 511,000 linear feet of sewer and drain pipe in 2016. This is 14% more than what was televised in 2015.

In conjunction with the storm drain and catch basin cleaning programs, the Commission routinely clears debris from twelve (12) brook inlets and outlets throughout the City. Since the primary purpose of this practice is to prevent upstream flooding, the cleaning is typically performed immediately prior to major storm events and usually they are checked after storm events to determine if follow up cleaning is needed. The locations and frequency of cleaning is provided in Table 3–1.

b. Catch Basin Maintenance

The Commission has over 30,000 catch basins in its sewer and drainage systems. Other catch basins in the city are owned by other public agencies such as the state Department of Conservation and Recreation, Mass Department of Transportation, or are located on private property. The Commission currently owns five (5) clamshell trucks.

Commission catch basin cleaning forces have been augmented by contract resources and equipment since 2001. In 2016, the Commission and contract resources performed 21,763 inspections/cleanings. Catch basin cleanings are transported to the Commission's Material Handling Facility where they are temporarily stored to de-water until transferred for proper off-site disposal/reuse at an approved disposal facility. In 2016, the Commission removed approximately 3,826 tons of debris from catch basins, as recorded at the Commission's Material Handling Facility.

c. Commission Particle Separators

The Commission currently owns sixteen (16) particle separators. Information regarding the various particle separators, including their locations, receiving waters, and inspection and cleaning dates in 2016 is summarized in Table 3-2. All sixteen (16) particle separators were inspected in 2016. Of those, nine (9) were cleaned removing an estimated three (3) cubic yards of material. A tenth particle separator was cleaned but the amount of material removed was not recorded.

d. Large Storm Drain and Sewer Programs under BWSC's CIP

Large cleaning and maintenance jobs are performed by outside contractors under the Commission's Capital Improvement Program. The Commission's three-year Capital Improvement Program (CIP) is updated annually. The 2016-2018 CIP included $90.3 million for sewer and drain related projects, of which $37.53 million was earmarked for 2016. A copy of the 2016-2018 Capital Improvement Program is available from the Commission's website and upon request from the Commission.

3.2 SEWER SYSTEM OVERFLOW CONTROL AND RESPONSE

In compliance with the Consent Decree the Commission has improved its response and oversight over sewer system overflows (SSOs). On September 23, 2012, the Commission instituted a program (including IPad application and Oracle SSO database) to track and report all public and private SSOs to EPA and DEP within 24 hours pursuant to Part E of the Consent Decree. Prior to the programs commencement, the Commission performed internal training of Commission personnel in Engineering Services and Operations Division related to SSO response.

On November 21, 2012, the Commission submitted an SSO Emergency Response Plan (SSOERP). The objective of the SSOERP is to provide a standardized set of actions for the Commission to follow in the event of an unpermitted discharge (overflow) from the sanitary and combined sewer system. In addition, the implementation of the SSOERP accomplishes the following objectives:

- Minimize an SSO's impact on public health, public safety, and property damage.
- Comply with regulatory and enforcement reporting and public notification requirements.
- Minimize the reoccurrence of SSOs.
- Minimize the Commission's liability.

The following elements are included in the SSOERP:

- Description of the types of sewers and discharges addressed by the SSOERP.
- An outline of the Commission's collection system inventory and staff, equipment and hardware/software for responding to SSOs.
- Procedures for receiving notifications of a possible SSO, and protocols for internal notifications about confirmed SSOs with the Commission's collection system and initial notifications to DEP, EPA and other authorities such as the MWRA.
- Procedures for responding to SSOs.
- Procedures for documenting and reporting SSOs.
- Descriptions of the means of notifying the public affected by an SSO.
- Description of the activities to be taken after an SSO has been remedied.
- Objectives and methods for training and preparing staff in regards to the SSOERP.

Once it has been confirmed that an SSO is the responsibility of the Commission, within 24 hours the Commission notifies EPA and DEP. EPA and DEP are notified for any privately caused SSO exceeding 100 gallons or any amount not contained inside the building or discharging to the environment. Other parties may be notified depending on the extent and potential impact of the overflow.

Within five days of an SSO, BWSC completes a post-remediation investigation of the SSO and submits it to DEP. The report includes a characterization of the SSO and a discussion of the planned actions to prevent recurrence.

In 2016, the Commission responded to, investigated, and/or reported to EPA and DEP, a total of 345 SSO events including 131 reportable SSO events (71 public SSOs, 59 reportable private/building backups, and 1 dry weather combined sewer overflow) and 214 non-reportable private/building backup events. Details regarding SSOs addressed by the Commission are provided in the Commission's semi-annual Consent Decree Compliance Reports. Information regarding SSOs and maps showing the locations of recent SSO events are also provided on the Commission's website.

3.3 ILLEGAL DUMPING AND EMERGENCY SPILL RESPONSE

The Commission's Sewer Use Regulations prohibit the dumping of any material into a catch basin, including any solid waste, construction debris, paint or painting product, antifreeze, hazardous waste, oil, gasoline, grease and all other automotive and petroleum products, solvents and degreasers, drain cleaners, commercial and household cleaners, soap, detergent, ammonia, food and food waste, grass or yard waste, leaves, animal feces, dirt, sand, gravel or other pollutant. Illegal dumping to catch basins carries a fine of up to $5,000 per day of violation under the Commission's Sewer Use Regulations.

Commission crews are available 24-hours a day to assist the Department of Environmental Protection, the Boston Fire Department and the U.S. Coast Guard in determining where a hazardous spill has entered or could potentially enter the Commission's wastewater or storm drainage systems. If the spill has entered either system, Commission personnel determine how far the contamination has traveled and whether there is the risk of an overflow to a waterway. The Commission also attempts to trace the spill upstream to locate and identify its source. When the source of the spill cannot be determined, the Commission pays for a licensed contractor to clean up the spill.

In 2016, the Commission responded to 36 reports of a potential spill, leak, or report of illicit dumping. Table 3–3 lists the incidences to which the Commission responded in 2016. No violation/enforcement notices or fines were issued for spills, leaks or dumping in 2016.

3.4 DRAINAGE DISCHARGE PERMITS

Article C, Section 5 of the Commission's Sewer Use Regulations describes the discharge prohibitions and restrictions applicable to the Commission's storm drainage system. Under the Sewer Use Regulations any discharge of wastewater or other waters not composed entirely of stormwater into a building storm drain or a Commission storm drain is prohibited, except as authorized by the regulations. Authorized discharges include discharges for which the owner has obtained both a Drainage Discharge Permit from the Commission and an NPDES Permit or NPDES Permit Exclusion from EPA, as well as such discharges as river or stream flow, rising groundwater, uncontaminated groundwater, waters from hydrant flushing, and other potable water sources associated with the maintenance of the water distribution system or firefighting, irrigation water, and street and pavement wash waters.

Discharges requiring a Drainage Discharge Permit include permanent subsurface drainage, non-contact cooling water, non-contact industrial process water, or waters associated with hydrological testing, groundwater treatment/remediation, and removal and installation of an underground storage tank. The Commission may deny or condition a Drainage Discharge Permit to prevent the discharge of contaminants to the storm drainage system. Failure to obtain a Drainage Discharge Permit from the Commission carries a fine of up to $1,000 per day of violation under Sewer Use Regulations. In 2016, the Commission issued fourteen (14) Drainage Discharge Permits for discharges to storm drains.

The requirements for Drainage Discharge Permits are described in the Commission's Requirements for Site Plans, and developers and potential dischargers are informed of the requirements when they request a General Service Application for a building sewer or building storm drain connection. In addition, owners and developers are informed of the Drainage Discharge Permit requirements through comment letters submitted by the Commission to Massachusetts Environmental Policy Act (MEPA) Unit and the Boston Planning and Development Agency in response to Environmental Impact Reports.

3.5 DEVELOPMENT AND REDEVELOPMENT

a. Sewer Use Regulations and Site Plan Review

The majority of the Commission's stormwater management controls are enforced through its Regulations Governing the Use of Sanitary and Combined Sewers and Storm Drains (the Sewer Use Regulations). The Sewer Use Regulations were adopted in 1983 and amended in 1989. They were amended again in 1998 to strengthen and clarify the requirements, particularly as they pertain to stormwater discharges. In 1998, the Commission also amended its Penalty Schedule by adding and increasing the fines for several Sewer Use Regulation violations.

The Commission requires that a General Service Application and a site plan be submitted for every new or reconstructed water, sewer, or storm drain service connection. The

Commission's Requirements for Site Plans assist developers, builders, architects, engineers, and others in preparing site plans that conform to the Commission's Sewer Use Regulations and to help them secure the necessary approvals from the Commission.

The site plan must be approved by the Commission's Chief Engineer before construction may begin, and it will not be approved unless it complies with the Commission's Requirements for Site Plans and Sewer Use Regulations. The site plan review provides an opportunity to review the components of the project and condition the approval on compliance with the Commission's Sewer Use Regulations, Requirements for Site Plans, and other requirements. The Commission's Requirements for Site Plans are updated as needed, generally about once a year. In 2016, 635 site plans were approved by the Commission's Chief Engineer.

Requirements contained in the Sewer Use Regulations and Requirements for Site Plans relating to developments in Boston include the following:

Filing Notices of Intent and Stormwater Pollution Prevention Plans

The Commission's Requirements for Site Plans include provisions for stormwater management at Construction Sites (as defined in the Consent Decree). The Requirements for Site Plans specifically require construction site operators, where applicable, to file Notices of Intent with EPA for NPDES General Construction Permits, and they must submit to the Commission Stormwater Pollution Prevention Plans (SWPPP). Also, construction site operators, where applicable, are required to use and maintain appropriate structural and non-structural BMPs to minimize the discharge of pollutants from construction sites to the Commission's MS4. The Commission's Construction Site Inspection and Enforcement Program also requires regular updates regarding developers SWPPP activities.

Drain Layers License: Persons installing new building sewers and storm drains, or repairing or maintaining existing pipes must possess a Drain Layers License issued by the Commission. To obtain a Drain Layers License, persons must pass a written test given by the Commission. Test questions are typically drawn from the requirements provided in the Commission's Sewer Use Regulations, including those pertaining to illegal sanitary connections to storm drains, non-stormwater discharges, requirements for new construction and catch basin dumping. Drain Layers Licenses are renewed annually. The Drain Layers Licensing requirement provides the opportunity to educate drain layers in Boston as to the Commission's rules and regulations, including those pertaining to stormwater. Ten (10) new Drain Layers Licenses were issued in 2016, and 383 were renewed.

Inspections of New Connections: Connection of a building sewer to a storm drain is prohibited under the Commission's Sewer Use Regulations and carries a fine of up to $5,000 per day of violation. To ensure proper connection, the Commission requires that all new, repaired or modified service connections be inspected by a Commission inspector before the services are covered over by the contractor. Failure to have the

connection inspected before covering it over carries a fine of up to $750 per day under the Commission's Sewer Use Regulations.

As an added measure, new sewer connections must be dye tested by the Commission once construction is completed. Failure to have a new sewer connection dye tested carries a fine of up to $500 per day. The Commission may require that a repaired or modified service connection be dye tested. In 2016, the Commission performed 864 GSA related dye tests.

On-site Retention of Stormwater: Under the Commission's Site Plan Requirements and Sewer Use Regulations, developers of new projects are required to evaluate the feasibility of retaining stormwater on-site. On-site retainage of stormwater is required whenever site conditions permit as determined by the Commission. On-site retention of stormwater serves to limit peak discharge rates, recharge groundwater, and remove 80 percent of total suspended solids in the flow to the extent feasible. This requirement is consistent with the Department of Environmental Protection's Stormwater Management Policy which establishes standards for stormwater management for development, and the Commission's Stormwater BMP Guidance document.

In 2016, the Commission approved 469 site plans that included installation of a dry well or other type of infiltration device. Table 3–4 provides the addresses of the devices approved in 2016.

Controls for New Parking Lots: In order to prevent oil, grease and sediments from discharging to open waterways, the Commission may require developers to install particle separators on newly constructed storm drains that serve large outdoor parking areas. The Commission may require particle separators on existing storm drains from existing outdoor parking areas, where appropriate. This requirement has been in place since 1992.

Parking lot particle separators are typically located on private property; therefore, their maintenance is the responsibility of the property owner. Design criteria for particle separators are set forth in the Commission's *Guidelines for Developers for the Installation, Operation and Maintenance of Grit and Oil Separators,* a copy of which is included in the Commission's Requirements for Site Plans.

In 2016, the Commission approved 21 site plans that included installation of particle separators. Table 3–5 provides the addresses of the devices approved in 2016.

Drainage Discharge Permits: The Commission requires a Drainage Discharge Permit for all non-stormwater discharges to its drainage system, including construction site dewatering, permanent subsurface drainage, non-contact cooling water, non-contact industrial process water, and waters associated with hydrological testing, groundwater treatment/remediation, and removal and installation of an underground storage tank. The Commission may deny or condition a dewatering permit to prevent contaminated drainage from entering the sewer or drainage system. Failure to obtain a Drainage

Discharge Permit carries a fine of up to $1,000 a day under the Commission's Sewer Use Regulations. In 2016, the Commission issued fourteen (14) Drainage Discharge Permits for discharges to storm drains.

Infiltration/Inflow Control: Newly constructed and substantially renovated buildings must be constructed so as to minimize inflow and infiltration to the Commission's wastewater system. Stormwater, including roof runoff, must be kept separate from sanitary sewage at all times, and the connection of a building storm drain to a sanitary sewer is prohibited.

The Commission has a National Pollutant Discharge Elimination System (NPDES) Permit for its combined sewer overflows and is subject to the regulations [314 CMR 12.00, section 12.04(2)(d)]. The regulations require developers installing new sewer connections with design flows exceeding 15,000 gpd to mitigate the impacts of the development by removing four gallons of infiltration and inflow (I/I) for each new gallon of wastewater flow added. In this regard the Commission requires developers to develop consistent inflow reduction plans, or they can pay a fee to the Commission in lieu of implementing an I/I reduction project. The Commission uses the fees paid to implement capital programs for I/I reduction.

Erosion and Sedimentation Control: Under the Sewer Use Regulations, anyone seeking to construct, repair or modify a sewer or storm drain service connection to the Commission's system, or to discharge under a Drainage Discharge Permit, may be required to prepare and implement an Erosion and Sedimentation Control Plan to prevent the introduction of sediments into the Commission's sewers and storm drains.

Fuel Dispensing Areas: Under the Commission's Requirements for Site Plans, stormwater runoff from fuel dispensing areas not covered by a canopy or other type of roof or enclosure must discharge through a particle separator or an approved oil trap before discharging to the Commission's storm drainage system or receiving waters.

Catch Basin Castings: Commission contractors are required to install metal castings with a "Don't Dump" message on sidewalks near new or reconstructed catch basins. City of Boston contractors also install the castings when new sidewalks are installed. The castings are provided to city hired contractors by the Commission at no cost. The Commission requires that private developers install permanent "Don't Dump" catch basin castings next to any new catch basin installed as part of their projects. The developers, as well as other parties interested in obtaining the castings may purchase them from the Commission's vendor. In 2016, the Commission issued 897 catch basin castings to contractors and other parties. Of those issued, 566 were for Boston Harbor, 210 for the Charles River and 121 were for the Neponset River.

b. Development/Redevelopment Coordination with Boston Planning and Development Agency

The Commission's NPDES Stormwater Permit requires the Commission to "assist, coordinate, and cooperate" with city departments and agencies to ensure that development projects within Boston are conditioned on due consideration of stormwater quality impacts, that they conform to applicable state and local stormwater requirements, and that negative impacts to stormwater quality during the time construction is underway are prevented.

The Commission coordinates with the Boston Planning and Development Agency (BPDA) in regards to reviews of Environmental Impact Reports (EIRs) and Master Plans for large projects in Boston. Comments were submitted to the BPDA and/or the MEPA Unit for 79 projects in 2016. Copies of the letters were also sent to the Boston Environment Department and to the project proponents. The project proponents' were also informed of the comments by the BRA and MEPA Unit via the Scoping Determinations issued in response to the EIRs and Master Plans for the projects. The Commission refers to these comment letters when proponents come forth with their site plans for the projects.

Letters for 17 projects contained comments regarding the Commission requirements for particle separators. Letters for 50 projects contained comments about the Commission's requirement for retaining stormwater on site. Letters for 71 projects contained comments regarding the requirement for Stormwater Management Plans. Sixty-seven (67) letters contained comments regarding the requirement for 4 to 1 I/I reduction. If appropriate, the letters informed the proponent that a Drainage Discharge Permit may be required for any temporary or permanent non-stormwater discharge to the drainage system.

3.6 CONTROLS FOR CONSTRUCTION SITES

In compliance with its NPDES Permit and the Consent Decree, the Commission oversees stormwater discharges from construction sites. The Commission submitted to EPA a Construction Site Inspection and Enforcement Program (CSIEP) plan in 2012. The program plan set forth procedures for conducting inspection of construction sites, procedures for inspecting and monitoring stormwater Best Management Practices used at construction sites, described the means by which contractors and developers would comply with the Commissions requirements, EPA and DEP regulations and the Clean Water Act, and how the Commission would enforce its requirements. Implementation of the CSIEP commenced in December 2012.

The Commission Requirements for Site Plans specifically require construction site operators to file Notices of Intent (NOIs) with EPA for NPDES General Construction Permits, and submit to the Commission Stormwater Pollution Prevention Plans (SWPPP). Also, construction site operators, where applicable, are required to use and maintain appropriate structural and non-structural BMPs to minimize the discharge of pollutants from construction sites to the Commission's MS4.

In accordance with a 2012 Memorandum of Agreement (MOU) between the Commission and the City's Inspectional Services Department (ISD), the Commission and ISD continue to coordinate building permit issuance and site plan approval, whereby the Commission will not approve any construction site over one (1) acre unless the discharge permit has been approved. Also, ISD and the Commission continue to notify building permit and site plan applicants of the requirements to obtain NPDES Stormwater Permits for construction sites from EPA. The Commission notifies project planners of the requirement for NOIs and SWPPP when they submit site plans for projects and refers to the EPAs website to confirm whether NOIs have been submitted. The Commission also confirms that an NOI has been submitted and a SWPPP prepared when performing construction site visits. Information pertaining to the NOI and SWPPP requirements is included in the Commission's Requirements for Site Plans and are provided on the Commission's website.

In 2016, the Commission performed 213 site inspections of 44 construction projects. Three (3) violation notices were issued. Training for Commission staff on construction site inspections was provided via an American Society of Civil Engineers webinar on June 8, 2016.

3.7 INDUSTRIAL FACILITY STORMWATER POLLUTION PREVENTION

In compliance with its NPDES Permit and the Consent Decree, the Commission continues to implement the IFSPP Program. Under the program the Commission identifies and inspects industrial facilities that discharge stormwater to the Commission's drainage system from municipal landfills, hazardous waste treatment, storage, disposal and recovery facilities, facilities that are subject to EPCRA Title III, Section 313, facilities that hold, or are required to hold NPDES stormwater permits, and other industrial or commercial discharger that the Commission determines is contributing a substantial pollutant load to its drainage system.

A consultant (Stantec), under the direction of the Commission, initially developed and implemented the IFSPP program. In 2016, the Commission's Enforcement Department within the Operations Division assumed all duties with respect to inspections, enforcement and tracking of the IFSPP program. The Commission also included fees for inspection of industrial dischargers into its 2016 Rate Schedule adopted in December 2015.

Under the program the Commission maintains an inventory of industrial facilities and a database to track relevant information, including enforcement and corrective actions. In February, 2013, there were 1,760 potential industrial facilities on the inventory list. During the course of the program the list of industrial facilities has been refined. Businesses that have moved out of the city, closed, or had the incorrect Standard Industrial Classification codes have been removed from the inventory and new facilities have been added as they were discovered through research of records and site visits. The inventory continues to be refined and updated as inspection reports are evaluated.

The active number of industrial facilities on the inventory list at the end of 2016 was 279. In 2016, the Commission inspected 111 facilities. Summaries of inspections performed and enforcement action taken are provided in the Commission's semi-annual Consent Decree compliance reports.

3.8 ROADWAYS

As contained in its Enabling Act, the Commission's authority is limited to the operation and maintenance of the water distribution system and the wastewater collection and stormwater drainage systems which serve the City of Boston. The Commission's jurisdiction does not extend to the operation and maintenance of roadways. The Commission coordinates with officials from the agencies having the responsibility for the management of city roadways (Boston Public Works Department (PWD), Department of Conservation and Recreation (DCR), and Massachusetts Department of Transportation (MassDOT) as necessary to meet the requirements of the Commission's NPDES Stormwater Permit and the Consent Decree.

a. City of Boston Snow Removal and Road Deicing Practices

Snow plowing and road deicing of most of the public roads in Boston are the responsibility of the PWD. The PWD performs some of the snow removal operations on city streets and also has snow removal contracts. Snow is plowed to the side of the streets, but is not typically removed. A sodium chloride salt/sand mixture is used as a deicing agent, and application rates vary based on temperature and precipitation. Contractors use the City's supply of salt and sand during deicing operations. PWD officials have emphasized that public safety is their primary concern in determining how much sand and salt is applied to roadways and that weather conditions dictate application levels.

b. City of Boston Street Cleaning

Sweeping of city owned streets is conducted by the PWD or by its contractors. According to the PWD, the City has two programs for street sweeping: Posted Street Cleaning and Non-posted Street Cleaning. All non-posted streets are cleaned once a week or more if necessary. The Posted Sweeping Program is separated between a Night Program and a Daily Program. Sweepers also clean up before and after special events, such as parades, road races and neighborhood festivals.

The Night Sweeping Program includes an area from Massachusetts Avenue to the Waterfront that is swept on a nightly basis year round. The Night Sweeping Program also covers the City's major arterial routes throughout the City, which are swept once a week at night year round.

The Daily Street Sweeping Program typically operates from April 1st through November 30th. PWD recently expanded the Daily Street Sweeping Program in the Beacon Hill,

North End and South End, from March 1st through December 31st. Weather and budget conditions permitting, the program may begin earlier in the season and extend later into the fall. Each side of a posted city street on the Daily Street Cleaning Program is cleaned once every other week. Additional street sweepers may be contracted and city sweepers run more frequently during the fall leaf season.

Parking bans (signs) posted on streets serve to educate the public and to have vehicles removed on certain days so sweeping can be thorough. The parking bans are enforced by the Boston Transportation Department. If cars are not removed on designated days, owners can be fined. The fine for not removing cars on the designated days is currently $40, plus an additional $90 for tow, storage and fees.

Contractors are responsible for providing their own sweeping equipment and for disposal of the collected material. PWD requires its contractors to use vacuum type sweepers that have dust control systems and do not require water to operate. Because these types of sweepers don't require water, they can be operated year round, even in freezing conditions. The vacuum sweepers are believed to be more efficient at collecting smaller grit particles and dust. The new sweepers have saved the city thousands of gallons in water usage, and are in compliance with DEP regulations.

The PWD also has several small broom sweepers used to sweep small alleys and sidewalks. These sweepers are typically assigned to the more densely developed parts of the City, such as Chinatown, Downtown Crossing, and the North End.

The composition of the material swept up varies seasonally with sand and sediments from winter deicing activities being most evident in the spring, leaf litter during the fall months, and light litter predominating during the summer.

c. DCR/DOT Street Sweeping, Snow Removal and Road Deicing Practices

Roads maintained by the DCR such as the Soldiers Field Road, VFW Parkway, Storrow Drive, the Riverway and the Fenway are served primarily by separate storm drains which are owned and maintained by the DCR. DCR drainage systems in Boston are subject to the EPA's Stormwater Phase 2 program. DCR's stormwater management program includes "good housekeeping" measures, such as street sweeping of parkways, cleaning street drains and associated drainage systems and using control measures to protect sensitive receiving waters. Snow removal and deicing of DCR owned roads are managed jointly by the DCR and MassDOT. Snow removal and deicing of the Massachusetts Turnpike and the Central Artery and Tunnels is the responsibility of MassDOT.

3.9 PESTICIDE, HERBICIDE AND FERTILIZER APPLICATION

In 2001, the Commission completed an evaluation of existing measures to reduce the discharge of pollutants related to the application of pesticides, herbicides and fertilizers (PHFs) applied by municipal or public agencies. The Commission also evaluated the necessity to implement controls to reduce the discharge of pollutants related to the

application and distribution of PHFs by commercial and wholesale distributors and applicators. The Commission performed evaluations of existing programs and data in 2001, and reported the results in the 2001 Stormwater Management Report. From the results of the evaluation, it was concluded that additional monitoring and controls for PHF use by municipal agencies and their contractors and for commercial and wholesale distributors was not warranted. Discussion of this analysis can be found in Section 3.6 of the 2009 Stormwater Management Report.

3.10 OTHER NON-STRUCTURAL STORMWATER MANAGEMENT MEASURES

a. Used Motor Oil and Paint Collection Centers

To decrease the amount of illegally disposed of paint and motor oil, the City of Boston Public Works Department (PWD) hosted four (4) Saturday drop-offs for used motor oil and surplus paint from 9 AM to 1 PM in 2016, at the following locations:

- May 14, Roxbury Public Works Yard
- June 18, Hyde Park Public Works Yard
- July 16, Brighton Public Works Yard
- August 13, East Boston Public Works Yard

The events were promoted through the City of Boston's web site and a new "Trash App" which is available to download on any smartphone. The Commission's May/June issue of *Currents* promoted the May and June events. A copy of the May/June *Currents* is provided in Appendix B and on the Commission's website.

b. Household Hazardous Waste Collection

To decrease the amount of illegally disposed of household hazardous waste, the City of Boston Public Works Department (PWD) hosted four (4) Saturday drop-offs for household hazardous waste from 9 AM to 2 PM in 2016, at the following locations:

- May 7, UMass Boston
- June 25, West Roxbury Public Works Yard
- July 23, Boston Public Works Yard, Frontage Road
- November 19, West Roxbury Public Works Yard

The events were promoted through the City's web site, local newspapers, and on signs posted in neighborhood business centers. The Commission's May/June and September/October (for the November 19 event) issues of *Currents* included information promoting the City's hazardous waste drop-off days. Copies of the *Currents* issues are provided in Appendix B and on the Commission's website.

c. Yard Waste/Composting

The Boston Public Works Department provides curbside collection of leaves and grass clippings in the residential sections of the city each year. Yard waste is collected by Public Works on the same day of week that weekly recycling is picked up. Collection starts April 1 to the first week in December. The Commission's March/April and September/October issues of the *Currents* newsletter promoted the 2016 collection effort. A copy of the March/April and September/October *Currents* issues are provided in Appendix B and on the Commission's website.

d. Pet Waste

The City's dog fouling regulation, Section 16-1.10A of the Boston City Ordinances, also called the "pooper scooper law," requires dog owners to remove and properly dispose of the waste left by their dog. Penalties under the ordinance are $50.00 for failure to produce a means of removal and $50.00 for failure to pick up the waste. The Animal Control Unit in the Boston Property and Construction Management Department is responsible for enforcing the dog fouling ordinance. It is also responsible for following up on reports of vicious dogs, ensuring dogs are properly licensed and leashed, and other animal control issues.

To encourage dog owners to pick up after their pets and properly dispose of the waste, the Commission's May/June *Currents* issue included information regarding proper disposal of pet waste. A copy of the May/June issue is provided in Appendix B and on the Commission's website.

The Commission maintains a YouTube channel to host its public service announcements. In 2016, the video/public service announcement entitled "Scoop the Poop", continued to be posted on the Commission's YouTube channel. It was viewed 2,113 times in 2016.

e. Site Cleanliness Ordinance

To address litter and rodent control problems, the City of Boston instituted a Site Cleanliness Ordinance in 2000. Under this ordinance, all businesses and large residential establishments using bulk dumpsters, including food and beverage establishments, automotive establishments, and bulk refuse container storage lots, must obtain a Site Cleanliness License from the Boston Inspectional Services Department (ISD). The application for a license must include a site plan showing the location of the dumpster, a plan and schedule for maintenance, a copy of the solid waste disposal contract, and a copy of a rodent/pest control contract. An additional license is required from the PWD if the dumpster is located on a public way.

Inspectional Services officials perform annual inspections of establishments with any license issued by the Department, including a Site Cleanliness license. The Site Cleanliness license will not be renewed unless and until the establishment's dumpster complies with the city ordinance.

Failure to comply with the Site Cleanliness Ordinance and obtain a Site Cleanliness license may result in fines of up to $1,000 a day. Repeated violations may result in closure of the business.

3.11 PUBLIC EDUCATION

On May 17, 2013, the Commission submitted a Public Education and Outreach Program (PEOP) Plan to EPA for review and approval. The document described the Commission's plans for updating its public education and outreach efforts pursuant to Paragraphs 59, 60, 61 of the Consent Decree. The PEOP Plan was approved by EPA in a letter dated April 22, 2014. Various components of the Commission's PEOP Program as they pertain to stormwater are described in this section.

a. Commission Web Site

The Commission's web site, located at www.bwsc.org, has been greatly enhanced and provides a variety of information concerning the Commission's programs, activities, and requirements. It provides the Commission's Sewer Use Regulations and Site Plan Requirements, a page on Stormwater Management with links to past annual stormwater reports, information regarding Stormwater BMP Guidance Document (http://www.bwsc.org/ABOUT_BWSC/systems/stormwater_mgt/Stormwater%20BMP%20Guidance_2013.pdf), a description of BWSC's Downspout Disconnection program, Grease Trap Guidelines, and the like, as well as a community outreach and education section including pollution prevention advice for residents, businesses and construction, and pet owners.

The new 'We Are All Connected" website was launched in November, 2015, with an interactive homepage to engage visitors. Icons and pop up messages provide a preview of the educational content within. The four new sections with videos imbedded are: Stormwater, Wastewater, Tap Water and Resources.

b. Currents/Billing Inserts

On a bi-monthly basis in the water and sewer bills, the Commission provides customers with an informational newsletter called *Currents*. Copies are also available from the Commission's website and at community outreach meetings. The newsletter is aimed at providing customers with useful information concerning the Commission's programs and activities. Issues of *Currents* announce upcoming events such as the Commission's community outreach meetings and city sponsored events such as household hazardous waste, oil and paint collections. In addition, articles feature tips on pollution prevention, and proper disposal of used motor oil, antifreeze, household hazardous materials, yard debris, pet waste and other wastes.

Issues of *Currents* in 2016 featured the following items:

- March 2016 Bill Message – Disposable wipes, even those labeled "flushable" should be disposed of in the trash, not flushed down the toilet.
- April 2016 Bill Insert - Backwater Valve / Don't Dump! Report Illegal Dumping
- April 2016 Bill Message - Dog owners citywide can help prevent the contamination of beaches and other waterways from dog waste by picking up after their pets. Visit www.bwsc.org for more information.
- May/June 2016 Currents – Help Improve Water Quality Scoop the Poop

  Quick Tips for Disposing of Pet Waste
  Motor Oil Drop Off and Paint Swap Shops
  Household Hazardous Waste Drop-Off Day

- May 2016 Bill Message - A sanitary sewer overflow (SSO) is an unintentional discharge of untreated sewage into the environment or a property. If you encounter a sewer overflow, call BWSC's 24 Hour Emergency Service at 617-989-7000.
- June Bill Insert 2016 – Reduce Chemical Use: Phosphate-free Car Soap and Low Phosphate Fertilizer / Household Hazardous Waste Drop-Off Days
- June 2016 Bill Message - To prevent pollution of local waterways, report illegal dumping into storm drains. If you observe someone dumping into a storm drain, report it immediately to BWSC at 617-989-7000.
- July - Currents - Proper Use and Disposal of Pesticides and Fertilizers - Check Your Vehicle for Leaks - Report Open Fire Hydrants - Get a Water Conservation Kit.
- August - Bill Insert: Lead in Drinking Water brochure
- September -Currents - Household Hazardous Waste Days - Leaf & Yard Waste Curbside Collection - Clear Catch Basins of Leaves and Debris.
- October - Billing Insert: Backwater Valve
- November - Currents - FOG - Cool It-Can It- Trash It - Free Reusable Grease Can Lid
- December - Billing Insert: Neighborhood Site Card - Keep Wipes out of Pipes - Residential Cross Connection

Copies of the *Currents* issues and the inserts are provided in Appendix B and on the Commission's website.

c. Bill Messages

The Commission inserts messages onto its water/sewer bills to its customers to notify them of program and information that impacts the environment. The target audience is typically owners. The following messages were inserted on bills in 2016:

- March – "Disposable wipes, even those labeled "flushable" should be disposed of in the trash, and not flushed down the toilet."
- April - "Dog owners citywide can help prevent the contamination of beaches and other waterways from dog waste by picking up after their pets. Visit www.bwsc.org for more information."
- May - "A sanitary sewer overflow (SSO) is an unintentional discharge of untreated sewage into the environment or a property. If you encounter a sewer overflow, call BWSC's 24-HOUR Emergency Service at 617-989-7000."
- June - "To prevent pollution of local waterways, report illegal dumping into storm drains. If you observe someone dumping into the storm drain, report it immediately to BWSC at 617-989-7000."
- July – "Illegal use of fire hydrants can impede the emergency response of firefighters. Do not open fire hydrants."
- August – "Some homes may have elevated lead levels in their drinking water. Lead can pose a significant risk to your health. Please read the enclosed notice and visit www.bwsc.org for further information. Algunas viviendas tienen niveles de plomo muy elevados en su agua potable. El plomo puede ser un riesgo considerable para salud. Les rogamos que lea el aviso para mas informacion.
- September - "Check your vehicle for leaks. Automotive fluids can enter the storm drain system, contaminate runoff, and pollute local waterways. Visit www.bwsc.org for more information."
- October – "Autumn can be a rainy season. To prevent flooding in your neighborhood, clear leaves, trash, and debris from the top of storm drains."
- November - BWSC's Customer Services Department will be close at 5:00 PM on Wednesday, November 23, 2016.
- December - Avoid disposing of grease, including cooking oil and meat scraps into your plumbing system through sink drains or toilets. These items can cause sewer backups.

d. Social Media

Consistent with the Commission's Public Education and Outreach Program, the Commission's social media profiles have helped to distribute its environmental effort. The Commission's Facebook page had a total of 141 "likes" and the Twitter account gained 370 followers in 2016. The Commission also engaged frequently with users on NextDoor, a hyper-local social media platform that allows for direct and proactive

communication with residents in a particular neighborhood of the city. The following announcements were posted to NextDoor in 2016:

- July 27 - Water Main Flushing Notice
- August 30 - Sewer Maintenance along Arborway
- September 9 - Water Valve Replacement
- September 16 - Maintenance work by MWRA
- September 26 - Water Discoloration Due to Water Main Maintenance
- October 4 - AM Water Main Break
- October 14 - MWRA Leak Repair Work May Cause Discolored Water in Parts of Jamaica Plain
- October 17 - Street Access Restriction Due to Sewer Cleaning in Alley 431
- November 25 - Evening Water Main Flushing in West Roxbury
- November 28 - Mattapan Community Meeting

In coordination with its social media profiles, the Commission also maintains a YouTube channel to host its public service announcements. The following public service announcements were viewed during 2016 on YouTube:

- Keep FOG out of the pipes. Fats, Oils, and Grease causes sewer backups
- BWSC "WE ARE ALL CONNECTED" ENVIRONMENTAL HIP-HOP MUSIC VIDEO:
- Scoop the Poop
- FOG:
- Keep Wipes out of Pipes
- Where Does the Water Go?
- Downspout Disconnection
- Dudley Sewer Separation Project
- Stay Connected

Additionally, in 2016, the Commission created new videos and added them to its YouTube catalogue. These videos include:

- The Water Cycle
- Cool It. Can It. Trash It
- Waterways – BWSC Catch Basins

e. Public Service Announcements

In 2016, the Commission continued broadcasting Public Service Announcements (PSAs) on the Boston Neighborhood Network (BNN) cable station. The BNN channel provides

two cable access channels reaching three-quarters of Boston households in every neighborhood and demographic group of the city (188,230 households, or 425,400 potential viewers. The following PSAs were broadcast on BNN (which on average air 400 times per month) in 2016.

- January 2016 – Keep Wipes Out of Pipes
- February 2016 – Stormwater, where does the water go
- March 2016 – Pet Waste
- April 2016 – Fats, Oils and Grease (FOG)
- May 2016 – Keep Wipes Out of Pipes
- June 2016 – Stormwater, where does the water go
- July 2016 – Pet Waste
- August 2016 – Fats, Oils and Grease (FOG)
- September 2016 – Keep Wipes Out of Pipes
- October 2016 – Stormwater, where does the water go
- October 2016 -- Protecting Boston's Water & Sewer System
- November 2016 – Pet Waste
- December 2016 – Fats, Oils and Grease (FOG)
- December 2016 -- How to Keep Water in Pipes from Freezing

f. Educational Outreach

The Commission's Communications Department staff includes an Educational Coordinator that goes to a number of City of Boston public schools and camps to present information to students regarding water, sewer and stormwater. Communications staff also rovide education presentations to adults in elderly housing development, as part of civic groups and neighborhood organizations. In 2016, presentations were provided in English, Spanish, Cantonese, and Portuguese Creole. The Commission made presentations to the following number of groups/adults/schools/students in 2016:

- January – 2 groups, 21 students
- February – 2 groups, 36 students
- March -- 1 group, 232 students
- April – 4 groups, 180 students
- May – 6 groups, 354 students
- June - 7 groups, 957 students
- July– 4 groups, 14 adults; 2 schools (youth centers) 24 students
- August – 6 groups, 38 people; 4 schools, 104 students
- September – 8 groups, 89 people; 2 schools, 225 students
- October – 6 groups, 37 people; 6 schools, 321 students
- November- 11 groups, 116 people; 7 schools, 485 students

- December – 1 group, 2 people; 1 school, 60 students

g. Environmental Events

In 2016, the Commission was active at numerous public events and organized environmental functions relating to stormwater as follows:

- Judge at a Science Fair at Boston Latin Academy (January)
- Met with Boston Housing Authority (BHA) to continue collaboration with its REACH program and plan for 2016 presentations to promote healthy food initiatives and FOG campaign. (February)
- Table with information the Boston Public School Greenovate event (March)
- Participated in social media campaign and presentation with information - at the World Water Day Forum (March)
- Attended Charles River Watershed Association River Cleanup in Boston (April)
- Educated and engaged New England Aquarium volunteers in storm drain decaling – 375 Storm drains (April)
- Table with information at the Health and Wellness Summit at Wentworth (April)
- Attended Boston Public Schools Annual Wellness Summit and distributed FOG brochures to attendees. (May)
- Participated in Awards Ceremony at Deer Island in collaboration with the MWRA (May).
- Hosted a table at the Quincy Elementary School for its STEAM Expo. Presented educational information to 400 students (June)
- Participated in Sacred Heart, STREAM night- STEAM EXPO – and presented educational information to 700 students. (June)
- Presented a hands-on game "Building the Stormwater System" and the "Stormwater game" to 4 Boston Schools and City Events. Over 300 students have played the game.
- Distributed materials at Dudley Square Main Streets Breakfast, Grand Opening of Fisher Hill Reservoir Park (July)
- Delivered a presentation at Deer Island, Hyde Park Green Team, Boston Housing Authority's REACH Program, and to teachers at the Josiah Quincy School (July)
- Conducted a storm drain decaling seminar at Winn Properties Management. (July)
- Distributed materials at International Green Summit /GreenFest, and Casserly House's "BACK TO SCHOOL" event. (August)
- Presented at the Orchard Gardens Boys and Girls Club, Boston Housing Authority (Maloney Park, Franklin Field, Orchard Gardens' Unity Day), University of Massachusetts Boston. (August)

- Distributed materials at Boston Food Festival, New Market Business Association (September)
- Presented at the Boston University School of Public Health, Boston Housing Authority (Collins Development, Orient Heights), Back Bay Civic Association, Clean Boston Task Force, Mattapan Ecovation Center, University of Massachusetts (School for the Environment, Graduate Program in Urban Planning and Community Development), and at the Neponset River Cleanup (September)
- Presented at the Canoe Mobile(on Neponset River and at Charlestown Navy Yard) (October)
- Distributed materials at Charles Street AME Church Health Fair, and Blessing of the Dogs (at Temple Hillel B'nai Torah and Holy Cross Cathedral) (October)
- Conducted a storm drain decaling seminar at the Emerald Necklace, Reggie Lewis Center. (November)
- Distributed materials at the community meeting held at Knights of Columbus in Charlestown, Charlestown Open House-Citywide Collaboration. (November)
- Presented at the Neponset Stormwater Partnership Meeting, and West Selden & Vicinity Neighborhood Association's meeting. (November)
- Distributed materials at the Project Right, Inc. community meeting, Dudley Square Main Streets Meeting (December)
- Presented at the Mystic River Association Meeting (December)

In addition, the Commission continued use of its H2GO water wagon deployed at a number of public functions city-wide. The Commission's H2GO water wagon provides free water to the public but also provides the Commission an opportunity to promote its public education messages including FOG and other messages. The Commission displayed a sandwich board with environmental messages at many community events featuring the H2Go trailer during 2016, reaching residents and visitors. Two messages were displayed: 1) Don't Dump: Storm drains flow directly to Boston Harbor and our rivers, and 2) Scoop the Poop: Walking your dog? Take a plastic bag along to pick up pet waste.

h. Catch Basin Stenciling and Castings

Public awareness regarding the connection between catch basins and water quality is promoted through the Commission's Catch Basin Stenciling Program. Through the Catch Basin Stenciling, volunteers are mobilized to stencil "Don't Dump" messages next to catch basins. Upon request, the Commission coordinates stenciling projects and provides instruction, stencils, paint, rollers, brooms, informational leaflets, and safety equipment.

The Catch Basin Stenciling Program is promoted through the Commission's web site and billing inserts and through press releases, community events and outreach meetings, presentations to public schools, and through local watershed associations. In 2016, the Commission continued to work with schools within the City of Boston to mark curbs in

their neighborhoods with stencils and decals. In 2016, the Commission also continued to work with volunteers from the New England Aquarium to install decals on 786 storm drains around Boston Harbor.

Commission contractors are required to install metal castings with a "Don't Dump" message on sidewalks near new or reconstructed catch basins. City of Boston contractors also install the castings when new sidewalks are installed. The castings are provided to city hired contractors by the Commission at no cost. The Commission requires that private developers install permanent "Don't Dump" catch basin castings next to any new catch basin installed as part of their projects. The developers, as well as other parties interested in obtaining the castings may purchase them from the Commission's vendor. In 2016, the Commission issued 897 catch basin castings to contractors and other parties. Of those issued, 566 were for Boston Harbor, 210 for the Charles River and 121 were for the Neponset River.

3.12 SUPPORT FOR WATERSHED AND ENVIRONMENTAL AGENCIES AND ORGANIZATIONS

Each year the Commission provides funding to Watershed Associations and Environmental Organizations to support their water quality monitoring programs and public education efforts. The Charles River Watershed Association, Neponset River Watershed Association and Mystic River Watershed Association each received $10,000 from the Commission in 2016. The Boston Harbor Association received $10,000, and The Friends of Fort Point Channel received $5,000 from the Commission in 2016.

As needed and requested the Commission shares monitoring and rain gauge data, investigates reports of illegal connections or other non-stormwater discharges to waterways, participates in planning meetings, and provides technical advice.

4.0 STRUCTURAL BEST MANAGEMENT PRACTICES AND GREEN INFRASTRUCTURE

Under the Consent Decree the Commission must implement structural Stormwater Best Management Practices (BMPs) and Green Infrastructure (GI) measures to reduce the discharge of pollutants from the drainage system. The BMP and GI measures and activities implemented by the Commission in 2016 are described in this section.

4.1 STORMWATER MODEL

On December 28, 2012, as required under the Consent Decree, the BWSC submitted a Stormwater Model Report (Model Report) to EPA for review and approval. The Stormwater Model Report contained evaluations of sub-catchments, including the quantification of impervious surface area, directly connected impervious area ("DCIA"), population density, land use classifications, pollutant loading, and availability of suitable property for the implementation of stormwater BMPs. The Model Report contained a discussion of potential BMPs and GI available for possible implementation. It contained a discussion as to how the BMPs/GI would assure consistency with applicable TMDL wasteload allocations and the extent to which the BMPs/GI would prevent BWSC discharges from causing or contributing to a violation of water quality standards. The EPA approved the Commission's Stormwater Model Report on July 14, 2015.

4.2 STORMWATER BMP PROPOSAL AND PHASE I BMP IMPLEMENTATION PLAN

On February 1, 2013, as required under the Consent Decree, the Commission submitted to EPA a Stormwater BMP Proposal and Guidance Document which contained a suite of generic BMPs for implementation. Also, on May 17, 2013, the Commission submitted to EPA, DEP and CLF a Phase I BMP Implementation Plan. The Phase I BMP Implementation Plan (BMP Plan) contained recommendations and schedules for the implementation of specific BMPs and GI demonstration projects at Central Square-East Boston, Audubon Circle (Beacon Street/Park Drive area), and City Hall Plaza. The Phase I BMP Plan is available from the Commission's website at www.bwsc.org.

In 2016 the Commission continued to coordinate with City of Boston agencies on the development of the GI demonstration projects at Central Square and Audubon Circle. Construction of the Central Square project commenced in July, 2015, and installation of the sub-surface GI infrastructure was substantially complete in the latter part of 2016. Installation of the above ground GI infrastructure at Central Square will be complete in 2017. The design for the Audubon Circle project was completed in 2016. The Audubon

Circle project was put out to bid and awarded, and construction began in late 2016. In 2016 the Commission continued to coordinate with the Boston Planning and Development Agency and other parties regarding installation of Green Infrastructure at City Hall Plaza.

4.3 BMP RECOMMENDATIONS REPORT

Under the Consent Decree the Commission was required to submit a BMP Recommendations Report within 20 months following EPA's approval of the Commission's Stormwater Model Report. The EPA approved the Commission's Stormwater Model Report on July 14, 2015. Fifteen months later on October 12, 2016, the Commission submitted the BMP Recommendations Report (Recommendations Report) to EPA.

The Recommendations Report is a watershed-scale stormwater management plan that evaluates systematic implementation of BMPs to cost effectively achieve water quality goals. The Recommendations Report includes plans and schedules for implementing structural BMPs/GI in Boston aimed at reducing pollutant loadings in stormwater discharges sufficient to meet applicable total maximum daily loads. The recommended BMP plan includes the following main components:

- Through the Commission's site plan review and approval process continue to require new development and redevelopment projects to incorporate priority BMPs with high pollutant removal rates to treat 1-inch of runoff from the site prior to discharging into the Commission's MS4.
- Reduce pollutant loads from roads and other large impervious areas by partnering with entities such as MassDOT and the Department of Conservation and Recreation to incorporate BMPs into major transportation projects and highways.
- Identify large impervious areas for retrofit such as parking lots with areas greater than 10,000 square feet that present BMP opportunities.
- Collaborate with the Boston Transportation Department to expand Boston's Complete Streets Initiative and to further define green design guidelines and emphasize implementation of priority BMPs with high pollutant removal efficiency.
- Continue current illicit discharge detection and elimination (IDDE) program.
- Coordinate with neighboring towns to protect and/or restore streams' natural assimilation capability for water quality improvement.
- Retrofit BMPs in large open spaces on public lands, such as those owned by the Boston Public Schools and Boston Parks and Recreation Department.
- Expand public outreach efforts to promote or incentivize implementation of BMPs on residential properties.

The plan provided in the Recommendations Report outlines an adaptive management process that is carried out in three phases over a 30-year period. Each phase adapts to the knowledge obtained from the previous phase(s) via a comprehensive monitoring program and effectiveness evaluations of the completed implementation projects.

4.4 GREEN INFRASTRUCTURE FOR THREE TRIBUTARY AREAS

In 2016 the Commission contracted with three separate consultants to develop conceptual designs and prepare cost estimates for installation of Green Infrastructure in three areas of Boston tributary to the Charles River. The areas are: Canterbury Brook (1,115 acres); Lower Stony Brook (1,020 acres); and Allston/North Beacon Street (556 acres). The knowledge and experience gained pursuant to these projects will help guide Commission as it develops more detailed designs and schedules for installation of BMPs/GI citywide. As of the end of 2016 each of these projects was approximately half-way complete and locations for conceptual designs were being selected.

4.5 DAISY FIELD GREEN INFRASTRUCTURE

In 2015 Commission contracted with the University of New Hampshire Stormwater Center to assist the Commission in conducting a feasibility analysis and preparing a conceptual design for installation of GI at Daisy Field in Jamaica Plain. Daisy Field is owned by the City of Boston Parks and Recreation Department. The upstream tributary area and Daisy Field discharge to Leverett Pond through the Commission's outfall 18GSDO233. The project will involve installation of a subsurface gravel filter under the basement fields and a rain garden around the perimeter of the existing parking lot. The conceptual design was completed and coordination with the Boston Parks and Recreation Department regarding construction of the project continued through 2016. The final cost for the conceptual design of the Daisy Field GI was $47,000. The Commission's 2017-2018 CIP includes $2.5 million to construct GI at Daisy Field.

4.6 GREEN INFRASTRUCTURE AT FIVE BOSTON PUBLIC SCHOOLS

In 2015 the Commission contracted with a consultant to conduct site analyses, perform feasibility assessments, and design GI for five Boston public schools. Construction of GI at the Washington Irving Middle School commenced during the summer of 2016 and is expected to be completed in the spring 2017. Design for GI at the Rafael Hernandez school is approximately 95% complete. The project is expected to be bid in the spring of 2017 with construction to follow in the summer of 2017. GI designs for three remaining schools (David Ellis, Jackson/Horace Mann and the Kennedy Health Careers Academy) were approximately 75% complete at the end of 2016.

In 2016, the Commission worked with Boston public schools to develop stormwater related curriculum for 5th and 7th graders. The curriculum will be designed to use the GI (once constructed) to demonstrate various GI measures and to educate the students regarding GI benefits. The curriculum is expected to be completed in 2017. Final cost for the GI design and curriculum development is estimated at $234,651.

The Commission's 2017-2018 CIP includes funding to construct GI at the five public schools. The cost to construct the GI at the five schools is currently estimated at $1.5 million.

4.7 BOSTON COMPLETE STREETS INITIATIVE

The City of Boston has developed the Complete Streets Initiative, under which incorporation of green infrastructure into street designs is required. Green infrastructure includes greenscapes, such as trees, shrubs, grasses and other landscape plantings, as well as rain gardens and vegetative swales, infiltration basins, and paving materials and permeable surfaces. The Commission supports the City in this endeavor and coordinates with the City's Transportation Department as needed to implement the initiative. Information about the Complete Streets Initiative is available on the City's website at http://bostoncompletestreets.org/.

5.0 ASSESSMENT OF STRUCTURAL CONTROLS

Under the terms of its NPDES Stormwater Permit and to comply with the Consent Decree, the Commission must evaluate the effectiveness of structural Best Management Practices (BMPs) and Green Infrastructure (GI). This section describes the Commission's efforts in 2016 in that regard.

5.1 ASSESSMENT OF STORMWATER BMPS AND GI

The Central Square, Audubon Circle, City Hall Plaza, Three Tributary Areas, Daisy Field and Green Schools projects (described in Section 4), will include water quality sampling and monitoring to assess the effectiveness of the BMPs/GI structures installed. Assessments of other BMPs/GI will be performed as the structures are designed and installed by the Commission.

5.2 CATCH BASINS

The Commission relies on catch basins as the primary means for preventing the transport of sediments, debris, and other contaminants to storm drains and receiving waters. In 2016, Commission personnel and contract resources performed 21,763 catch basin inspection/cleanings. Catch basin cleanings are transported to the Commission's Material Handling Facility where they are temporarily stored to de-water until transferred for proper off-site disposal/reuse at an approved disposal facility. The amount of material removed from the Commission's catch basins in 2016 was approximately 3,826 tons, as recorded at the Commission's Material Handling Facility.

In 2001 through 2004, the Commission monitored sediment levels in several catch basins to evaluate their effectiveness in capturing solids. The results of the demonstration project (described in previous annual reports) indicated that a clean and well-maintained catch basin will remove between 10 to 33 percent of the total solids from stormwater flow through the basin. The data also suggested that a catch basin's ability to remove solids diminishes as the sump of the catch basin approaches half full. These findings are consistent with the conclusions of other similar studies reported in the literature.

Under the Commission's Catch Basin Inspection and Cleaning Program the sediment depths in one hundred catch basins were monitored between January 2002 and April 2003 to determine the factors that affect how quickly catch basins become full. Variables considered in selecting the catch basins to be monitored included slope, land use and the size of the tributary area, the type of road (highly traveled road vs. back road), and tree

cover. The selected catch basins were inspected four times each on a quarterly basis and the depth of sediment measured.

No statistically significant correlation between land use and accumulation rates was observed. Similarly, no correlation was observed based on slope, drainage area, or neighborhood characteristics. Some correlation with tree cover was observed, with the catch basins located in areas of denser tree coverage demonstrating as much as 50 percent higher accumulation rates as compared to basins with little or no tree cover. The data also exhibited a seasonal correlation, with the winter months demonstrating the highest accumulation rates.

Based on the findings of the Commission's catch basin effectiveness analyses, the Commission's catch basins should continue to effectively remove sediments from stormwater runoff, provided that sediment levels are not allowed to exceed one-half of the capacity of each catch basin's sump. In 2013, the Commission modified its catch basin and cleaning frequency consistent with its CMOM program.

5.3 PARTICLE SEPARATORS

The Commission currently owns 16 particle separators. All sixteen (16) particle separators were inspected in 2016. Of those, nine (9) were cleaned removing an estimated three (3) cubic yards of material. A tenth particle separator was cleaned but the amount of material removed was not recorded.

Information regarding the various particle separators, including their locations, receiving waters, and amount of material removed at each cleaning between 2005 and 2016 is summarized in Table 5–1. The cleaning data indicates that there are significant differences in the amount of material removed from each separator from year to year, although the reasons were unclear. There are many variables which could affect the amount of material retained in a separator, including frequency and intensity of rain and snow storms, land use, topography and size of the area tributary to the particle separator, season during which the separator was cleaned, and design factors.

The Commission typically uses a vactor truck with a vacuum hose to clean its particle separators and this equipment is not conducive to accurate quantification of material removed. The amount of material removed is estimated by the operator and not measured. Each operator may estimate the amount of material removed differently than others. For these reasons it is difficult to establish which factor(s) determine how well a particle separator removes solids, or why one particle separator appears to capture more sediment than another.

6.0 WATER QUALITY MONITORING

Monitoring the quality of flows within, and discharged from the storm drainage system enables the Commission to establish water quality under existing conditions, and to evaluate changes in quality of discharges over time. This Section describes the Commission current and past water quality monitoring programs.

6.1 OUTFALL MONITORING

The Commission is required to annually perform wet and dry weather field screening of its storm drain outfalls, CSO outfalls and storm drain manholes that discharge (interconnect) with other MS4 drain systems. The field screening program is described in more details in Section 2. The results of the water quality sampling performed for the screening are presented Tables 2-1 and 2-3.

6.2 URBAN RUNOFF WATER QUALITY PROJECT

Implementation of the Commission's Urban Runoff Water Quality Project continued through 2016. The project includes water quality sampling from manholes, outfalls, and gutters. Samples are being analyzed for bacterial indicators, Human DNA markers, Pharmaceuticals and Personal Care Products, nutrients and other commonly sampled stormwater parameters. The main purposes of the project is to explore the use and effectiveness of alternative parameters and methods for determining whether bacteria or ammonia in storm drains or outfalls are from non-human sources and to aid the Commission in determining where and to what extent non-human sources of bacteria and phosphorus may be contributing to contamination in the storm drain system. Findings from the project will aid the Commission in prioritizing where future illicit discharge investigations should be directed. The $581,939 project was about 50% complete as of the end of 2016. It is expected to conclude in 2017.

6.3 PAST WATER QUALITY MONITORING PROJECTS

On December 28, 2012, the Commission submitted a Stormwater Model Report to the EPA, DEP and CLF, as required under the Consent Decree. As part of the Stormwarer Model (Model) development, the Commission and its contractor CDM Smith performed extensive water quality sampling of the storm drain system. The Drain Model was used to estimate flows and loads for 13 key parameters, including nutrients, bacteria and metals. It was used to analyze a set of alternatives that aim to reduce loading of pollutants from the drain system to receiving waters. That analysis was performed as a starting point for more in-depth studies into the feasibility and expected benefits of implementing

stormwater Best Management Practices and Green Infrastructure measures in the City of Boston. The Drain Model was used to simulate the impacts of the alternatives on the loading of phosphorus and bacteria from select watersheds draining to different receiving waters.

In 2010, the Commission completed the Stormwater Quality Evaluation Program. Under the Stormwater Quality Evaluation Program, the same sites monitored during the first five years of the permit were monitored. The purpose of the monitoring was to evaluate how water quality had changed over time, and to try to determine pollutant sources. The Stormwater Quality Evaluation Program was completed near the end of 2010 and the final report was completed in May 2011 and previously reported. The full report is available upon request.

Other stormwater quality monitoring and demonstration programs required under the Commission NPDES Permit were completed within the Permit's first five years. Descriptions of those programs were provided in previous Stormwater Management Reports.

7.0 WATER QUALITY IMPROVEMENTS

The Commission's Stormwater Management Program is a compilation of programs, activities, and best management practices aimed at preventing the discharge of pollutants to storm drains and receiving waters. Water quality improvements attributable to the Commission's Stormwater Management Program are difficult to quantify, since many of the measures the program contains are non-structural, and are aimed at controlling the introduction of pollutants to the storm drain system at their sources, as opposed to end-of-pipe treatment. Therefore, the Commission typically assesses water quality improvements based on measures that are quantifiable, such as how much wastewater is removed from the drainage system when an illegal connection is eliminated, and how much sediment is removed from stormwater runoff by structural devices.

7.1 STORMWATER MODEL

In 2012, as required under the Consent Decree, the Commission used its Storm Drain Model to analyze a set of alternatives aimed at reducing loading of pollutants from the drain system to receiving waters. The analysis was performed as a starting point for more in-depth studies into the feasibility and expected benefits of implementing green infrastructure and low impact development (GI/LID) in the City of Boston. Alternatives considered included expansion of existing programs and policies, new GI/LID installations, street sweeping, baseline adjustments for illicit discharge removal, and combinations of various options. The alternatives modeling indicated that expansion of current programs and policies would measurably help the Commission comply with its NPDES Permit and meet the terms of the Total Maximum Daily Loads (TMDL) governing receiving waters. However, additional load reductions beyond what the existing programs and policies could achieve would be necessary.

The data and results of the Storm Drain Model analysis were included in the Stormwater Model Report submitted to EPA for review and approval in December 2012. The EPA approved the Commission's Stormwater Model Report on July 14, 2015.

The 2012 Storm Drain Model has the capability to evaluate pollutant loading reductions that result from the installation of stormwater Best Management Practices and Green Infrastructure (BMP/GI). However, the 2012 Storm Drain Model has not been updated to include pollutant reductions resulting from BMP/GI installed since March 2012. In 2016 the Commission continued to develop a database of public and private BMP/GI installed city-wide since March 2012. The database currently contains about 2,000 public and private BMP/GI features located throughout the city. In 2017 pollutant removal

estimates will be tabulated for each BMP/GI in the database and the reductions attributable to the various BMP/GI installed since 2012 will be incorporated into the Storm Drain Model. This will enable the Commission to evaluate water quality benefits resulting from the installation of BMP/GI installed since 2012.

7.2 POLLUTANT LOADINGS AND REDUCTIONS

In 2012, the Storm Drain Model was used to estimate mean annual loads for 13 water quality constituents, including nutrients, bacteria and metals. The annual loads were based on field data collected in 2011 and 2012. Table 7-1 presents the mean annual total loads for the Commission's 27 sub-drainage areas (referred to as "reporting areas"), as they were calculated in 2012.

The Storm Drain Model has been used as the basis to estimate reductions in bacteria and phosphorus resulting from the elimination of illicit discharges each year since 2013. Tables 7-2 through 7-5 present the annual load reductions for each of the 27 reporting areas described in the 2012 Stormwater Model Report. Table 7-2 presents the load reduction for each reporting area as December 31, 2013, with the load reduction encompassing illicit discharge removal activities throughout 2012 and 2013. Table 7-3 presents the load reduction for each reporting area as of December 31, 2014, with the load reduction encompassing illicit discharge removal activities throughout 2014. Table 7-4 presents the load reduction for each reporting area as of December 31, 2015, with the load reduction encompassing illicit discharge removal activities throughout 2015. Table 7-5 presents the load reduction for each reporting area as of December 31, 2016, with the load reduction encompassing illicit discharge removal activities throughout 2016. In these tables the total phosphorus and bacteria values presented are the difference that can be attributed to illicit discharge removal in those years.

Table 7-6 presents the annual loads by reporting area, based on conditions as of December 31, 2016. The numbers in Table 7-6 incorporate all reductions due to illicit discharge removals in 2012 through 2016.

7.3 ILLICIT DISCHARGE ELIMINATION

The Commission believes that eliminating illicit discharges to storm drains is the most environmentally beneficial and cost-effective means of improving water quality. The 2012 Drain Model report demonstrated that removing illicit discharges has a significant impact on water quality, especially bacteria and phosphorus loadings.

In 2016, the Commission eliminated 93 illicit discharges, thereby eliminating the discharge of an estimated 18,135 gallons per day (gpd) of wastewater to the drainage system and receiving waters. Between 1986, when the Commission first began correcting illicit discharges, and the end of 2016, the Commission removed 1,652 illicit discharges, thereby eliminating the discharge of an estimated total of 736,716 gallons of wastewater per day to the storm drainage system and receiving waters.

7.4 SEWER, DRAIN, CATCH BASIN AND PARTICLE SEPARATOR CLEANING

Cleaning of catch basins and particle separators helps to maintain their sediment removal effectiveness, and cleaning of storm drains helps to maintain their hydraulic capacity. In 2016, the Commission and its contractors removed an estimated 7,802[1] tons of material from the Commission's catch basins, particle separators and drains that might have otherwise ended up in local rivers and waterways.

7.5 BMPS ON PRIVATE PROPERTY

Under the Commission's Sewer Use Regulations and Requirements for Site Plans there are several provisions requiring the installation of structural BMPs by private entities. These are described below. As stated in Section 7.1, Commission will update the Storm Drain Model in 2017 to include pollutant reductions attributed to BMP/GIs installed since 2012 by private as well as public entities.

a. Privately Owned Retention/Infiltration Devices

On-site retainage and infiltration of stormwater is required for new and redevelopment projects, whenever site conditions permit, as determined by the Commission. Project developers are required to include a feasibility assessment for on-site retention of stormwater with the site plan submitted to the Commission for the project. On-site retention of stormwater serves to limit peak discharge rates, recharge groundwater, and remove 80 percent of total suspended solids in the flow to the extent feasible. This requirement is consistent with the DEP's Stormwater Management Policy which establishes standards for stormwater management for development.

On-site retention devices are usually owned by the owner of the property where they are located; as such, the owner is responsible for cleaning and maintenance. Owners of on-site devices are not required to provide data regarding solids removal rates to the Commission. However, the devices are expected to remove solids consistent with their designs.

In 2016, the Commission approved 469 site plans which included installation of a dry well or other type of infiltration device. The addresses of the devices approved in 2016 are listed in Table 3–4. Since 2000, 3,240 private development projects have included infiltration devices.

b. Privately Owned Particle Separators

In order to prevent oil, grease and sediments from discharging to open waterways, the Commission requires that developers install particle separators on all newly constructed storm drains that serve outdoor paved areas of 7,500 square feet in size or greater. The Commission ensures that particle separators on parking lots are included in the project

[1] Total for 2016, as measured at the Commission's Material Handling Facility.

design during site plan review. The Commission may require particle separators on existing storm drains from existing outdoor parking areas, where appropriate. This requirement has been in place since 1992.

Parking lot particle separators are usually owned by the owner of the property where they are located; as such the owner is responsible for their cleaning and maintenance. Owners of on-site particle separators are not required to provide data regarding solids removal rates to the Commission. However, the devices are expected to remove solids consistent with their designs.

In 2016, the Commission approved 21 site plans which included installation of a particle separator. The addresses of the devices approved in 2016 are listed on Table 3–5. Since 2000, 349 private development projects have included installation of particle separators.

8.0 ENFORCEMENT

The Commission pursues enforcement as necessary against violators of its illicit discharge regulations to remove illicit discharges and connections from the Commission's MS4 system. Enforcement commences as follows:

> Once the Commission verifies that an illicit discharge must be corrected by the owner of a property, the Commission mails an initial letter of enforcement to the owner. The letter directs the owner to contact the Commission within a given time frame (typically 10 days), submit a plan for correction within a designated time period (typically 30 days), and make the correction within a given time frame (typically 60 days). If the owner fails to respond, and/or does not correct the illicit discharge within those time frames, a second notice is issued. The second notice imposes a deadline or schedule for compliance (typically 30 days), and notifies the owners of fine assessments after a certain date for failure to comply.
>
> If the owner still fails to respond or does not correct the illicit connection within the timeline or schedule the Commission may issue a third notice. The third letter also imposes a deadline or schedule for compliance (typically 10 days), and notifies the owner of fine assessments after a certain date for failure to comply.
>
> If the owner still fails to respond or does not correct the illicit connections within the timeline or schedule identified in the third notice the Commission may issue a "Fifteen Day Notice", pursuant to Chapter 6, Section 6.3 of the Commission Billing, Termination and Appeal regulations for "Termination of Service". Under the Fifteen Day Notice, the owner is given 15 days to correct the illicit connection and notify the Commission. If the owner fails to respond to the Fifteen Day Notice and/or fails to correct the illicit discharge, the Commission mails to the owner, and posts on the premises of the illicit connection, a "Final Notice and Demand". If the owner fails to correct the internal connection within ten (10) days after the posting of the Final Notice and Demand, the Commission may issue fines to the owner and terminate water service.

In 2016, the Commission issued 137 enforcement notices to the owners of 59 properties with verified illicit connections or discharges to correct internal illicit connections or repair/replace a leaking lateral.

In 2016, the Commission responded to 36 reports of a potential spill, leak, or report of illicit dumping. Table 3–3 in Section 3 lists the incidences to which the Commission responded in 2016. No violation/enforcement notices or fines were issued for spills, leaks or dumping in 2016.

In 2016, the Commission performed four (4) inspections in response to complaints about construction site operations, and issued three (3) violation notices to operators of construction projects for violations pertaining to proper operation or implementation of construction site BMPs or erosion controls.

9.0 FINANCING STORMWATER MANAGEMENT

The Commission's Enabling Act empowers the Commission to independently set rates and charges for the services that it provides. The Commission is required to establish fees, rates, rents, assessments, and other charges at a level and amount at least sufficient to pay the principal, premium, and interest on bonds issued by the Commission; to maintain its reserve funds as stipulated by its General Bond Resolution; to provide funds for paying the cost of all necessary repairs, replacements, and renewals of the water and sewer systems; and to pay any and all other amounts which the Commission, by law or by contract, is obligated to pay.

The Commission has sufficient funds and equipment to carry out the stormwater management programs and activities required under the NPDES Stormwater Permit. A major portion of the Commission's Stormwater Management Program and NPDES Stormwater Permit compliance activities are achieved using existing in-house staff and resources. Staffing and equipment are budgeted under the Commission's Current Expense Budget (CEB), which is updated annually. Larger sewer and drain projects are funded under the Commission's Capital Improvement Program Plan (CIP). The Commission's three-year CIP is updated annually.

9.1 CURRENT EXPENSE BUDGET

The 2016 Current Expense Budget totaled $343.2 million in revenues, which was offset by an equal amount of expenses. The amount represented a 2.5% increase as compared to the 2015 budget.

Of the total budgeted for 2016, $65.3 million was for direct expenses. The remaining funds were budgeted for the assessment by the Massachusetts Water Resources Authority ($213.8 million), Debt Service ($48.3 million), Capital Improvements ($15 million), Contractual Funding Obligations ($0.6 million), and the Safe Drinking Water Act Assessment ($0.2 million).

In general, stormwater programs and activities are managed in-house by the Commission's Engineering and Operations Divisions. The Engineering Division consists of the sub-divisions of Planning and Sustainability, Engineering Design and Construction. Approximately $29.7 million or 46 percent of the Commission's 2016 direct expense budget was for the Engineering and Operations Divisions. Of the Engineering and Operations Division's direct expense budget, about $17.2 million was

for sewer and storm drain related operations. Thus sewer and drain related work represents about 26 percent of the Commission's total direct expense budget.

The Current Expense Budget for 2017 had not been finalized as of the writing of this report.

Stormwater related programs and activities funded under the Current Expense Budget include:

- Illegal connection investigations and corrections
- Illegal connection prevention
- Illegal dumping and spill response
- Infiltration and inflow identification and reduction
- Industrial facility pollution prevention program management
- Construction site pollution prevention inspections
- Issuing Drainage Discharge Permits
- Sewer and storm drain maintenance and general repair
- Catch basin and particle separator cleaning and maintenance
- Site plan review
- New service inspections and dye tests
- Issuing drain layers licenses
- Planning, designing and constructing capital improvements
- System evaluations and Master Planning
- Reviewing Environmental Notification Forms and Environmental Impact Reports
- Public education
- Rain data collection

9.2 CAPITAL EXPENDITURES

The 2016-2018 CIP included $90.3 million for sewer and drain related projects, of which $37.5 million was earmarked for 2016. The Commission's 2017-2019 CIP identifies $90.3 million for sewer and drain related projects, of which $34.8 million is earmarked for 2017. As of 2017, the Commission's CIP includes a separate sub-category for Stormwater/Green Infrastructure/Low Impact Development Projects. The 2017-2019 CIP identifies $10.1 million for the GI/LID Projects, of which $4.9 million is earmarked for 2017. The complete 2017-2019 CIP plan is available on the Commission's website at www.bwsc.org.

These costs do not include the cost of CSO separation projects that are funded by the MWRA under the MWRA's CSO Control Plan. However, they do include the Commission's costs for water and sewer work relating to the MWRA's CSO Control Plan that is not eligible for MWRA funding.

Programmatic activities covered under the 2017-2019 CIP include the following:

- Construction of BMPs and Green Infrastructure in Central Square East Boston, Audubon Circle, and at City Hall Plaza
- Evaluate implementing a stormwater utility
- Design and construction of a constructed wetland in Jamaica Plain
- Evalulate Urban Runoff Water Quality
- Green Infrastructure/Low Impact Development Implementation Plans for three areas
- Design and install rain gardens at five Boston public schools
- CSO Public Notification Program
- Citywide Illegal Connection Investigation Program
- Elimination of illicit discharges to storm drains
- CCTV of sewers/drains for CMOM and illicit discharge investigations
- System-wide Infiltration and Inflow analysis of the sewer system
- Cleaning and rehabilitation of overflow conduit 065
- Replace and rehabilitate sewers and drains in the North End
- Sewer separation of flows along Massachusetts Avenue in Lower Roxbury/North Dorchester
- Sewer separation in the Dudley Square area
- Implement recommended measures to improve water quality of the Fort Point Channel
- Improve the Commission's sewer and storm drain models and augment of the stormwater model.
- Disconnection of downspout in Jamaica Plain, Dorchester, Allston-Brighton, West Roxbury, Roslindale, South Boston and Hyde Park.
- Projects relating to sewer separation projects that are not eligible for funding by the MWRA. These include renewal and replacement of existing sewers and drains in the areas being separated, rehabilitation or relay of water mains in the areas and associated paving costs.

10.0 PROGRAM MODIFICATIONS

With the lodging of the Consent Decree in August 2012, the Commission has undertaken a number of remedial measures to improve and update its Stormwater Management Program, such as updating its IDDE methodology and practices, establishing a schedule for completing IDDE investigations of sub-catchments, enhanced SSO reporting and tracking, developing an SSO Emergency Response (ERP) plan, developing a Construction Site Inspection Program, developing an Industrial Facility Pollution Prevention Program, executing intergovernmental agreements, and other actions. No formal modifications to the Commission's Stormwater Management Program were made in 2016 or are being requested at this time. Modifications made in prior years were described in previous annual Stormwater Management Reports.

APPENDIX A: TABLES

Table 1-1. BWSC Stormwater Outfalls

OUTFALL NUMBER		LOCATION	NEIGHBORHOOD	SIZE (INCHES)	RECEIVING WATER
01E024	MAJOR	EASEMENT/LAKESIDE	HYDE PARK	15	SPRAGUE POND/NEPONSET RIVER
01F031	MAJOR	EASEMENT/MILLSTONE RD	HYDE PARK	48X24	NEPONSET RIVER
02E086 (02E005)	NON MAJOR	WEST MILTON STREET	HYDE PARK	24	UNAMED WETLANDS
02F085	NON MAJOR	LAWTON STREET	HYDE PARK	12	NEPONSET RIVER RESERVATION
02F093	NON MAJOR	EASEMENT/SIERRA RD	HYDE PARK	15	NEPONSET RIVER
02F120	MAJOR	EASEMENT/WOLCOTT CT/HYDE PARK AVE EXT	HYDE PARK	54	NEPONSET RIVER
03E185	MAJOR	NORTON ST	HYDE PARK	2-18	WETLANDS/NEPONSET RIVER
03E186	NON MAJOR	RIVER STREET	HYDE PARK	24	MILL POND/MOTHER BROOK
03E207	NON MAJOR	RIVER STREET	HYDE PARK	UNKNOWN	MILL POND/MOTHER BROOK
04E064	NON MAJOR	ALVARDO AVE/RIVER ST BRIDGE	HYDE PARK	12	MILL POND/MOTHER BROOK
04E069	MAJOR	KNIGHT ST DAM	HYDE PARK	36	MOTHER BROOK
04F001	NON MAJOR	RESERVATION ROAD	HYDE PARK		MOTHER BROOK
04F016	NON MAJOR	EASEMENT RIVER ST	HYDE PARK	30	MOTHER BROOK/NEPONSET RIVER
04F118	NON MAJOR	MASON STREET EXT.	HYDE PARK	18	NEPONSET RIVER
04F119	MAJOR	EASEMENT/HYDE PARK AVE/RESERVATION RD	HYDE PARK	24	NEPONSET RIVER
04F189	MAJOR	RESERVATION RD	HYDE PARK	36	MOTHER BROOK/NEPONSET RIVER
04F203	NON MAJOR	GLENWOOD AVE	HYDE PARK	28	NEPONSET RIVER
04F204	MAJOR	TRUMAN HWY/CHITTICK ST	HYDE PARK	36	NEPONSET RIVER
05C110	MAJOR	EASEMENT/PLEASANTDALE ST EXT	WEST ROXBURY	60	CHARLES RIVER
05E180	NON MAJOR	GEORGETOWN DRIVE	HYDE PARK	12	NONE SHOWN/CHARLES RIVER
05E181	NON MAJOR	GEORGETOWN DRIVE	HYDE PARK	12	NONE SHOWN/CHARLES RIVER
05E182	NON MAJOR	DEDHAM STREET	HYDE PARK	21	UNNAMED STREAM/CHARLES RIVER
05E183	NON MAJOR	GEORGETOWN PLACE/DEDHAM ST	HYDE PARK	12	UNNAMED STREAM
05E184	NON MAJOR	TURTLE POND PARKWAY	HYDE PARK	21	UNAMED WETLANDS
05F117	MAJOR	EASEMENT/TRUMAN HWY/WILLIAMS AVE	HYDE PARK	33	NEPONSET RIVER
05F244	NON MAJOR	HYDE PARK AVE BRIDGE	HYDE PARK	20	MOTHER BROOK/NEPONSET RIVER
05F245	NON MAJOR	HYDE PARK AVE	HYDE PARK	33	MOTHER BROOK/NEPONSET RIVER
05F253	MAJOR	EASEMENT/BUSINESS ST, NEAR BUSINESS TER	HYDE PARK	48X24	MOTHER BROOK/NEPONSET RIVER
05F254	NON MAJOR	DANA AVENUE	HYDE PARK	12	NEPONSET RIVER
05G112	MAJOR	EASEMENT/RR ROW/WATER ST EXT	HYDE PARK	30	NEPONSET RIVER
05G115	MAJOR	FAIRMOUNT AVE BRIDGE (NORTH BANK)	HYDE PARK	24	NEPONSET RIVER
05G116	NON MAJOR	FAIRMOUNT AVE BRIDGE (SOUTH BANK)	HYDE PARK	24	NEPONSET RIVER
05G116A	NON MAJOR	WARREN AVENUE	HYDE PARK	24	NEPONSET RIVER
06D057	NON MAJOR	CEDAR CREST CIRCLE	WEST ROXBURY	21	CHARLES RIVER
06D083	NON MAJOR	MARGARETTA DRIVE	WEST ROXBURY	15	WETLANDS/CHARLES RIVER
06D084	NON MAJOR	EASEMENT/MARGARETTA DRIVE	WEST ROXBURY	12	WETLANDS/CHARLES RIVER
06D085	NON MAJOR	GEORGETOWN DRIVE	WEST ROXBURY	12	WETLANDS/CHARLES RIVER
06D086	NON MAJOR	GEORGETOWN DRIVE	WEST ROXBURY	10	WETLANDS/CHARLES RIVER
06D091	NON MAJOR	GEORGETOWN DRIVE	WEST ROXBURY	10	WETLANDS/CHARLES RIVER
06D184	NON MAJOR	GEORGETOWN DRIVE	WEST ROXBURY	18	WETLANDS/CHARLES RIVER
06D187	MAJOR	EASEMENT/GROVE ST	WEST ROXBURY	36	BROOK GROVE ST CEMETERY
06F233	NON MAJOR	MOUNT ASH ROAD	HYDE PARK	UNKNOWN	WETLAND - STONY BROOK RESERVATION
06G108	MAJOR	EASEMENT/WEST OF WOOD AVE EXT	HYDE PARK	69	NEPONSET RIVER
06G109	MAJOR	RIVER TER EXT, NEAR ROSA ST	HYDE PARK	48	NEPONSET RIVER
06G110	MAJOR	EASEMENT/WEST STREET EXT	HYDE PARK	30	NEPONSET RIVER
06G111	NON MAJOR	EASEMENT/VOSE ST EXT., TRUMAN HWY	HYDE PARK	24	NEPONSET RIVER
06G165	NON MAJOR	TRUMAN HWT/METROPOLITAN AVE	HYDE PARK	10	NEPONSET RIVER
06G166	MAJOR	ABOUT 30' FROM GUARDRAIL NORTH SIDE OF TRUMAN HWY NEAR MILTON	HYDE PARK	36X36	NEPONSET RIVER
06H106	NON MAJOR	OSCEOLA STREET	HYDE PARK	24	NEPONSET RIVER
06H107	NON MAJOR	EASEMENT/BELNEL RD	HYDE PARK	24	NEPONSET RIVER
07C006	MAJOR	EASEMENT/VFW PARKWAY/BELLE AVE	WEST ROXBURY	126X126	CHARLES RIVER
07H105	MAJOR	EASEMENT/EDGEWATER/S RIVER ST	NEPONSET/MATTAPAN	102X72	NEPONSET RIVER
07H285	MAJOR	BLUE HILL AVE	NEPONSET/MATTAPAN	106X63	NEPONSET RIVER
07H346	NON MAJOR	EDGEWATER DRIVE/HOLMFIELD AVE	HYDE PARK	18	NEPONSET RIVER
07H347	NON MAJOR	EDGEWATER DRIVE/BURMAH ROAD	NEPONSET/MATTAPAN	21	NEPONSET RIVER
07H348	NON MAJOR	EDGEWATER DRIVE/TOPALIAN STREET	NEPONSET/MATTAPAN	24	NEPONSET RIVER
08B122	MAJOR	EASEMENT/NORTH OF SPRING ST.	WEST ROXBURY	30	CHARLES RIVER
08B126	NON MAJOR	SPRING STREET EXTENDED	WEST ROXBURY	30	CHARLES RIVER
08C025	MAJOR	WEDGEMERE ROAD	WEST ROXBURY	24	CHARLES RIVER
08C026	NON MAJOR	WEDGEMERE ROAD	WEST ROXBURY	24	CHARLES RIVER
08E031	NON MAJOR	TURTLE POND PARKWAY	WEST ROXBURY	18	TURTLE POND
08E033	NON MAJOR	TURTLE POND PARKWAY	WEST ROXBURY	UNKNOWN	TURTLE POND
08E035	NON MAJOR	WASHINGTON STREET	WEST ROXBURY	15	TURTLE POND
08F001	NON MAJOR	SHERRIN STREET	HYDE PARK	24	WETLANDS/CHARLES RIVER
08I153	NON MAJOR	DUXBURY ROAD	NEPONSET/MATTAPAN	15	NEPONSET RIVER
08I154	NON MAJOR	EASEMENT/RIVER ST/GLADESIDE AVE	NEPONSET/MATTAPAN	18	NEPONSET RIVER
08I155	NON MAJOR	EASEMENT/RIVER ST/MAMELON CIR	NEPONSET/MATTAPAN	24	NEPONSET RIVER
08I156	NON MAJOR	EASEMENT/RIVER ST/MAMELON CIR	NEPONSET/MATTAPAN	24	NEPONSET RIVER
08I158	NON MAJOR	EASEMENT/RIVER ST/FREMONT ST	NEPONSET/MATTAPAN	18	NEPONSET RIVER
08I207	NON MAJOR	MEADOWBANK AVE EXT	NEPONSET/MATTAPAN	15	NEPONSET RIVER

Table 1-1. BWSC Stormwater Outfalls

OUTFALL NUMBER		LOCATION	NEIGHBORHOOD	SIZE (INCHES)	RECEIVING WATER
08I209	NON MAJOR	MEADOWBANK AVE EXT	NEPONSET/MATTAPAN	12	NEPONSET RIVER
08J041	NON MAJOR	RIVER STREET	DORCHESTER	18	NEPONSET RIVER
08J102	NON MAJOR	ADAMS STREET	DORCHESTER	15X15	NEPONSET RIVER
08J103	NON MAJOR	EASEMENT/CENTRAL AVE BRIDGE	DORCHESTER	30	NEPONSET RIVER
08J49/50	MAJOR	DESMOND RD	DORCHESTER	2-18&24	NEPONSET RIVER
08K049	NON MAJOR	BEARSE AVENUE	DORCHESTER	12	NEPONSET RIVER
09B049	MAJOR	EASEMENT/RIVERMOOR ST	WEST ROXBURY	30	COW ISLAND POND/CHARLES RIVER
09E229	NON MAJOR	GRANDVIEW STREET	WEST ROXBURY	12	NONE SHOWN
09E243	NON MAJOR	BLUE LEDGE TR/EASEMENT	WEST ROXBURY	30	UNNAMED STREAM
09K016	NON MAJOR	EASEMENT/BEARSE AVE EXT	DORCHESTER	15	NEPONSET RIVER
09K100	MAJOR	EASEMENT/MELLISH RD	DORCHESTER	34X24	NEPONSET RIVER
09K101	NON MAJOR	EASEMENT/HUNTOON ST EXT	DORCHESTER	24	NEPONSET RIVER
09L095	MAJOR	GRANITE AVENUE	DORCHESTER	36X48	NEPONSET RIVER
10B015	MAJOR	EASEMENT/CHARLES RIVER ROAD	WEST ROXBURY	21	COW ISLAND POND/CHARLES RIVER
10L094	MAJOR	EASEMENT/GALLIVAN BLVD	DORCHESTER	74X93	NEPONSET RIVER VIA DAVENPORT BROOK
10L096	MAJOR	HILLTOP & LEXONDALE STS	DORCHESTER	36	NEPONSET RIVER
11B123	MAJOR	EASEMENT/EAST OF BAKER ST EXT.	WEST ROXBURY	72	BROOK FARM BROOK/CHARLES RIVER
11G344 (11G318@MH11G247)	NON MAJOR	CULVERT UNDER WALK HILL STREET	ROSLINDALE	24	CANTERBURY BROOK
11G344 (11G319@MH11G246)	NON MAJOR	CULVERT UNDER WALK HILL STREET	ROSLINDALE	18	CANTERBURY BROOK
11I577	MAJOR	HARVARD ST	NEPONSET/MATTAPAN	102X102	CANTERBURY BROOK
11M093	MAJOR	NEPONSET AVE AT NW END OF NEPONSET AVE BRIDGE	DORCHESTER	48	NEPONSET RIVER
12B010	NON MAJOR	BAKER STREET	WEST ROXBURY	15	BROOK FARM BROOK
12B014	NON MAJOR	BAKER STREET	WEST ROXBURY	12	BROOK FARM BROOK
12B033	NON MAJOR	EASEMENT/BAKER STREET	WEST ROXBURY	18	BROOK FARM BROOK
12B124	MAJOR	EASEMENT/LAGRANGE STREET	WEST ROXBURY	120	BROOK FARM BROOK
12F305	NON MAJOR	EASEMENT/ARBOROUGH ROAD	ROSLINDALE	12	UNAMED WETLANDS
12E418	NON MAJOR	EASEMENT/WALTER STREET (renumbered from 12F322)	ROSLINDALE	18	NONE SHOWN
12H001 (12H085@MH12H26)	NON MAJOR	MORTON STREET	ROSLINDALE	15	CANTERBURY BROOK
12H001 (12H087@MH12H27)	NON MAJOR	MORTON STREET	ROSLINDALE	15	CANTERBURY BROOK
12H092	MAJOR	AMERICAN LEGION HIGHWAY	WEST ROXBURY	24	CANTERBURY BROOK
12L092	MAJOR	PINE NECK CREEK/TENEAN ST WEST OF LAWLEY	DORCHESTER	72	NEPONSET RIVER
12M091	MAJOR	ERICSSON/WALNUT ST	NEPONSET/MATTAPAN	36	NEPONSET RIVER
13B011	NON MAJOR	LAGRANGE STREET	WEST ROXBURY	12	UNNAMED STREAM
13D077	MAJOR	WEST ROXBURY PKY/VFW PKY	WEST ROXBURY	60	BUSSEY BROOK
13D078	MAJOR	WEST ROXBURY PKY/VFW PKY	WEST ROXBURY	60	BUSSEY BROOK
13E174	NON MAJOR	EASEMENT/VFW PARKWAY	ROSLINDALE	24	BUSSEY BROOK
13E175	MAJOR	EASEMENT/VFW PKY	ROSLINDALE	108X86	BUSSEY BROOK
13E176	NON MAJOR	EASEMENT/WELD ST	ROSLINDALE	15	NONE SHOWN
13F011	NON MAJOR	ALLANDALE STREET	ROSLINDALE	24	BUSSEY BROOK
13F093 (13F012)	NON MAJOR	WALTER STREET	ROSLINDALE	15	BUSSEY BROOK
13F095	NON MAJOR	EASEMENT/BUSSEY STREET	ROSLINDALE	12	BUSSEY BROOK
13F096	NON MAJOR	SOUTH STREET	ROSLINDALE	12	BUSSEY BROOK
13F097	NON MAJOR	SOUTH STREET	ROSLINDALE	6	BUSSEY BROOK
13L090	MAJOR	VICTORY RD. 200 FT SOUTH	DORCHESTER	144X180	DORCHESTER BAY
14C009	MAJOR	EASEMENT/WESTGATE RD	WEST ROXBURY	36	UNNAMED WETLANDS
15F288	MAJOR	ARNOLD ARBORETUM/MURRAY CIRCLE	JAMAICA PLAIN	54	GOLDSMITH BROOK
15L088	MAJOR	FREEPORT WAY EXTENDED	DORCHESTER	2-78"	DORCHESTER BAY
15L089	MAJOR	FOX POINT RD EXTENDED	DORCHESTER	2-90X82"	DORCHESTER BAY
16L097	NON MAJOR	EASEMENT/OFF SAVIN HILL AVE	DORCHESTER	24	PATTEN'S COVE
16L122	MAJOR	MORRISSEY BLVD DRAIN	DORCHESTER	TWIN 9X8	DORCHESTER BAY
17F012	NON MAJOR	FRANCIS PARKMAN DRIVE	JAMAICA PLAIN	15	JAMAICA POND
17M033	MAJOR	HARBOR POINT PARK (RELOCATED MT VERNON ST DRAIN)	DORCHESTER	72	OLD HARBOR
18G233	NON MAJOR	X-COUNTRY BTN WILLOW POND RD AND JAMAICAWAY	JAMAICA PLAIN	18	MUDDY RIVER-LEVERETT POND
19G043	MAJOR	HUNTINGTON AVE	ROXBURY/MISSION HILL	45X45	MUDDY RIVER
19G194	MAJOR	SOUTH HUNTINGTON AVE	ROXBURY/MISSION HILL	24	MUDDY RIVER
19G199	NON MAJOR	JAMAICA WAY	ROXBURY/MISSION HILL	10	MUDDY RIVER
20G161	MAJOR	EASEMENT/BROOKLINE AVE	ROXBURY/MISSION HILL	36	MUDDY RIVER
20G163	NON MAJOR	EASEMENT/RIVERWAY	ROXBURY/MISSION HILL	20	MUDDY RIVER
20G164	NON MAJOR	BROOKLINE AVENUE	ROXBURY/MISSION HILL		MUDDY RIVER
21C212	NON MAJOR	EASEMENT/LAKE SHORE ROAD	ALLSTON/BRIGHTON	30	CHANDLER POND
21H039 (21H045)	NON MAJOR	FENWAY	BOSTON PROPER	30X30	MUDDY RIVER
21H047	NON MAJOR	PALACE ROAD EXT	BOSTON PROPER	24	MUDDY RIVER
21H048	NON MAJOR	EASEMENT/FENWAY/EVANS WAY	BOSTON PROPER	15	MUDDY RIVER
21K069	MAJOR	125' NORTH OF W.FOURTH STREET (RELOCATED BY CA/T)	BOSTON PROPER	48	FORT POINT CHANNEL
21M010	MAJOR	D STREET EXTENDED	SOUTH BOSTON	30	RESERVED CHANNEL
21M050	MAJOR	SUMMER STREET	SOUTH BOSTON	72	RESERVED CHANNEL
22C384	MAJOR	EASEMENT/LAKE SHORE RD	ALLSTON/BRIGHTON	36	CHANDLER POND
22L580	MAJOR	NECCO STREET EXTENDED	SOUTH BOSTON	54	FORT POINT CHANNEL
23G132	MAJOR	EASEMENT/MASS TURNPIKE/WEST OF BU BRIDGE	ALLSTON/BRIGHTON	60	CHARLES RIVER
23H040	NON MAJOR	RALEIGH STREET EXT	BOSTON PROPER	24	CHARLES RIVER

Table 1-1. BWSC Stormwater Outfalls

OUTFALL NUMBER		LOCATION	NEIGHBORHOOD	SIZE (INCHES)	RECEIVING WATER
23H042	MAJOR	DEERFIELD ST	BOSTON PROPER	116X120	CHARLES RIVER
23L015	NON MAJOR	NORTHERN AVE	SOUTH BOSTON	24	BOSTON INNER HARBOR
23L074	NON MAJOR	SUMMER ST BRIDGE	SOUTH BOSTON	15	FORT POINT CHANNEL
23L075	MAJOR	CONGRESS ST BRIDGE	SOUTH BOSTON	54	FORT POINT CHANNEL
23L164	MAJOR	CONGRESS ST BRIDGE	BOSTON PROPER	48	FORT POINT CHANNEL
23L195	MAJOR	NORTHERN AVE	SOUTH BOSTON	36	BOSTON INNER HARBOR
23L196	MAJOR	NEW NORTHERN AVE BRIDGE	SOUTH BOSTON	36	FORT POINT CHANNEL
23L202	MAJOR	NORTHERN AVE	SOUTH BOSTON	36	BOSTON INNER HARBOR
24C039	NON MAJOR	NEWTON ST	ALLSTON/BRIGHTON	21	CHARLES RIVER
24C174	NON MAJOR	EASEMENT/NEWTON STREET	ALLSTON/BRIGHTON	24	CHARLES RIVER
24D032	MAJOR	N OF BEACON ST, ABOUT 800' E OF PARSONS ST	ALLSTON/BRIGHTON	119X130	CHARLES RIVER
24D150	MAJOR	SOLDIERS FIELD PLACE	ALLSTON/BRIGHTON	36	CHARLES RIVER
24G034	MAJOR	SOLDIERS FIELD ROAD, S OF CAMBRDIGE ST	ALLSTON/BRIGHTON	36	CHARLES RIVER
24G035	MAJOR	SOLDIERS FIELD ROAD/BABCOCK ST	ALLSTON/BRIGHTON	90X84	CHARLES RIVER
24L022	MAJOR	COURTHOUSE WAY	SOUTH BOSTON	48	BOSTON HARBOR
24L233	MAJOR	ROWE'S WHARF/ATLANTIC AVE	BOSTON PROPER	42	BOSTON HARBOR
25D040	MAJOR	ABOUT 390' N OF INTERSECTION OF SOLDIERS FIELD & WESTERN AVE	ALLSTON/BRIGHTON	36	CHARLES RIVER
25E037	MAJOR	EASEMENT/TELFORD ST	ALLSTON/BRIGHTON	66	CHARLES RIVER
25G041	NON MAJOR	SOLDIERS FIELD RD/NORTH OF WESTERN AVE BRIDGE	ALLSTON/BRIGHTON	24	CHARLES RIVER
25L058	MAJOR	CHRISTOPHER COLUMBUS PARK-WATERFRONT	BOSTON PROPER	84	BOSTON INNER HARBOR
25L144	NON MAJOR	CLARK STREET	BOSTON PROPER	12	BOSTON INNER HARBOR
25M006	MAJOR	MARGINAL ST EXT	EAST BOSTON	36	BOSTON INNER HARBOR
25M007	MAJOR	MARGINAL ST EXT (NEAR ORLEANS ST)	EAST BOSTON	42	BOSTON INNER HARBOR
26F038	MAJOR	HARVARD ST EXT	ALLSTON/BRIGHTON	36	CHARLES RIVER
26G001	MAJOR	SOLDIERS FIELD ROAD/EAST OF HARVARD UNIVERSITY	ALLSTON/BRIGHTON	36	CHARLES RIVER
26J049	MAJOR	NASHUA STREET	BOSTON PROPER	60	CHARLES RIVER
26J052	NON MAJOR	MONSIGNOR O'BRIEN HWY	BOSTON PROPER	12	CHARLES RIVER
26J101 (replaced 26J055)	MAJOR	LEVERETT CIRCLE	BOSTON PROPER	36	BOSTON INNER HARBOR
26K035	MAJOR	BEVERLY STREET NEAR WARREN BRIDGE	BOSTON PROPER	48x72	CHARLES RIVER
26K050	MAJOR	NASHUA STREET	BOSTON PROPER	36	CHARLES RIVER
26K052	NON MAJOR	COMMERCIAL STREET AT CHARTER ST.	BOSTON PROPER	16x24	CHARLES RIVER
26K099	MAJOR	WARREN ST EXT (FORMERLY CHELSEA ST/JOINER EXT)	CHARLESTOWN	84	CHARLES RIVER
26K254	MAJOR	NORTH WASHINGTON ST BRIDGE	CHARLESTOWN	36	BOSTON HARBOR
26L106	MAJOR	NEAR BATTERY WHARF	BOSTON PROPER	24X24	BOSTON INNER HARBOR
26L070	MAJOR	HANOVER ST EXT	BOSTON PROPER	36	BOSTON INNER HARBOR
26L084	MAJOR	LEWIS STREET	EAST BOSTON	18	BOSTON INNER HARBOR
27J001	MAJOR	EASEMENT/INTERSTATE 93	CHARLESTOWN	72	MILLERS RIVER
27J044	MAJOR	PRISON POINT BRIDGE	CHARLESTOWN	15	MILLERS RIVER
27J096	MAJOR	EASEMENT/INTERSTATE 93	CHARLESTOWN	54	MILLERS RIVER
27L020/22	MAJOR	PIER 4 EASEMENT - NAVY YARD	CHARLESTOWN	2-20&24	BOSTON INNER HARBOR
28K010	MAJOR	OLD LANDING WAY EXT	CHARLESTOWN	42	LITTLE MYSTIC CHANNEL
28K061	MAJOR	EASEMENT/MEDFORD ST/OLD IRONSIDE	CHARLESTOWN	42	LITTLE MYSTIC CHANNEL
28K386	MAJOR	EASEMENT/TERMINAL ST	CHARLESTOWN	30	LITTLE MYSTIC CHANNEL
28L073	NON MAJOR	EASEMENT/5TH AVE - NAVY YARD	CHARLESTOWN	6	LITTLE MYSTIC CHANNEL
28L074/075/076	MAJOR	16TH ST/5TH AVE - NAVY YARD	CHARLESTOWN	3-30	LITTLE MYSTIC CHANNEL
28L077	NON MAJOR	EASEMENT/16TH ST - NAVY YARD	CHARLESTOWN	10	LITTLE MYSTIC CHANNEL
28N156	NON MAJOR	COLERIDGE ST EXT	EAST BOSTON	12	BOSTON HARBOR
28N207	MAJOR	MOORE ST	EAST BOSTON	54X57	BOSTON HARBOR
28O025	NON MAJOR	COLERIDGE/WADSWORTH ST. EXT	EAST BOSTON	30	BOSTON HARBOR
28P001	NON MAJOR	EASEMENT/NANCIA STREET	EAST BOSTON	12	BOSTON HARBOR
29J029	NON MAJOR	ALFORD STREET/RYAN PLGD	CHARLESTOWN	15	MYSTIC RIVER
29J129	MAJOR	ALFORD STREET SOUTH	CHARLESTOWN	15	MYSTIC RIVER
29J212	MAJOR	EASEMENT/MEDFORD ST(NEXT TO CSO 017)	CHARLESTOWN	72	MYSTIC RIVER
29M049	MAJOR	CONDOR STREET	EAST BOSTON	48	CHELSEA RIVER
29N015	MAJOR	CHELSEA STREET	EAST BOSTON	42X44.5	CHELSEA RIVER
29N135	MAJOR	ADDISON ST	EAST BOSTON	30X30	CHELSEA RIVER
29O001	MAJOR	BENNINGTON ST (CONSTITUTION BEACH)	EAST BOSTON	66	BOSTON HARBOR NEAR CONSTITUTION BEACH
29P005	NON MAJOR	SARATOGA STREET	EAST BOSTON	12	BOSTON HARBOR
29P044	NON MAJOR	SHAWSHEEN ST	EAST BOSTON	12	BOSTON HARBOR
30J006	MAJOR	EASEMENT/ALFORD ST/EVERETT	CHARLESTOWN	18	MYSTIC RIVER
30J019	MAJOR	ALFORD ST/NORTH	CHARLESTOWN	15	MYSTIC RIVER
30J030	MAJOR	EASEMENT/ARLINGTON AVE	CHARLESTOWN	42	MYSTIC RIVER
30P062	NON MAJOR	PALERMO AVE EXT	EAST BOSTON	12	WETLANDS
30P107	NON MAJOR	WALDEMAR AVENUE	EAST BOSTON	15	WETLANDS
31O004	NON MAJOR	EASEMENT/WALDEMAR AVE	EAST BOSTON	15	CHELSEA RIVER
31P084	NON MAJOR	EASEMENT/BENNINGTON ST	EAST BOSTON	30	BELLE ISLE INLET, REVERE

Table 1-2. BWSC Interconnections

INTERCONNECTION	INTERCONNECTING MANHOLE NUMBER	LOCATION	NEIGHBORHOOD	RECEIVING WATER
DCR 02F099	02FMH120	NEPONSET VALLEY PARKWAY	HYDE PARK	DCR DRAIN TO NEPONSET
DCR 03F159	03FMH056	WAKEFIELD AVENUE	HYDE PARK	DCR DRAIN TO NEPONSET
DCR 03F162	04FMH090	FARADAY STREET	HYDE PARK	DCR DRAIN TO NEPONSET
Dedham Drains	06CMH117	WASHINGTON ST NEAR MESHAKA ST	WEST ROXBURY	INTO DEDHAM
Dedham Drains	06DMH097	EDGEMERE RD. EXTENDED	WEST ROXBURY	INTO DEDHAM
DCR 11B028	11BMH049	VFW PKWY @ GLENHAM ST	WEST ROXBURY	DCR DRAIN TO CHARLES
DOT 12L296	12LMH374	CONLEY STREET	DORCHESTER	DCR DRAIN TO DORCHESTER BAY
DCR 13L137	12LMH304	TENEAN STREET	DORCHESTER	DCR DRAIN TO DORCHESTER BAY
Brookline Drains	14EMH036	PAYSON ROAD @ HACKENSACK ROAD	WEST ROXBURY	TO BROOKLINE DRAINS
Brookline Drains	20DMH019	PRENDERGAST AVE (BC/CHESTNUT HILL RESERVOIR)	BRIGHTON	TO BROOKLINE DRAINS
Brookline Drains	20DMH055	VILLAGE BROOK-STRATHMORE	BRIGHTON	BROOKLINE DRAINS TO VILLAGE BROOK
Brookline Drains	20DMH062	VILLAGE BROOK-ENGLEWOOD AT KILSYTH	BRIGHTON	BROOKLINE DRAINS TO VILLAGE BROOK
Brookline Drains	21DMH319	VILLAGE BROOK-KILSYTH	BRIGHTON	BROOKLINE DRAINS TO VILLAGE BROOK
Brookline Drains	21EMH064	TANNERY BROOK	BRIGHTON	BROOKLINE DRAINS TO TANNERY BROOK
Brookline Drains	21EMH086	VILLAGE BROOK-CUMMINGS	BRIGHTON	BROOKLINE DRAINS TO VILLAGE BROOK
Newton Drains	23BMH089	HUNNEWELL AVENUE	BRIGHTON	TO NEWTON DRAINS
DCR 23I019	23HMH081	BEACON STREET	BACK BAY	DCR DRAIN TO MUDDY RIVER
Somerville Drains	28IMH015	ROLAND STREET	CHARLESTOWN	TO SOMERVILLE DRAINS

Table 1-3. Combined Sewer Overflow Outfalls

CSO OUTFALL NUMBER	STREET LOCATION	NEIGHBORHOOD	RECEIVING WATERS
18LCSO086	Day Blvd @ Carson Beach Bath	SOUTH BOSTON	BOSTON HARBOR/DORCHESTER BAY
19LCSO084	Day Blvd @ H St	SOUTH BOSTON	BOSTON HARBOR/DORCHESTER BAY
19LCSO085	Day Blvd @ Babe Ruth Park Dr	SOUTH BOSTON	BOSTON HARBOR/DORCHESTER BAY
19MCSO082	Day Blvd @ N St	SOUTH BOSTON	BOSTON HARBOR/DORCHESTER BAY
19MCSO083	Day Blvd @ K St	SOUTH BOSTON	BOSTON HARBOR/DORCHESTER BAY
19NCSO081	Day Blvd @ Farragut Rd	SOUTH BOSTON	BOSTON HARBOR/DORCHESTER BAY
21KCSO070	West 4th Street	SOUTH BOSTON	BOSTON HARBOR/FORT POINT CHANNEL
21LCSO076	Pappas Way	SOUTH BOSTON	BOSTON HARBOR/RESERVED CHANNEL
21MCSO078	East First Street	SOUTH BOSTON	BOSTON HARBOR/RESERVED CHANNEL
21MCSO079	Summer St	SOUTH BOSTON	BOSTON HARBOR/RESERVED CHANNEL
21NCSO080	Conley Marine Terminal	EAST BOSTON	BOSTON HARBOR/RESERVED CHANNEL
22KCSO065	25 Dorchester Ave	SOUTH BOSTON	BOSTON HARBOR/FORT POINT CHANNEL
22KCSO068	Fort Point Channel North of Bro	CENTRAL	BOSTON HARBOR/FORT POINT CHANNEL
22KCSO072	Dorchester Avenue	SOUTH BOSTON	BOSTON HARBOR/FORT POINT CHANNEL
22LCSO073	1 Gillette Pk	SOUTH BOSTON	BOSTON HARBOR/FORT POINT CHANNEL
23LCSO062	Under Seaport Blvd Bridge	CENTRAL	BOSTON HARBOR/FORT POINT CHANNEL
23LCSO064	245 Summer St	CENTRAL	BOSTON HARBOR/FORT POINT CHANNEL
24LCSO060	Long Wharf/Aquarium	CENTRAL	BOSTON HARBOR/INNER HARBOR
24NCSO003	Harborside Drive near Hyatt	EAST BOSTON	BOSTON HARBOR/INNER HARBOR
25LCSO057	Eastern Ave	CENTRAL	BOSTON HARBOR/INNER HARBOR
25MCSO005	Sumner Street/Porzio Park	EAST BOSTON	BOSTON HARBOR/INNER HARBOR
25NCSO004	Maverick Street	EAST BOSTON	BOSTON HARBOR/INNER HARBOR
26LCSO009	Sumner St at New St	EAST BOSTON	BOSTON HARBOR/INNER HARBOR
27LCSO010	141 Border St	EAST BOSTON	BOSTON HARBOR/INNER HARBOR
28LCSO012	Border St at Middle School	EAST BOSTON	BOSTON HARBOR/INNER HARBOR
28LCSO019	Chelsea St at 16th St	CHARLESTOWN	BOSTON HARBOR/INNER HARBOR
29JCSO017	545 Medford St	CHARLESTOWN	MYSTIC RIVER
29MCSO013	Under Meridian St Bridge	EAST BOSTON	CHELSEA CREEK
29NCSO014	Chelsea St. at East Eagle	EAST BOSTON	CHELSEA CREEK
21HCSO046	The Fenway	FENWAY	CHARLES VIA MUDDY RIVER

TABLE 2-1. DRY WEATHER SCREENING DATA 2016

Facility ID	Street Location	Receiving Water	Location Type	Inspection Date	Inspection Time	Outfall Sign	Tidal Impact	Outfall Located	Outfall Accessible	Outfall Submerged	If Yes-Percent	Outfall Diameter	Shape	Other Shape	Material	Other Material	Condition-1	Other Condition-1	Is Grate Present?	Condition of Grate	Comments-1
01ESDO24	Easement/Lakeside	Sprague Pond/Neponset River	SDO	1/20/2016	10:11:00 AM	No	No	Yes	No	Yes	100	1.25	Round		VC		Normal		No		
01FSDO31	Easement/Millstone Rd	Neponset River	SDO	1/20/2016	10:56:00 AM	No	No	No	No	Yes	100	2x4	Other	Unknown	Other	Unknown	Other	Unknown			
02ESDO5	West Milton Street	Unnamed Wetlands	SDO	1/20/2016	10:35:00 AM	No	No	Yes	Yes	Yes	100	2	Round		VC		Normal		No		
02FMH120	Neponset Valley Parkway	DCR Drain to Neponset	Interconnection	3/9/2016	8:25:00 AM																
02FSDO120	Easement/Wolcott Ct/Hyde Park Ave Ext	Neponset River	SDO	6/13/2016	9:55:28 AM	No	No	Yes	Yes	No		4.5									
02FSDO85	Lawton Street	Neponset River Reservation	SDO	4/7/2016	10:30 AM	No	No	Yes	Yes	No		1	Round		PVC		Normal		No		
02FSDO93	Easement/Sierra Rd	Neponset River	SDO	4/7/2016	11:00 AM	No	No	No	No	Yes	100	1.25	Round		Other	Unknown	Other	Unknown			Suspect that outfall is normally accessible but was completely submerged at the time of inspection.
03ESDO185	Norton St	Wetlands/Neponset River	SDO	1/21/2016	10:40:00 AM	Yes	No	Yes	Yes	Yes	40	2	Round		Concrete		Normal		No		
03ESDO186	River Street	Mill Pond/Mother Brook	SDO	1/21/2016	11:15:00 AM	No	No	No	No	Yes	100	2	Other	Unknown	Other	Unknown	Other	Unknown			
03ESDO207	River Street	Neponset River; Mother Brook, Mill Pond	SDO	4/28/2016	8:29:00 AM	No	No	Yes	Yes												
03FMH56	Wakefield Avenue	DCR Drain to Neponset	Interconnection	3/9/2016	9:58:00 AM																
04ESDO64	Alvardo Ave/River St Bridge	Mill Pond/Mother Brook	SDO	1/21/2016	10:20:00 AM	No	No	No	No	Yes	100	1	Other	Unknown	Other	Unknown	Other	Unknown			
04ESDO69	Knight St Dam	Mother Brook	SDO	6/13/2016	10:22:49 AM	Yes	No	Yes	Yes	Yes	50	3									
04FMH90	Faraday Street	DCR Drain to Neponset	Interconnection	3/9/2016	9:34:00 AM																
04FSDO1	Reservation Rd	Mother Brook/Neponset River	SDO	1/21/2016	9:30:00 AM	No	No	Yes	Yes	No		1	Round		VC		Normal		No		
04FSDO118	Mason Street Ext.	Neponset River	SDO	1/21/2016	9:00:00 AM	No	No	Yes	Yes	Yes	5	1.5	Round		Concrete		Cracking		No		Last joint of outfall pipe was disconnected. Next upstream segment held a small amount of standing water.
04FSDO119	Easement/Hyde Park Ave/Reservation Rd	Neponset River	SDO	6/13/2016	11:00:44 AM	No	No	Yes	Yes	Yes	50	2									
04FSDO16	Easement River St	Mother Brook/Neponset River	SDO	1/21/2016	9:50:00 AM	No	No	Yes	No	Yes	100	2.5	Other	Unknown	Other	Unknown	Other	Unknown			Outfall was not visible, but outlet was physically located beneath surface of ice/water. In field ~5 yards downstream of 04F014, not on water's edge as indicated on map.
04FSDO189	Reservation Rd	Mother Brook/Neponset River	SDO	4/28/2016	9:25 AM	Yes	No	Yes	Yes	Yes	50	3	Round		Concrete		Normal		No		
04FSDO203	Glenwood Ave	Neponset River	SDO	1/21/2016	8:50:00 AM	No	No	Yes	Yes	No	0	2	Round		Concrete		Normal		No		
04FSDO204	Truman Hwy/Chittick St	Neponset River	SDO	6/15/2016	5:03:04 PM	Unknown	No	No	No	No		3									
04FSDO204	Truman Hwy/Chittick St	Neponset River	SDO	10/26/2016	8:52:23 AM		No	No	No												
05CSDO110	Easement/Pleasantdale St Ext	Charles River	SDO	6/15/2016	10:53:34 AM	Yes	No	Yes	Yes	Yes	5	6									
05ESDO180	Georgetown Drive	None Shown/Charles River	SDO	4/28/2016	11:34 AM	Yes	No	Yes	Yes	No		1	Round		Concrete		Normal		No		Outfall submerged with water and sediment.
05ESDO181	Georgetown Drive	None Shown/Charles River	SDO	4/28/2016	11:22 AM	Yes	No	Yes	Yes	Yes	95	1	Round		Concrete		Normal		No		
05ESDO182	Dedham Street	Unnamed Stream/Charles River	SDO	6/15/2016	9:49:08 AM	Yes	No	Yes	Yes	Yes	80	1.75									
05ESDO183	Georgetown Place/Dedham St	Unnamed Stream	SDO	4/28/2016	11:45 AM	Yes	No	Yes	Yes	No		1	Round		Concrete		Normal		No		Heavily covered in dirt sediment.
05ESDO184	Turtle Pond Parkway	Unnamed Wetlands	SDO	6/15/2016	10:12:05 AM	No	No	Yes	Yes	Yes	40	2									
05FSDO117	Easement/Truman Hwy/Williams Ave	Neponset River	SDO	6/15/2016	9:19:17 AM	Yes	No	Yes	Yes	No		2.75									
05FSDO244	Hyde Park Ave Bridge	Mother Brook/Neponset River	SDO	4/28/2016	8:49 AM	Yes	No	Yes	No	Yes	50	1.67	Round		Concrete		Normal		No		
05FSDO245	Hyde Park Ave	Mother Brook/Neponset River	SDO	6/23/2016	10:42:46 AM	Yes	No	Yes	Yes	Yes	50	2.75									
05FSDO253	Easement/Business St, Near Business Ter	Mother Brook/Neponset River	SDO	6/15/2016	1:21:53 PM	Unknown	No	No	No	No		4									
05FSDO254	Dana Avenue	Neponset River	SDO	4/28/2016	9:36 AM	Yes	No	Yes	Yes	No		1	Round		VC		Cracking		No		
05GSDO112	Easement/Rr Row/Water St Ext	Neponset River	SDO	4/28/2016	10:16 AM	No	No	Yes	No	No		2.5	Round		Concrete		Normal		Unknown		Outfall seen from across river, clearly dry. Condition info from list.
05GSDO115	Fairmount Ave Bridge (North Bank)	Neponset River	SDO	4/28/2016	9:59 AM	No	No	Yes	Yes	No		2	Round		Concrete		Normal		No		
05GSDO116	Fairmount Ave Bridge (South Bank)	Neponset River	SDO	6/22/2016	11:58:15 AM	No	No	Yes	Yes	No		2									
05GSDO116A	Warren Avenue	Neponset River	SDO	6/22/2016	1:06:31 PM	Yes	No	Yes	Yes	No		2									
06CMH117	Washington St Near Meshaka St	Dedham Drains	Interconnection	3/9/2016	10:29:00 AM																
06DMH97	Easement/Edgemere Road	Dedham Drains	Interconnection	3/9/2016	10:41:00 AM																
06DSDO184	Georgetown Drive	Wetlands/Charles River	SDO	1/21/2016	12:51:00 PM	Yes	No	Yes	Yes	Yes	50	1.5	Round		Concrete		Normal		No		
06DSDO187	Easement/Grove St	Brook Grove St Cemetery	SDO	6/15/2016	11:56:48 AM	No	No	No	No	No		3									
06DSDO57	Cedar Crest Circle	Charles River	SDO	6/15/2016	11:24:37 AM	No	No	No	No	No		1.75									
06DSDO83	Margaretta Drive	Wetlands/Charles River	SDO	1/21/2016	12:22:00 PM	Yes	No	Yes	Yes	No		1.25	Round		Concrete		Normal		No		
06DSDO84	Easement/Margaretta Drive	Wetlands/Charles River	SDO	1/21/2016	12:23:00 PM	No	No	No	No	Yes	100	1	Other	Unknown	Other	Unknown	Other	Unknown			
06DSDO85	Georgetown Drive	Wetlands/Charles River	SDO	1/21/2016	12:46:00 PM	Yes	No	Yes	Yes	Yes	40	1	Round		Concrete		Normal		No		
06DSDO86	Georgetown Drive	Wetlands/Charles River	SDO	1/21/2016	12:47:00 PM	No	No	Yes	Yes	Yes	100	0.83	Round		Concrete		Other	Unknown			
06DSDO91	Georgetown Drive	Wetlands/Charles River	SDO	1/21/2016	12:49:00 PM	Yes	No	Yes	Yes	Yes	100	0.83	Round		Concrete		Other	Unknown			
06FSDO233	Mount Ash Road	Stony Brook Res; Wetland	SDO	7/7/2016	12:10:48 PM	No	No	Yes	Yes												
06GSDO108	Easement/West Of Wood Ave Ext	Neponset River	SDO	6/22/2016	1:29:46 PM	Yes	No	Yes	Yes	No		5.75									
06GSDO109	River Ter Ext, Near Rosa St	Neponset River	SDO	7/7/2016	12:13:25 PM	Yes	No	Yes	Yes												
06GSDO110	Easement/West Street Ext	Neponset River	SDO	7/7/2016	12:32:47 PM		No	No	No												
06GSDO111	Easement/Vose St Ext., Truman Hwy	Neponset River	SDO	7/7/2016	12:50:28 PM	Yes	No	Yes	Yes												
06GSDO165	Truman Hwt/Metropolitan Ave	Neponset River	SDO	7/7/2016	12:30:45 PM	Yes	No	Yes	Yes												
06GSDO166	30' From Guardrail N Side Truman Hwy Near Milton	Neponset River	SDO	7/7/2016	12:25:51 PM	Yes	No	Yes	Yes												
06HSDO106	Osceola Street	Neponset River	SDO	4/28/2016	10:29 AM	No	No	Yes	Yes	No		2	Round		Concrete		Normal		No		
06HSDO107	Easement/Belnel Rd	Neponset River	SDO	4/28/2016	10:48 AM	No	No	Yes	Yes	No		2	Round		Concrete		Normal		No		
07CSDO006	Easement/Vfw Parkway/Belle Ave	Charles River	SDO	6/15/2016	4:53:01 PM	Yes	No	Yes	Yes	No		10.5									
07CSDO006	Easement/Vfw Parkway/Belle Ave	Charles River	SDO	6/15/2016	4:53:01 PM	Yes	No	Yes	Yes	No		10.5									
07CSDO006	Easement/Vfw Parkway/Belle Ave	Charles River	SDO	6/15/2016	4:53:01 PM	Yes	No	Yes	Yes	No		10.5									
07HSDO105	Easement/Edgewater/S River St	Neponset River	SDO	3/1/2016	12:51:00 PM	No	No	Yes	Yes	No		8.5 x 6	Other	Arch	Concrete		Normal		No		
07HSDO285	Blue Hill Ave	Neponset River	SDO	6/29/2016	9:37:45 AM	No	No	Yes	Yes	No		8.83									
07HSDO346	Edgewater Drive/Holmfield Ave	Neponset River	SDO	3/1/2016	1:21:00 PM	No	No	Yes	Yes	No		1.5	Round		Concrete		Normal		Yes	Good	Grate covered with trash and leaves.
07HSDO347	Edgewater Drive/Burmah Road	Neponset River	SDO	3/1/2016	1:35:00 PM	No	No	Yes	Yes	No		1.75	Round		VC		Cracking		No		
07HSDO348	Edgewater Drive/Topalian Street	Neponset River	SDO	3/1/2016	1:43:00 PM	No	No	Yes	Yes	Yes	10	2	Round		Concrete		Normal		Yes	Good	Grate had trash and leaves in it.
08BSDO122	Easement/North Of Spring St.	Charles River	SDO	6/16/2016	10:55:04 AM	Yes	No	Yes	Yes	Yes	40	2.5									
08BSDO126	Spring Street Extended	Charles River	SDO	6/15/2016	5:02:32 PM	Yes	No	Yes	No	No		2.25									
08BSDO126	Spring Street Extended	Charles River	SDO	6/15/2016	5:02:32 PM	Yes	No	Yes	No	No		2.25									
08CSDO25	Wedgemere Road	None Shown	SDO	6/16/2016	11:55:09 AM	No	No	Yes	Yes	Yes	50	2									
08CSDO26	Wedgemere Road	None Shown	SDO	6/16/2016	11:40:46 AM	No	No	Yes	Yes	Yes	50	2									
08ESDO31	Turtle Pond Parkway	Turtle Pond	SDO	6/16/2016	12:18:50 PM	Yes	No	Yes	Yes	No		2.5									
08ESDO33	Turtle Pond Parkway	Turtle Pond	SDO	6/16/2016	12:48:57 PM	Yes	No	Yes	Yes	No		0.83									
08ESDO35	Washington Street	Turtle Pond	SDO	6/16/2016	12:30:52 PM	Yes	No	Yes	Yes	No		1.25									
08FSDO1	Sherrin Street	None Shown	SDO	3/1/2016	2:06:00 PM	No	No	Yes	Yes	No		2	Round		Concrete		Normal		No		Sediment was muddy and leaves were mixed in.
08ISDO153	Duxbury Road	Neponset River	SDO	1/20/2016	12:00:00 PM	Yes	No	Yes	Yes	No		1.5	Round		VC		Normal		No		
08ISDO154	Easement/River St/Gladeside Ave	Neponset River	SDO	6/23/2016	12:09:14 PM	Yes	No	Yes	Yes	No		1.5									
08ISDO155	Easement/River St/Mamelon Cir	Neponset River	SDO	1/20/2016	11:23:00 AM	Yes	No	Yes	Yes	No		1.5	Round		Concrete		Normal		No		
08ISDO156	Easement/River St/Mamelon Cir	Neponset River	SDO	6/23/2016	1:43:14 PM	No	No	Yes	Yes	No		2									
08ISDO158	Easement/River St/Fremont St	Neponset River	SDO	6/23/2016	12:35:07 PM	Yes	No	Yes	Yes	No		1.5									
08ISDO207	Meadowbank Ave Ext	Neponset River	SDO	1/20/2016	11:34:00 AM	Yes	No	Yes	Yes	No		1.5	Round		Concrete		Normal		No		
08ISDO209	Meadowbank Ave Ext	Neponset River	SDO	1/20/2016	11:51:00 AM	Yes	No	Yes	Yes	No		1	Round		Concrete		Normal		No		
08JSDO102	Adams Street	Neponset River	SDO	1/20/2016	12:46:00 PM	No	Yes	Yes	Yes	No		1.25	Round		VC		Cracking		No		
08JSDO103	Easement/Central Ave Bridge	Neponset River	SDO	6/23/2016	11:21:55 AM	Yes	No	Yes	Yes	No		2.5									
08JSDO41	River Street	Neponset River	SDO	4/28/2016	12:52 PM	No	No	Yes	Yes	No		1	Round		Concrete		Normal		No		
08JSDO50	Desmond Rd	Neponset River	SDO	6/23/2016	11:40:17 AM	No	No	Yes	Yes	No		2									
08KSDO49	Bearse Avenue	Neponset River	SDO	1/20/2016	12:55:00 PM	Yes	Yes	Yes	Yes	No		1	Round		VC		Normal		No		
09BSDO49	Easement/Rivermoor St	Cow Island Pond/Charles River	SDO	6/22/2016	9:45:27 AM	No	No	Yes	Yes	No		2.5									
09ESDO229	Grandview Street	None Shown	SDO	6/22/2016	12:57:07 PM	No	No	No	No	No		1									
09ESDO243	Blue Ledge Tr/Easement	Unnamed Stream	SDO	6/22/2016	1:28:02 PM	No	No	Yes	Yes	No		3									
09KSDO100	Easement/Mellish Rd	Neponset River	SDO	6/29/2016	1:08:31 PM	No	Yes	Yes	Yes	Yes	100	2									
09KSDO101	Easement/Huntoon St Ext	Neponset River	SDO	6/29/2016	1:09:33 PM	No	Yes	Yes	Yes	No		2									
09KSDO16	Easement/Bearse Ave Ext	Neponset River	SDO	1/20/2016	1:29:00 PM	No	Yes	Yes	Yes	Yes	50	1.25	Round		VC		Cracking		No		
09LSDO095	Granite Avenue	Neponset River	SDO	6/13/2016	12:15:15 PM	Yes	Yes	Yes	Yes	No		3									
10BSDO15	Easement/Charles River Road	Cow Island Pond/Charles River	SDO	6/22/2016	10:15:05 AM	Yes	No	Yes	Yes	No		2									
10LSDO094	Easement/Gallivan Blvd	Neponset River via Davenport Brook	SDO	6/30/2016	1:25:13 PM	No	Yes	Yes	Yes	No		6.17									
10LSDO096	Hilltop & Lexondale Sts	Neponset River	SDO	6/13/2016	12:42:47 PM	No	Yes	Yes	Yes	Yes	5	3									
11BMH49	Vfw Pkwy @ Glenham St	DCR Drain to Charles	Interconnection	3/9/2016	11:09:00 AM																
11BSDO123	Easement/East Of Baker St Ext.	Brook Farm Brook/Charles River	SDO	6/22/2016	10:36:24 AM	Yes	No	No	No	Yes	100	2.5									
11GSDO344- 11GMH246	Culvert Under Walk Hill Street	Canterbury Brook	SDO	6/29/2016	4:22:49 PM	No	No	No	No	No		13.5									
11GSDO344- unmapped	Culvert Under Walk Hill Street	Canterbury Brook	SDO	6/29/2016	4:22:49 PM	No	No	No	No	No		13.5									
11ISDO577	Harvard St	Canterbury Brook	SDO	6/23/2016	10:51:23 AM	No	No	Yes	Yes	Yes	50	2									
11MSDO093	Neponset Ave At Nw End Of Neponset Ave Bridge	Neponset River	SDO	6/30/2016	1:10:10 PM	Yes	Yes	Yes	Yes	No		4									
12BSDO10	Baker Street	Brook Farm Brook	SDO	6/22/2016	11:10:33 AM	Yes	No	Yes	No	Yes	100										
12BSDO124	Easement/Lagrange Street	Brook Farm Brook	SDO	6/22/2016	12:39:34 PM	Yes	No	Yes	Yes	Yes	20	10									
12BSDO124	Easement/Lagrange Street	Brook Farm Brook	SDO	6/22/2016	12:39:34 PM	Yes	No	Yes	Yes	Yes	20	10									
12BSDO14	Baker Street	Brook Farm Brook	SDO	6/22/2016	11:11:57 AM	Yes	No	Yes	No	Yes	100	1									
12BSDO31/12BSDO33	Easement/Baker Street	Brook Farm Brook	SDO	6/22/2016	12:06:54 PM	No	No	No	No	No		1.5									
12ESDO418	Easement/Walter Street (Renumbered From 12F322)	None Shown	SDO	6/27/2016	3:56:49 PM	No	No	Yes	Yes	No		2									
12FSDO305	Easement/Arborough Road	Unnamed Wetlands	SDO	6/27/2016	1:58:50 PM	No	No	Yes	Yes	No		2									
12HSDO1-12HMH24(26)	Morton Street	Canterbury Brook	SDO	6/29/2016	4:34:54 PM	No	No	No	No	No		13.5									
12HSDO1-12HMH29(27)	Morton Street	Canterbury Brook	SDO	6/29/2016	4:34:54 PM	No	No	No	No	No		13.5									
12HSDO92	American Legion Highway	Canterbury Brook	SDO	6/29/2016	11:18:26 AM	No	No	Yes	Yes	Yes	100	2									
12LSDO092	Pine Neck Creek/Tenean St West Of Lawley	Neponset River	SDO	6/29/2016	1:51:18 PM	No	Yes	Yes	Yes	Yes	45	6									
12LSDO296	Conley Street	DCR Drain to Dorchester Bay	Interconnection	6/13/2016	1:21:34 PM					No		3.5									
12MSDO091	Ericsson/Walnut St	Neponset River	SDO	6/30/2016	1:02:58 PM	No	Yes	Yes	Yes	Yes	25	3									
13BSDO11	Lagrange Street	Unnamed Stream	SDO	6/29/2016	12:08:41 PM	Yes	No	Yes	Yes	Yes	100	1									
13DSDO077	West Roxbury Pky/Vfw Pky	Bussey Brook	SDO	6/29/2016	9:34:44 AM	Yes	No	Yes	Yes	No		5									
13DSDO078	West Roxbury Pky/Vfw Pky	Bussey Brook	SDO	6/29/2016	9:29:02 AM	Yes	No	Yes	Yes	Yes	15	5									
13ESDO174	Easement/Vfw Parkway	Bussey Brook	SDO	6/29/2016	2:45:25 PM	No	No	Yes	Yes	Yes	20	2									
13ESDO175	Easement/Vfw Pky	Bussey Brook	SDO	6/29/2016	11:13:04 AM	Yes	No	Yes	Yes	Yes	20	9									
13ESDO176	Easement/Weld St	None Shown	SDO	6/29/2016	11:52:26 AM	No	No	No	No	No		1.25									
13FSDO11	Allandale Street	Bussey Brook	SDO	6/27/2016	1:47:34 PM	No	No	Yes	Yes	No		5									
13FSDO12	Walter Street	Bussey Brook	SDO	6/27/2016	1:26:37 PM	No	No	Yes	Yes	No		4.5									
13FSDO95	Easement/Bussey Street	Bussey Brook	SDO	6/27/2016	1:25:02 PM	No	No	Yes	Yes	No		1									
13FSDO96	South St	Marsh	SDO	6/27/2016	4:18:35 PM	No	No	Yes	Yes	No											
13FSDO97	South St	Marsh	SDO	6/27/2016	4:20:50 PM	No	No	Yes	Yes	No											
13LSDO090	Victory Rd. 200 Ft South	Dorchester Bay	SDO	6/29/2016	11:25:25 AM	Yes	Yes	Yes	Yes	No		12									
13LSDO137	Tenean Street	DCR Drain to Dorchester Bay	Interconnection	6/13/2016	1:35:21 PM					No		4.5									
14CSDO9	Easement/Westgate Rd	Unnamed Wetlands	SDO	6/29/2016	10:42:09 AM	Yes	No	Yes	Yes	No		3									
14EMH36	Payson Road @ Hackensack Road	Brookline Drains	Interconnection	3/9/2016	11:16:00 AM																
15FSDO288	Arnold Arboretum/Murray Circle	Goldsmith Brook	SDO	6/22/2016	12:48:03 PM	No	No	Yes	Yes	No		4.5									
15LSDO088	Freeport Way Extended	Dorchester Bay	SDO	6/29/2016	11:49:59 AM	Yes	Yes	Yes	Yes	No		7									
15LSDO089	Fox Point Rd Extended	Dorchester Bay	SDO	6/29/2016	12:15:38 PM	No	Yes	No	No	Yes	100	8									
16LSDO097	Easement/Off Savin Hill Ave	Patten's Cove	SDO	6/29/2016	1:20:51 PM	No	Yes	Yes	Yes	No		2									
16LSDO122	Morrissey Blvd	Dorchester Bay	SDO	6/29/2016	12:47:48 PM	No	Yes	Yes	Yes	Yes	40	9									
17FSDO12	Francis Parkman Drive	Jamaica Pond	SDO	6/22/2016	3:46:48 PM	Yes	No	Yes	Yes	No		1.33									
17MSDO33	Harbor Point Park (Relocated Mt Vernon St Drain)	Old Harbor	SDO	6/30/2016	1:45:04 PM	No	Yes	Yes	Yes	Yes	10	6									
18GSDO233	X-Country Btn Willow Pond Rd And Jamaicaway	Muddy River-Leverett Pond	SDO	6/22/2016	4:04:14 PM	Yes	No	Yes	Yes	No		1.5									
18LCSO086	William J Day Blvd At Carson Beach	Dorchester Bay	CSO	7/28/2016	12:27:38 PM	No	Yes	No	No												
19GSDO043	Huntington Ave	Muddy River	SDO	3/1/2016	2:15:00 PM	Yes	No	Yes	No	No			Round		Concrete		Normal		No		Outfall located under a culvert, visible but not accesible.
19GSDO194	South Huntington Ave	Muddy River	SDO	3/1/2016	2:08:00 PM	Yes	No	Yes	No	No		2	Other	Unknown	Other	Unknown	Other	Unknown			Under Bridge/culvert.
19GSDO199	Jamaica Way	Muddy River	SDO	1/21/2016	8:40:00 AM	No	No	Yes	Yes	No		0.83	Round		Concrete		Normal		No		
19LCSO084	William J Day Blvd At H St	Dorchester Bay	CSO	7/13/2016	1:25:08 PM	No	Yes	No	No												
19LCSO085	William J Day Blvd At Babe Ruth Rd	Dorchester Bay	CSO	7/21/2016	2:18:44 PM	No	Yes	No	No												
19MCSO082	William J Day Blvd At N St	Dorchester Bay	CSO	7/13/2016	12:15:26 PM	No	Yes	No	No												
19MCSO083	William J Day Blvd At K St	Dorchester Bay	CSO	7/13/2016	1:00:40 PM	No	Yes	No	No												
19NCSO081	William J Day Blvd At Farragut Rd	Dorchester Bay	CSO	7/13/2016	11:15:45 AM	Yes	Yes	No	No												
20DMH19	Prendergast Ave (Bc/Chestnut Hill Reservoir)	Brookline Drains	Interconnection	3/9/2016	12:51:00 PM																
20DMH62	Kilsyth At Englewood	Brookline Drains	Interconnection	3/9/2016	1:15:00 PM																
20DNP140	42 Strathmore Road	Brookline Drains to Village Brook	Interconnection	3/9/2016	1:44:00 PM																
20GSDO161	Easement/Brookline Ave	Muddy River	SDO	3/1/2016	1:52:00 PM	Yes	No	Yes	Yes	Yes	30	2	Round		Concrete		Normal		Yes	Good	
20GSDO163	Easement/Riverway	Muddy River	SDO	1/21/2016	9:41:00 AM	No	No	Yes	No	Yes	100	1.5	Round		Other	Unknown	Other	Unknown			
20GSDO164	Brookline Ave	Muddy River	SDO	1/21/2016	10:03:00 AM	No	No	No	No	Yes	100	UNK	Other	Unknown	Other	Unknown	Other	Unknown			
21CSDO212	Easement/Lake Shore Road	Chandler Pond	SDO	5/19/2016	10:15 AM	Yes	No	Yes	Yes	Yes	20	2	Round		Concrete		Normal		No		No observable flow at outfall.
21DMH319	Village Brook-Kilsyth	Brookline Drains to Village Brook	Interconnection	3/9/2016	1:53:00 PM																
21EMH64	Tannery Brook	Brookline Drains to Tannery Brook	Interconnection	3/9/2016	2:13:00 PM																
21EMH86	Village Brook-Cummings	Brookline Drains to Village Brook	Interconnection	3/9/2016	2:22:00 PM																
21HCSO046-1_15GMH290	Fenway	Charles River; Muddy River	CSO	7/13/2016	10:47:05 AM																
21HCSO046-1_19HMH222	Fenway	Charles River; Muddy River	CSO	7/13/2016	11:30:27 AM																
21HCSO046-1_22IMH194	Fenway	Charles River; Muddy River	CSO	7/13/2016	4:08:44 PM																
21HSDO045	Park Drive	Muddy River	SDO	1/21/2016	11:33:00 AM	No	No	No	No			6	Round		Concrete		Normal		No		
21HSDO047 (20HMH38)	Palace Road Ext	Muddy River	SDO	3/1/2016	1:27:00 PM	No	No	No	No	Yes	100	2	Other	Unknown	Other	Unknown	Other	Unknown			Outfall submerged in muddy river, sampling location noted as manhole.
21HSDO048	Easement/Fenway/Evans Way	Muddy River	SDO	3/1/2016	1:38:00 PM	No	No	No	No	Yes	100	1.25	Other	Unknown	Other	Unknown	Other	Unknown			
21KCSO070	West Fourth St	Fort Point Channel	CSO	7/22/2016	7:34:04 AM	Yes	Yes	Yes	Yes												
21KSDO069	125' North Of W.Fourth Street	Fort Point Channel	SDO	3/1/2016	12:37:00 PM	Yes	Yes	Yes	Yes	Yes	30	4	Other	Unknown	Concrete		Normal		Yes	Good	
21LCSO076	Pappas Wy	Reserved Channel	CSO	7/14/2016	1:15:39 PM	Yes	Yes	Yes	Yes												
21MCSO078	East First St	Reserved Channel	CSO	7/14/2016	12:50:20 PM	Yes	Yes	Yes	Yes												
21MCSO079	Summer St	Reserved Channel	CSO	7/14/2016	12:20:46 PM	Yes	Yes	No	No												
21MSDO010	D Street Extended	Reserved Channel	SDO	7/7/2016	8:00:05 AM	No	Yes	Yes	Yes												
21MSDO50	Summer Street	Reserved Channel	SDO	7/7/2016	8:20:42 AM	No	Yes	Yes	Yes												
21NCSO80	South Boston	Inner Harbor- Reserve Channel	CSO	3/1/2016	8:33:00 AM	No	Yes	No	No	Yes	100	6x6	Other	Unknown	Other	Unknown	Other	Unknown			Outfall on MASSport property, no access.
22CSDO384	Easement/Lake Shore Rd	Chandler Pond	SDO	5/19/2016	10:36 AM	Yes	No	Yes	Yes	Yes	20	3	Round		Concrete		Normal		No		
22KCSO065	Dorchester Av	Fort Point Channel	CSO	7/22/2016	9:36:35 AM	Yes	Yes	Yes	Yes												

Facility ID	Weather	Air Temp F	Time Since Last Rain	Quantity Rain 24h	Time Low Tide	Sampling Location	Is There Flow?	If Flow-Velocity	If Submerged-percent	Sediment Depth percent	Depth Water plus Sed percent	Odor	Other Odor	Color	Other Color	Floatables	Other Floatables	Turbidity	Deposits Stains	Other Deposits Stains	Manhole Facility ID	Pipe Diameter inches	Pipe Shape	Other Pipe_Shape	Pipe Material	Other Pipe Material	Condition
01ESDO24	Sunny	23	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		1EMH21	15	Round		VC		Normal
01FSDO31	Sunny	23	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		1FMH21	30	Round		Concrete		Normal
02ESDO5	Sunny	23	>48 Hours	<0.1 Inch		Manhole	Dry	None		2	2	None							Sediments		2EMH85	12	Round		VC		Normal
02FMH120	Sunny	54	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		2FMH120	15	Round		VC		Normal
02FSDO120	Sunny	60	>48 Hours	<0.1 Inch		Outfall	Flow	Heavy		0	3	None		Clear		None		Clear	None						Concrete		
02FSDO85	Cloudy	55	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
02FSDO93	Cloudy	55	>48 Hours	<0.1 Inch		Manhole	Standing Water	Submerged	100	0	100	None		Other		Garbage		Cloudy	None		02FMH70	12	Round		Concrete		Normal
03ESDO185	Sunny	27	>48 Hours	<0.1 Inch		Manhole	Standing Water	Submerged	40	10	50	None		Clear		Oily Sheen		Clear	None		3EMH107	24	Round		Concrete		Normal
03ESDO186	Sunny	28	>48 Hours	<0.1 Inch		Manhole	Standing Water	Submerged	20	15	35	None		Clear		None		Clear	Sediments		3EMH91	24	Round		Concrete		Normal
03ESDO207	Sunny	49	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None						Other	Unknown	Yes
03FMH56	Sunny	59	>48 Hours	<0.1 Inch		Manhole	Flow	Moderate		0	1	None		Clear		None		Clear	None		3FMH56	15	Round		VC		Normal
04ESDO64	Sunny	27	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		4EMH30	12	Round		VC		Normal
04ESDO69	Sunny	60	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		4EMH67				Concrete		
04FMH90	Sunny	59	>48 Hours	<0.1 Inch		Manhole	Flow	Slow		1	2	None		Clear		None		Clear	Sediments		4FMH90	21	Round		VC		Normal
04FSDO1	Sunny	26	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
04FSDO118	Sunny	26	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		4FMH58	12	Round		VC		Normal
04FSDO119	Cloudy	62	>48 Hours	<0.1 Inch		Manhole	Standing Water	None		0	50	None		Clear		None		Cloudy	None		4FMH47				Concrete		
04FSDO16	Sunny	26	>48 Hours	<0.1 Inch		Manhole	Standing Water	Submerged	30	10	40	None		Clear		None		Cloudy	Sediments		4FMH208	24	Round		Other	Brick	Normal
04FSDO189	Sunny	49	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		5FMH37	24	Round		Concrete		Normal
04FSDO203	Sunny	25	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
04FSDO204	Sunny	63	>48 Hours	<0.1 Inch		Manhole	Dry	None											None		4FMH219						
04FSDO204	Sunny	45	> 48 hours	<0.1 Inch		Manhole	Flow	Moderate		0	0	Sewage		Grey		Sewage		Suspended Solids	Oil		4FMH219						
05CSDO110	Sunny	75	>48 Hours	<0.1 Inch		Manhole	Standing Water	None		4	5	None		Clear		None		Clear	Sediments		5CMH14				Concrete		
05ESDO180	Sunny	52	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
05ESDO181	Sunny	52	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		5ECB5	12	Other	Unknown	Other	Unknown	Normal
05ESDO182	Sunny	70	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		5EMH152				Concrete		
05ESDO183	Sunny	52	>48 Hours	<0.1 Inch		Outfall	Dry	None		50	50	None							None								
05ESDO184	Sunny	70	>48 Hours	<0.1 Inch		Manhole	Standing Water	None			10	None		Clear		None		Suspended Solids	None		5EMH120				Concrete		
05FSDO117	Sunny	60	>48 Hours	<0.1 Inch		Outfall	Flow	Moderate		0	0	None		Clear		None		Clear	None						Concrete		
05FSDO244	Sunny	47	>48 Hours	<0.1 Inch		Manhole	Standing Water	Submerged	50	0	50	None		Clear		None		Clear	None		4FMH71	24	Round		Other	Unknown	Normal
05FSDO245	Sunny	65	>48 Hours	<0.1 Inch		Manhole	Standing Water	None			50	None									5FMH210				VC		
05FSDO253	Sunny	75	>48 Hours	<0.1 Inch		Manhole	Flow	Moderate			0.2	None		Clear		None		Clear	None		5FMH289						
05FSDO254	Sunny	49	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
05GSDO112	Sunny	50	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
05GSDO115	Sunny	50	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
05GSDO116	Cloudy	76	>48 Hours	<0.1 Inch		Outfall	Flow	Moderate		0	1	None		Clear		None		Clear	Other	Orange-brown stain					Other	Lined VC	
05GSDO116A	Cloudy	75	>48 Hours	<0.1 Inch		Outfall	Dry	None				None				None			None						VC		
06CMH117	Sunny	62	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		6CMH117	12	Round		Other	HDPE	Normal
06DMH97	Sunny	62	>48 Hours	<0.1 Inch		Manhole	Flow	Moderate		0	5	None		Clear		None		Clear	Other	Orange stain	6DMH97	51	Round		Concrete		Normal
06DSDO184	Sunny	32	>48 Hours	<0.1 Inch		Outfall	Standing Water	Submerged	50	0	50	None		Clear		None		Clear	None								
06DSDO187	Sunny	80	>48 Hours	<0.1 Inch		Manhole	Flow	Slow		5	35	None		Clear		None		Clear	Sediments		6DMH108						
06DSDO57	Sunny	75	>48 Hours	<0.1 Inch		Manhole	Standing Water	None		0	5	None		Clear		None		Clear	None		7DMH137						
06DSDO83	Sunny	32	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
06DSDO84	Sunny	32	>48 Hours	<0.1 Inch		Manhole	Dry	None		10	10	None							Sediments		6DMH82	12	Round		Concrete		Normal
06DSDO85	Sunny	32	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		6DMH88	12	Round		Concrete		Normal
06DSDO86	Sunny	32	>48 Hours	<0.1 Inch		Outfall	Standing Water	Submerged	100	0	100	None		Clear		None		Clear	None								
06DSDO91	Sunny	32	>48 Hours	<0.1 Inch		Outfall	Standing Water	Submerged	100	0	100	None		Clear		None		Clear	None								
06FSDO233	Sunny	70	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
06GSDO108	Cloudy	75	>48 Hours	<0.1 Inch		Outfall	Flow	Slow			0	None		Clear		None		Cloudy	None						Concrete		
06GSDO109	Sunny	69	>48 Hours	<0.1 Inch		Outfall	Dry	None																			
06GSDO110	Sunny	69	>48 Hours	<0.1 Inch		Manhole	Flow	Slow		0	0.5	Sewage		Clear		None		Clear	None		6GMH46						
06GSDO111	Sunny	69	>48 Hours	<0.1 Inch		Outfall	Flow	Slow		0		None		Clear		None		Clear	Other	Green colored stain from water/algae growth							
06GSDO165	Sunny	70	>48 Hours	<0.1 Inch		Outfall	Flow	Slow	0	0	0	Musty	Sewage	Clear		None		Clear	Oil								
06GSDO166	Sunny	70	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
06HSDO106	Sunny	50	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
06HSDO107	Sunny	50	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
07CSDO006	Sunny	80	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None									7CMH210				Concrete		
07CSDO006	Sunny	80	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0										7CMH204				Concrete		
07CSDO006	Sunny	80	>48 Hours	<0.1 Inch		Manhole	Standing Water	None		0	60	None		Clear		None		Clear	None		7CMH11				Concrete		
07HSDO105	Cloudy	46	>48 Hours	<0.1 Inch		Outfall	Flow	Heavy		0	5	Sewage		Clear		Garbage		Clear	Other	Grey slime							Normal
07HSDO285	Sunny	75	>48 Hours	<0.1 Inch		Outfall	Flow	Heavy			2	Sewage		Grey		None		Cloudy	Oil	Greasy flowline					Concrete		
07HSDO346	Sunny	46	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								Normal
07HSDO347	Sunny	45	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								Normal
07HSDO348	Sunny	45	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		7HMH328	18	Round		Concrete		Normal
08BSDO122	Sunny	71	>48 Hours	<0.1 Inch		Manhole	Standing Water	None	40	0	30	None		Clear		None		Clear	None		8BCB46				Concrete		
08BSDO126	Sunny	80	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0										8BMH37				Concrete		
08BSDO126	Sunny	80	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0										8BMH111				Concrete		
08CSDO25	Sunny	71	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0										8CMH355				Concrete		
08CSDO26	Sunny	71	>48 Hours	<0.1 Inch		Manhole	Flow	Moderate		0	5	None		Clear		None		Clear	None		8CMH355				Concrete		
08ESDO31	Sunny	73	>48 Hours	<0.1 Inch		Outfall	Flow	Moderate		0	2	None		Clear		None		Clear	None						Concrete		
08ESDO33	Sunny	73	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None													Concrete		
08ESDO35	Sunny	73	>48 Hours	<0.1 Inch		Outfall	Flow	Slow	0	5	7	None		Clear		Oily Sheen		Clear	Sediments						Concrete		
08FSDO1	Sunny	46	>48 Hours	<0.1 Inch		Outfall	Dry	None		15	15	None							Sediments								
08ISDO153	Sunny	26	>48 Hours	<0.1 Inch		Outfall	Dry	None			0	None							None								
08ISDO154	Sunny	77	>48 Hours	<0.1 Inch		Outfall	Flow	Slow			2	None		Clear		None		Clear	None						Concrete		
08ISDO155	Sunny	26	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
08ISDO156	Sunny	79	>48 Hours	<0.1 Inch		Outfall	Dry	None				None							None						Concrete		
08ISDO158	Sunny	79	>48 Hours	<0.1 Inch		Outfall	Dry	None																	Concrete		
08ISDO207	Sunny	26	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
08ISDO209	Sunny	26	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
08JSDO102	Sunny	26	>48 Hours	<0.1 Inch	2:04	Outfall	Dry	None		0	0	None							None								
08JSDO103	Sunny	77	>48 Hours	<0.1 Inch		Outfall	Flow	Moderate			1	None		Clear		None		Clear	None						Concrete		
08JSDO41	Sunny	52	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
08JSDO50	Sunny	79	>48 Hours	<0.1 Inch		Outfall	Flow	Moderate		0	5	None		Clear		None		Clear	None						Concrete		
08KSDO49	Sunny	26	>48 Hours	<0.1 Inch	2:04	Outfall	Dry	None		0	0	None							None								
09BSDO49	Sunny	73	>48 Hours	<0.1 Inch		Outfall	Dry	None		50	50								Sediments						Concrete		
09ESDO229	Cloudy	78	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0										9EMH191						
09ESDO243	Sunny	78	>48 Hours	<0.1 Inch		Outfall	Flow	Moderate		1	5	None		Clear		None		Clear	Sediments						Concrete		
09KSDO100	Sunny	87	>48 Hours	<0.1 Inch	1:04:00 AM	Manhole	Dry	None				None							None		9KMH64				Concrete		
09KSDO101	Sunny	87	>48 Hours	<0.1 Inch	1:04:00 AM	Outfall	Flow	Slow		15	20	None		Clear		None		Clear	Sediments						Concrete		
09KSDO16	Sunny	28	>48 Hours	<0.1 Inch	2:04	Manhole	Dry	None		0	0	None							None		8KMH50	15	Round		VC		Normal
09LSDO095	Sunny	65	>48 Hours	<0.1 Inch	12:41:00 PM	Outfall	Flow	Slow		0	0	Salt Water		Brown		None		Cloudy	None						Concrete		
10BSDO15	Sunny	75	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0								Other	Trash					Concrete		
10LSDO094	Sunny	80	>48 Hours	<0.1 Inch	2:04:00 PM	Outfall	Flow	Slow		5	25	Salt Water	Sewage	Clear		None		Clear	Sediments						Concrete		
10LSDO096	Sunny	60	>48 Hours	<0.1 Inch	12:41:00 PM	Manhole	Flow	Moderate		<1	2	Salt Water		Clear		None		Cloudy	None		10LMH166				Concrete		
11BMH49	Sunny	67	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		11BMH49	15	Round		PVC		Normal
11BSDO123	Sunny	77	>48 Hours	<0.1 Inch		Manhole	Standing Water	None		0	70	None		Clear		None		Clear			11BMH43						
11GSDO344- 11GMH246	Sunny	75	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		11GMH246						
11GSDO344- unmapped	Sunny	75	>48 Hours	<0.1 Inch		Manhole	Flow	Slow	75												Unmapped						
11ISDO577	Sunny	77	>48 Hours	<0.1 Inch		Outfall	Flow	Slow	50	5	45	Musty		Brown		Oily Sheen		Cloudy	Sediments						Other	Brick	
11MSDO093	Sunny	76	>48 Hours	<0.1 Inch	2:04:00 AM	Outfall	Flow	Moderate			2	None		Clear		None		Clear	None						Concrete		
12BSDO10	Sunny	77	>48 Hours	<0.1 Inch		Catch Basin	Dry	None													12BCB9						
12BSDO124	Cloudy	78	>48 Hours	<0.1 Inch		Manhole															12BMH24				Concrete		
12BSDO124	Cloudy	78	>48 Hours	<0.1 Inch		Manhole	Standing Water	None		0	20	None		Clear		None		Clear	None		12CMH4				Concrete		
12BSDO14	Sunny	77	>48 Hours	<0.1 Inch		Manhole															12BMH80						
12BSDO31/12BSDO33	Sunny	79	>48 Hours	<0.1 Inch		Manhole	Flow	Slow		5	10	Other	Gas	Clear		None		Clear	Sediments		12BMH32						
12ESDO418	Sunny	85	>48 Hours	<0.1 Inch		Outfall	Dry	None																	Metal		
12FSDO305	Sunny	85	>48 Hours	<0.1 Inch		Outfall	Dry	None																	PVC		
12HSDO1-12HMH24(26)	Sunny	75	>48 Hours	<0.1 Inch		Manhole	Flow	Slow		80	95	RottenEggs		Brown		Garbage		Cloudy	Sediments		12HMH24						
12HSDO1-12HMH29(27)	Sunny	75	>48 Hours	<0.1 Inch		Manhole	Standing Water	None			90	Musty		Orange		Oily Sheen		Cloudy	Sediments		12HMH29						
12HSDO92	Sunny	75	>48 Hours	<0.1 Inch		Outfall	Submerged	None	100		100														Other	Unknown	NA
12LSDO092	Sunny	78	>48 Hours	<0.1 Inch	1:04:00 PM	Manhole	Flow	Slow			20	None		Orange		None		Cloudy	None		12LMH295				Concrete		
12LSDO296	Sunny	60	>48 Hours	<0.1 Inch		Manhole	Flow	Slow		0	30	None		Clear		None		Clear	None		12LMH374						
12MSDO091	Sunny	78	>48 Hours	<0.1 Inch	2:04:00 AM	Outfall	Flow	Moderate	25	10	25	Salt Water		Clear		None		Clear	Sediments	Dense Seaweed					Concrete		
13BSDO11	Sunny	75	>48 Hours	<0.1 Inch		Manhole	Dry	None											None		13BMH10				Other	Unknown	
13DSDO077	Sunny	72	>48 Hours	<0.1 Inch		Manhole	Standing Water	None			30								None		13DMH55				Concrete		
13DSDO078	Cloudy	70	>48 Hours	<0.1 Inch		Manhole	Standing Water	None			30								None		13DMH55				Concrete		
13ESDO174	Cloudy	71	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0								None		13EMH130				Concrete		
13ESDO175	Cloudy	71	>48 Hours	<0.1 Inch		Manhole	Flow	Moderate		0	10	None		Clear		None		Clear	None		13EMH159				Concrete		
13ESDO176	Cloudy	71	>48 Hours	<0.1 Inch		Manhole	Dry	None		5	5								Sediments		13EMH166						
13FSDO11	Sunny	82	>48 Hours	<0.1 Inch		Outfall	Flow	Slow		0	1	None		Clear		None		Clear	None						Concrete		
13FSDO12	Sunny	82	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0														Concrete		
13FSDO95	Sunny	82	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0														Concrete		
13FSDO96	Sunny	82	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0														VC		
13FSDO97	Sunny	82	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0														VC		
13LSDO090	Sunny	82	>48 Hours	<0.1 Inch	1:04:00 AM	Outfall	Flow	Slow			20	None		Clear		Garbage		Cloudy	None						Concrete		
13LSDO137	Sunny	60	>48 Hours	<0.1 Inch		Manhole	Flow	Slow		0	30	Sewage		Grey		None		Cloudy	None		12LMH304						
14CSDO9	Sunny	75	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None						Concrete		
14EMH36	Sunny	67	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		14EMH36	12	Round		VC		Normal
15FSDO288	Cloudy	78	>48 Hours	<0.1 Inch		Outfall	Flow	Slow			5	Musty		Clear		None		Clear	None						Concrete		
15LSDO088	Sunny	85	>48 Hours	<0.1 Inch	1:04:00 AM	Outfall	Flow	Slow			10	None		Clear		None		Cloudy	None						Concrete		
15LSDO089	Sunny	85	>48 Hours	<0.1 Inch	1:04:00 AM	Manhole	Flow	Moderate			10	Musty		Clear		None		Cloudy	None		15LMH11						
16LSDO097	Sunny	75	>48 Hours	<0.1 Inch	1:04:00 AM	Outfall	Flow	Slow			0	Salt Water		Clear		None		Clear	Sediments						Concrete		
16LSDO122	Sunny	75	>48 Hours	<0.1 Inch	1:04:00 AM	Outfall	Flow	Moderate	40	0	40	Salt Water		Clear		None		Clear	Other	Barnacles, salt water					Concrete		
17FSDO12	Cloudy	83	>48 Hours	<0.1 Inch		Outfall	Dry	None																	Concrete		
17MSDO33	Sunny	80	>48 Hours	<0.1 Inch	2:04:00 AM	Outfall	Flow	Moderate		5	10	Salt Water		Clear		None		Clear	Sediments	Dense Seaweed					Concrete		
18GSDO233	Cloudy	83	>48 Hours	<0.1 Inch		Outfall	Flow	Slow			15	Musty		Clear		None		Clear	None						Concrete		
18LCSO086	Sunny	90	>48 Hours	<0.1 Inch	12:26:00 PM	Manhole	Flow	Slow		5	25	None		Clear		None		Clear	None		18LMH27						
19GSDO043	Sunny	43	>48 Hours	<0.1 Inch		Manhole	Flow	Slow		0	5	None		Clear		None		Clear	None		19GMH15	45	Other	Unknown	Other	Unknown	Normal
19GSDO194	Sunny	42	>48 Hours	<0.1 Inch		Manhole	Flow	Slow		0	40	None		Clear		None		Clear	None		19GMH31	24	Round		Concrete		Normal
19GSDO199	Sunny	20	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
19LCSO084	Sunny	85	>48 Hours	<0.1 Inch	12:30:00 PM	Manhole	Flow	Moderate			3	None		Clear		None		Clear			19LMH260						
19LCSO085	Sunny		>48 Hours	<0.1 Inch		Manhole	Flow	Slow			2	None		Clear		None		Clear	None		CH58698						
19MCSO082	Sunny	82	>48 Hours	<0.1 Inch	12:30:00 PM	Manhole	Flow	Moderate			2	None		Clear		None		Cloudy	None		19MMH181						
19MCSO083	Sunny	85	>48 Hours	<0.1 Inch	12:30:00 PM	Manhole	Dry	None		5	5	None							Sediments		19MMH96						
19NCSO081	Sunny	82	>48 Hours	<0.1 Inch	12:30:00 PM	Manhole	Flow	Moderate			1	None		Clear		None		Clear	None		20NMH28						
20DMH19	Sunny	77	>48 Hours	<0.1 Inch		Manhole	Flow	Heavy		0	10	None		Clear		None		Clear	None		20DMH19	77	Round		Concrete		Normal
20DMH62	Sunny	73	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		20DMH62	18	Round		Concrete		Normal
20DNP140	Sunny	74	>48 Hours	<0.1 Inch		Manhole	Flow	Moderate		0	3	Musty		Clear		None		Clear	None		20DNP140	36	Round		Other	Brick	Normal
20GSDO161	Sunny	42	>48 Hours	<0.1 Inch		Outfall	Flow	Moderate		0	30	Sewage		Clear		Other	Paper	Cloudy	None								
20GSDO163	Sunny	26	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		20GMH107	18	Round		VC		Normal
20GSDO164	Sunny	24	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		20GCB126	UNK	Round		Other	Unknown	Normal
21CSDO212	Cloudy	65	>48 Hours	<0.1 Inch		Manhole	Flow	Slow		1	2	None		Clear		Oily Sheen		Clear	None		21CMH27	24	Round		Concrete		Normal
21DMH319	Sunny	73	>48 Hours	<0.1 Inch		Manhole	Flow	Moderate		0	2	Sewage		Clear		None		Clear	None		21DMH319	36	Round		Other	Brick	Normal
21EMH64	Sunny	76	>48 Hours	<0.1 Inch		Manhole	Flow	Moderate		0	1	Soap	Gasoline	Clear		None		Clear	None		21EMH64	24	Round		VC		Normal
21EMH86	Sunny	77	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		21EMH86	15	Round		VC		Normal
21HCSO046-1_15GMH290						Manhole	Flow	Slow			2	Musty		Clear		Oily Sheen		Clear	None		15GMH290						
21HCSO046-1_19HMH222						Manhole	Flow	Slow			10	None		Clear		Oily Sheen		Clear	None		19HMH222						
21HCSO046-1_22IMH194						Manhole	Standing Water					None		Clear					None		22IMH194						
21HSDO045	Sunny	28	>48 Hours	<0.1 Inch		Manhole	Standing Water	Submerged	40	0	40	None		Clear		None		Clear	None		21HMH37	30	Round		Concrete		Normal
21HSDO047 (20HMH38)	Sunny	41	>48 Hours	<0.1 Inch		Manhole	Flow	Slow		0	5	None		Clear		None		Clear	None		20HMH38	18	Round		Concrete		Normal
21HSDO048	Sunny	41	>48 Hours	<0.1 Inch		Manhole	Dry	None		30	30	None							None		20HMH267	15	Round		Concrete		Normal
21KCSO070	Sunny	76	>48 Hours	<0.1 Inch	7:40:00 AM	Outfall	Flow	Moderate		1	10	None		Clear		Oily Sheen		Clear	Other	Marine life							
21KSDO069	Sunny	41	>48 Hours	<0.1 Inch	10:32	Manhole	Flow	Slow		0	10	None		Clear		None		Clear	None		Unlabeled T	48	Round		Concrete		Normal
21LCSO076	Cloudy	88	>48 Hours	<0.1 Inch	1:40:00 AM	Outfall	Flow	Slow	20	0	20	None		Clear		None		Cloudy	None								
21MCSO078	Cloudy	88	>48 Hours	<0.1 Inch	1:40:00 PM	Manhole	Flow	Slow		0	40	Musty		Clear		None		Clear	None		CH62297						
21MCSO079	Sunny	88	>48 Hours	<0.1 Inch	1:40:00 AM	Manhole	Flow	Moderate			3	None		Clear		Other		Suspended Solids	None		21MMH17						
21MSDO010	Cloudy	67	>48 Hours	<0.1 Inch	8:00:00 AM	Outfall	Flow	Moderate		0	5	None		Clear		Foam		Cloudy	None								
21MSDO50	Sunny	67	>48 Hours	<0.1 Inch	8:00:00 AM	Outfall	Flow	Slow		2	5	None		Clear		None		Clear	Sediments								
21NCSO80	Sunny	35	>48 Hours	<0.1 Inch	10:23	Manhole	Flow	Slow		0	4	None		Clear		None		Clear	None		21NMH9	72	Round		Other	Brick	Normal
22CSDO384	Cloudy	65	>48 Hours	<0.1 Inch		Outfall	Flow	Moderate	20	0	20	None		Clear		None		Clear	None								
22KCSO065	Sunny	80	>48 Hours	<0.1 Inch	7:40:00 AM	Manhole	Standing Water	None			Unknown	Rotten Eggs		Other	Unknown	None		Clear	Other	Unknown	22KMH197						

Facility ID	Pipe End Debris	Pipe End Broken Collapsed	Bar Screen Needs Cleared	Bar Screen Broken Missing Deter	HeadWall Corroded Pit Spall	RipRap Debris Deposition	RipRap Broken Missing	TideGate Broken Missing	Samples Collected	If No-Reason	Other Reason No Sample	Surfactants	Ammonia	Chlorine	pH	Conductivity	Temperature	Salinity	Comments	Type Bacteria	Result CFU	Duplicate Sample Collected	Result CFU
01ESDO24									No	No Flow													
01FSDO31									No	No Flow									Standing water in MH outlet but inlets all dry.				
02ESDO5									No	No Flow									Standing water in MH but inlet dry.				
02FMH120									No	No Flow									Additional inlet from NW blocked.				
02FSDO120	0	0	NA	NA	1	NA	NA	NA	Yes			0	0.1	0	7.54	2300	16.7	1.16		E. Coli	<10	No	
02FSDO85									No	No Flow									Outfall held a small amount of puddled standing water, but was observed dry just upstream of the puddle. Outlet pipe in upstream catchbasin (~5 yards away) was dry.				
02FSDO93									No	Standing Water									Manhole layout, material and pipe size taken from previous inspection notes. 02F070, 02F071, 02F072 and 02F074 all held standing water, submerging all inlets and outlets.				
03ESDO185									No	Standing Water									03E103 observed dry.				
03ESDO186									No	Standing Water									Could not locate next upstream manhole. Observed a depression in pavement that could be covering manhole.				
03ESDO207	NA	NA	NA	NA	NA	NA	NA	NA	No	No Flow													
03FMH56									Yes			0.25	0	0	7.21	1420	10.1	0.64		E. Coli	<10	No	
04ESDO64									No	No Flow													
04ESDO69	1	0	0 - No	2	0	NA	NA	NA	No	No Flow									Cannot locate downstream MH 4EMH68.				
04FMH90									Yes			0.5	0.1	0.1	6.9	6190	11.6	3.11		E. Coli	55	No	
04FSDO1									No	No Flow													
04FSDO118									No	No Flow									MH 04F055 also observed dry. 04F056 and 04F057 observed standing water.				
04FSDO119		0	NA		2	0	0	0	No	Standing Water													
04FSDO16									No	Standing Water									Upstream manholes within 800ft of outfall all held standing water. Upstream of both the NE and SW inlets of 04F115, the manholes also held significant amounts of sediment that could have obstructed flow and/or caused the collection of standing water.				
04FSDO189									No	No Flow									OF submerged, next two MHs were standing water, third upstream DMH dry.				
04FSDO203									No	No Flow													
04FSDO204									No	No Flow									Outfall beyond train tracks, unable to access.				
04FSDO204									Yes										Could not access outfall over MBTA tracks. Sampled from 1st upstream manhole. Did not perform test kit. Visual evidence of sewage observed in flow and in sump of manhole.	E. Coli	>80,000	No	
05CSDO110	3	0	4 - Yes	0	0	0	0	0	No	Standing Water													
05ESDO180									No	No Flow													
05ESDO181									No	No Flow									OF submerged with water and sediment/debris, two CBs upstream, the pipe was dry.				
05ESDO182	0	0	NA	NA	NA	NA	NA	NA	No	No Flow									Downstream MH standing water.				
05ESDO183									No	No Flow									Heavily covered in sediment/debris.				
05ESDO184	0	0	NA	NA	0	NA	NA	NA	No	Standing Water	Dry								N inlet dry, W inlet standing water but no further upstream MHs to investigate.				
05FSDO117	0	0	NA	NA	0	NA	NA	NA	Yes			0	0.4	0	7.6	2490	17	1.27		E. Coli	20	No	
05FSDO244									No	Standing Water									Standing water at outfall, DMH 05F213 CNL. Upstream MHs standing water.				
05FSDO245	0	0	NA	NA	NA	NA	NA	NA	No	Standing Water									Standing water, followed MHs upstream. Standing water three MHs up from outfall. No sample collected.				
05FSDO253									Yes			0	0	0	7.84	1674	17.1	0.84	Could not access outfall or first upstream MH due to fence.	E. Coli	130	No	
05FSDO254									No	No Flow													
05GSDO112									No	No Flow													
05GSDO115									No	No Flow													
05GSDO116	0	3	NA	NA	NA	NA	NA	NA	Yes			0	0.4	1	8.06	678	18.3	0.4		E. Coli	<10	No	
05GSDO116A	0	0	NA	NA	1	NA	NA	NA	No	No Flow													
06CMH117									No	No Flow													
06DMH97									Yes			0.25	0.6	0	6.94	1607	10.1	0.741		E. Coli	780	No	
06DSDO184									No	Standing Water									Can not locate upstream manholes.				
06DSDO187									Yes			0.25	3	0.2	6.46	1480	14.4	0.89	Unable to locate outfall.	E. Coli	>80,000	No	
06DSDO57									No	Standing Water									Unable to locate outfall.				
06DSDO83									No	No Flow													
06DSDO84									No	No Flow													
06DSDO85									No	No Flow									Outfall sign say 86, actually outfall 85.				
06DSDO86									No	Standing Water									No upstream features. Oufall located under ice, unable to see condition.				
06DSDO91									No	Standing Water									Outfall 100% submerged. No upstream features besides CB's that held standing water.				
06FSDO233									No	No Flow													
06GSDO108	0	0	NA	NA	2	NA	NA	NA	Yes			1	10	0	7.44	924	18	0.55		E. Coli	54,000	No	
06GSDO109	0	0	NA	NA	3	NA	NA	NA	No	No Flow													
06GSDO110									Yes			1	0.4	0	8.5	2310	20.2	1.36		E. Coli	6,600	No	
06GSDO111	0	0	NA	NA	1	NA	NA	NA	Yes			0	0	0.1	8.55	5720	17.9	3.06		E. Coli	100	No	
06GSDO165	0	0	NA	NA	0	0	0	NA	Yes			2	2	0	7.65	13690	23.2	0.08	Trickling flow. Observed slimy flow line in channel invert.	E. Coli	48,000	No	
06GSDO166	0	0	NA	NA	0	0	0	NA	No	No Flow													
06HSDO106									No	No Flow													
06HSDO107									No	No Flow													
07CSDO006	0	0	0 - No	0	0	0	0	0	No	No Flow													
07CSDO006	0	0	0 - No	0	0	0	0	0	No	No Flow													
07CSDO006	0	0	0 - No	0	0	0	0	0	No	Standing Water									CNL 08CMH310 and it is located more then 750 feet from the outfall.				
07HSDO105									Yes			0.5	0.3	0.1	7.39	1055	9.5	0.48		E. Coli	>80,000	No	
07HSDO285	NA	0	NA	NA	0	0	0	NA	Yes			1	10	0.1	7.55	1268	20.9	0.63		E. Coli	>80,000	No	
07HSDO346									No	No Flow													
07HSDO347									No	No Flow													
07HSDO348									No	No Flow									Crack in the invert. 07H329 NE inlet observed dry. 07H331 SW inlet observed dry.				
08BSDO122	0	0	NA	NA	0	NA	NA	NA	Yes			0	4	0.3	7.67	1053	19.9	0.62	Sampled from manhole upstream of 8BSDO122, mapped as catch basin 8BCB46.	E. Coli	>80,000	No	
08BSDO126	0	0	0 - No	0	0	0	0	0	No	No Flow													
08BSDO126	0	0	0 - No	0	0	0	0	0	No	No Flow													
08CSDO25	0	0	NA	NA	0	NA	NA	NA	No	No Flow									Some flow from NW inlet getting into 8CSDO25 outlet but a majority of the flow is going to 8CSDO26. Sampled water as 8CSDO26. NE inlet observed dry.				
08CSDO26	0	0	NA	NA	0	NA	NA	NA	Yes			0	0	0	7.93	660	17.2	0.39	Majority of flow from NW inlet going to this outlet. Some flow going to 8CSDO25. Sampled water as 8CSDO26, marked 8CSDO25 as dry since NE inlet was dry.	E. Coli	370	No	
08ESDO31	0	0	NA	NA	0	NA	NA	NA	Yes			0.25	0	0	7.5	1590	16.4	0.95		E. Coli	3,100	No	
08ESDO33	0	0	NA	NA	0	NA	NA	NA	No	No Flow													
08ESDO35	1	0	NA	NA	0	1	1	NA	Yes			0	0	0.2	7.8	3210	19.3	2.01		E. Coli	49,000	No	
08FSDO1									No	No Flow													
08ISDO153									No	No Flow													
08ISDO154	0	0	NA	NA	0	NA	NA	NA	Yes			0	0	0	7.8	1168	17.1	0.58		E. Coli	90	No	
08ISDO155									No	No Flow													
08ISDO156	0	0	NA	NA	0	NA	NA	NA	No	No Flow													
08ISDO158	0	0	NA	NA	0	0	1	NA	No	No Flow													
08ISDO207									No	No Flow													
08ISDO209									No	No Flow													
08JSDO102									No	No Flow													
08JSDO103	0	0	NA	NA	0	NA	NA	NA	Yes			0	1	0	7.69	3580	18	1.89		E. Coli	730	Yes	1,000
08JSDO41									No	No Flow													
08JSDO50	0	0	NA	NA	0	NA	NA	NA	Yes			0	0	0	7.78	1251	17	0.62		E. Coli	<10	No	
08KSDO49									No	No Flow													
09BSDO49	2	0	4 - Yes	1	0	NA	NA	NA	No	No Flow									Bars on outfall are corroding.				
09ESDO229									No	No Flow									Can not access outfall.				
09ESDO243	1	0	NA	NA	NA	NA	NA	NA	Yes			0	0.6	0	7.3	2180	18.3	1.12		E. Coli	6,000	No	
09KSDO100	1	0	NA	NA	0	NA	NA	NA	No	No Flow													
09KSDO101	1	0	NA	NA	0	NA	NA	NA	Yes			0	0.8	0	7.13	3140	22.2	1.54		Enterococci	9,000	No	
09KSDO16									No	No Flow													
09LSDO095	0	0	NA	NA	NA	0	0	NA	Yes			1	0.4	0	7.31	OR	19.2	OR		Enterococci	130	No	
10BSDO15	2	0	0 - No	0	0	0	0	NA	No	No Flow									Trash in grate.				
10LSDO094	0	0	NA	NA	0	NA	NA	NA	Yes			0.5	0.6	0	7.34	5630	17.9	3.6		Enterococci	3,100	No	
10LSDO096	0	0	NA	NA	NA	0	0	NA	Yes			1.5	0.8	0	7.29	14450	17.9	8.3	NE inlet was dry.	Enterococci	5,700	Yes	5,500
11BMH49									No	No Flow													
11BSDO123									No	Standing Water									Lots of pollen on standing water.				
11GSDO344- 11GMH246									No	No Flow									Could not locate outfall. Suspect it is located under bridge, but river was running too full to investigate. River flow appeared contaminated; cloudy with grease and algae along edges, smelling sewage.				
11GSDO344- unmapped									Yes			2	4	0	7.17	867	21	0.423	Could not locate outfall. Suspect it is located under bridge, but river was running too full to investigate. River flow appeared contaminated; cloudy with grease and algae along edges, smelling sewage.	E. Coli	4,800	No	
11ISDO577	0	0	NA	NA	0	NA	NA	NA	Yes			0	3	0	7.24	956	19.9	0.47		E. Coli	>80,000	No	
11MSDO093	0	0	NA	NA	0	NA	NA	NA	Yes			2	0.2	0	7.17	8000	19	4.23		Enterococci	120	No	
12BSDO10									No	No Flow									Only mapped upstream features are catch basins. Both were observed dry.				
12BSDO124	0	0	NA	NA	0	NA	NA	NA	No	Other	Can not locate.								Water was flowing backwards into outfall; Can not locate manhole.				
12BSDO124	0	0	NA	NA	0	NA	NA	NA	No	Standing Water									Water was flowing backwards into outfall.				
12BSDO14									No	Other	Can not open.								Can not open manhole.				
12BSDO31/12BSDO33									Yes			0	0.1	0	7.56	558	14.5	0.27	Can not locate outfall.	E. Coli	<10	No	
12ESDO418	0	0	0 - No	0	NA	NA	NA	NA	No	No Flow													
12FSDO305	0	0	NA	NA	NA	NA	NA	NA	No	No Flow													
12HSDO1-12HMH24(26)									Yes			2	5	0	6.5	OR	20.6	0.5	Could not locate outfall. Suspect it is located beneath bridge, but could not investigate due to high water. River was flowing and appeared contaminated. Trash and grease built up on edges, smelling of sulphur and sewage. Outlet of manhole was submerged, but flow was distinctly observed passing through sediment buildup in center of channel.	E. Coli	>80,000	No	
12HSDO1-12HMH29(27)									No	Standing Water									Could not locate outfall. Suspect it is located beneath bridge, but could not investigate due to high water. River was flowing and appeared contaminated. Trash and grease built up on edges, smelling of sulphur and sewage. Outlet of manhole was submerged, but flow was distinctly observed passing through sediment buildup in center of channel.				
12HSDO92			NA	NA	NA	NA	NA	NA	No	Other	Outfall submerged and upstream MHs DNE as mapped.								Upstream manholes do not exist as mapped.				
12LSDO092	0	0	0 - No		0	0	0	0	Yes			1.5	4	0	6.12	OR	18.1	OR	Salinity and Conductivity of sample were 'out of range' for meter.	Enterococci	120	No	
12LSDO296									Yes			1.5	0	0	7.72	OR	16.7	OR	Outfall facility ID: 12LSDO296	Enterococci	180	No	
12MSDO091	3	0	0 - No	0	NA	2	0	0	Yes			2	1	0	7.19	OR	21.5	OR	Conductivity and Salinity of sample were 'out of range'. Opened upstream manhole to confirm that flow was not tidally affected. Observed flow of comparable velocity entering manhole from inlet, several inches above waterline, filling sump.	Enterococci	1,300	No	
13BSDO11	NA	NA	NA	NA	NA	NA	NA	NA	No	No Flow									Outfall completely submerged, no sample collected; MH pipe was dry.				
13DSDO077	0	0	NA	NA	0	NA	NA	NA	No	Standing Water									Standing water at MH, did not move upstream.				
13DSDO078	0	0	NA		NA	NA	NA	NA	No	Standing Water									Standing water at MH, did not move upstream.				
13ESDO174	2	0	NA	NA	NA	NA	NA	NA	No	No Flow									Manhole observed dry.				
13ESDO175	0	0	NA	NA	0	0	0	NA	Yes			0	0	0.1	8.28	194	19.5	0.11		E. Coli	30	No	
13ESDO176									No	No Flow									Outfall not visible; at MH only a little sediment in the outlet but a lar sediment built up in invert.				
13FSDO11	0	0	NA	NA	0	0	0	NA	Yes			0	0	0	6.98	376	19.7	0.22		E. Coli	160	No	
13FSDO12	0	0	NA	NA	0	0	0	NA	No	No Flow													
13FSDO95	0	3	NA	NA	0	0	0	NA	No	No Flow													
13FSDO96	0	0	NA	NA	NA	3	0	NA	No	No Flow													
13FSDO97	1	0	NA	NA	NA	NA	NA	NA	No	No Flow													
13LSDO090	0	0	NA	NA	0	0	0	NA	Yes			3	0.6	0	7.43	6990	21.5	3.18		Enterococci	280	No	
13LSDO137									Yes			2	0.4	0	7.18	OR	16.3	OR	Outfall facility ID: 13LSDO137	Enterococci	1,300	No	
14CSDO9	0	0	NA	NA	NA	NA	NA	NA	No	No Flow													
14EMH36									No	No Flow													
15FSDO288	0	0	NA	NA	0	NA	NA	NA	Yes			0	0	0	7.07	2260	14.1	1.12		E. Coli	>80,000	No	
15LSDO088	1	0	0 - No	3	0	0	0	0	Yes			1	0.2	0	7.52	9130	20.7	4.75		Enterococci	<10	No	
15LSDO089									Yes			2	0.6	0	6.95	9600	18.8	4.9		Enterococci	210	No	
16LSDO097	0	3	NA	NA	NA	NA	NA	NA	Yes			1	0.3	0	7.66	OR	23.4	OR	Outfall pipe broken ~2 feet from opening, potentially infiltrating out to the side (lots of flow from underneath pipe).	Enterococci	50	No	
16LSDO122	0	0	NA	NA	1	0	0	NA	Yes			1	3	0	7.23	OR	21.3	OR		Enterococci	100	No	
17FSDO12	0	0	NA	NA	NA	NA	NA	NA	No	No Flow									Outfall sign faded.				
17MSDO33	2	0	0 - No	NULL	1	0	0	NA	Yes			2	0.8	0	7.39	OR	19.7	OR	Conductivity and Salinity were 'out of range'.	Enterococci	30	No	
18GSDO233	0	0	NA	NA	NA	0	0	NA	Yes			0	0.2	0	7.61	2540	15	1.29		E. Coli	24,000	No	
18LCSO086	NA	NA	NA	NA	NA	NA	NA	NA	Yes			2	0	0	7.6	OR	23.5	OR		Enterococci	<10	Yes	<10
19GSDO043									Yes			0.74	1	0	7.58	8940	8.4	4.76		E. Coli	7,300	No	
19GSDO194									Yes			0.25	0	0	7.76	4100	7.2	2.08		E. Coli	290	No	
19GSDO199									No	No Flow													
19LCSO084									Yes			1	1	0	7.18	OR	19.4	OR	Flow was exiting manhole through W connection to drain. No flow through tidegate.	Enterococci	90	No	
19LCSO085									Yes			2	1	0.3	7.18	1591	20.1	0.97	Sample taken at upstream manhole 19LMH27 not on any of the new maps	Enterococci	800	No	
19MCSO082									Yes			1	2	0.1	7.6	11020	21.3	7.5	Flow was not exiting manhole over tidegate wall. Connection to SMH held standing water. N and SW inlets were both moderately flowing. Sampled from pool.	Enterococci	2,100	No	
19MCSO083									No	No Flow									Inspected upstream manhole 19MMH96, which was observed to be dry.				
19NCSO081									Yes			2	0.2	0.1	7.53	OR	22.9	OR	Could not locate outfall. Sampled from upstream manhole 20NMH8 where moderate flow was observed, though none was observed to be reaching the outfall via the tidegate. Salinity and Conductivity were 'out of range'. Only E inlet was flowing. W inlet observed dry. Flow was exiting manhole into sewer, not through tidegate.	Enterococci	490	No	
20DMH19									Yes			0.25	0.3	0	6.61	1174	12.2	0.453		E. Coli	10	No	
20DMH62									No	No Flow													
20DNP140									Yes			0.25	0.3	0.3	6.45	1578	15.6	0.747	E inlet dry. MH actually at end of Strathmore St close to Beacon St.	E. Coli	100	No	
20GSDO161									Yes			2	10	0	7.41	2120	13.7	1.07		E. Coli	>80,000	No	
20GSDO163									No	No Flow													
20GSDO164									No	No Flow									20GCB126 Standing water at the manhole, Inlet observed dry.				
21CSDO212									Yes			0	0.3	0	6.98	1765	13.7	0.84	Waterfowl activity noted in area near outfall on both land and in water.	E. Coli	<10	No	
21DMH319									Yes			0.25	2	0	6.84	1758	14.7	0.926	E inlet dry.	E. Coli	28,000	No	
21EMH64									Yes			0.75	0.8	0	6.77	2430	15.1	1.23		E. Coli	3,900	No	
21EMH86									No	No Flow													
21HCSO046-1_15GMH290									Yes			0.25	0.8	0	7.7	1952	17	0.99		E. Coli	20,000	No	
21HCSO046-1_19HMH222									Yes			0	0.8	0	7.17	1873	20.6	0.59		E. Coli	10,000	No	
21HCSO046-1_22IMH194									No	Standing Water													
21HSDO045									No	Standing Water									Outfall is on a construction area, no access. Outfall information from list.				
21HSDO047 (20HMH38)									Yes			0.25	0	0	8.19	169.3	12.7	0.0667		E. Coli	<10	No	
21HSDO048									No	No Flow													
21KCSO070	0	0	NA	NA	1	NA	NA	NA	Yes			1	2	0	7.64	OR	19.6	OR		Enterococci	550	No	
21KSDO069									Yes			0.75	0.1	0.4	7.36	18430	10.7		Sample taken from pipe entering tide gate upstream of outfall.	Enterococci	<10	No	
21LCSO076	0	0	NA	NA	0	0	0	0	Yes			1	3	0	7.31	OR	21.5	OR	Salinity and Conductivity were 'out of range'.	Enterococci	310	No	
21MCSO078	0	0	0	0	0	0	0	0	Yes			1	2	0	6.91	7300	19.3	4.8	Sampled from unmapped upstream manhole, downstream of tidegate, where flow was observed. Did not inspect tidegate. Observed slow flow towards outfall that held standing water.	Enterococci	1,200	No	
21MCSO079									Yes			2	1	0.2	7.69	OR	20.4	OR	Observed brown flecks floating sample. Salinity and Conductivity were 'out of range'.	Enterococci	170	No	
21MSDO010	0	0	0	0	0	0	0	NA	Yes			3	0.2	0	7.51	OR	17.4	OR	Conductivity and salinity out of range.	Enterococci	20	No	
21MSDO50	1	0	NA	NA	0	NA	NA	NA	Yes			1	0.5	0	7.57	OR	17.8	OR	Conductivity and salinity out or range.	Enterococci	430	No	
21NCSO80									Yes			0.25	0	0	7.71	2200	5.5	1.09		Enterococci	140	No	
22CSDO384									Yes			0	0.1	0	7.29	669	15.4	0.309	Waterfowl activity noted in area near outfall on both land and in water.	E. Coli	360	No	
22KCSO065	0	0	NA	NA	1	0	0	NA	No	Standing Water									Platform midway down blocking view of pipe. Water was swirling in channel.				

TABLE 2-1. DRY WEATHER SCREENING DATA 2016

Facility ID	Street Location	Receiving Water	Location Type	Inspection Date	Inspection Time	Outfall Sign	Tidal Impact	Outfall Located	Outfall Accessible	Outfall Submerged	If Yes-Percent	Outfall Diameter	Shape	Other Shape	Material	Other Material	Condition-1	Other Condition-1	Is Grate Present?	Condition of Grate	Comments-1
22KCSO068	Fort Point Channel North Of Broadway Bridge	Fort Point Channel	CSO	7/22/2016	9:03:23 AM	Yes	Yes	Yes	Yes												
22KCSO072	Dorchester Av	Fort Point Channel	CSO	7/20/2016	8:00:19 AM	Yes	Yes	Yes	No												
22LCSO073	Gillette Park	Fort Point Channel	CSO	7/20/2016	8:05:26 AM	Yes	Yes	Yes	No												
22LSDO580	Necco Street Extended	Fort Point Channel	SDO	7/7/2016	8:44:47 AM	No	Yes	Yes	Yes												
23BMH89	Hunnewell Avenue	Newton Drains	Interconnection	5/19/2016	11:04 AM																
23GSDO132	Easement/Mass Turnpike/West Of Bu Bridge	Charles River	SDO	7/7/2016	11:57:58 AM	No	No	Yes	Yes												
23HMH81	Beacon Street	DCR Drain to Muddy River	Interconnection	2/1/2016	12:51 PM																
23HSDO040	Raleigh Street Ext	Charles River	SDO	1/21/2016	12:01:00 PM	No	No	No	No	Yes	100	2	Other	Unknown	Other	Unknown	Other	Unknown			
23HSDO042	Deerfield St	Charles River	SDO	1/21/2016	12:37:00 PM	No	No	No	No	Yes	100	9.6x10	Other	Unknown	Other	Unknown	Other	Unknown			
23LCSO062	New Northern Av	Fort Point Channel	CSO	7/21/2016	8:30:47 AM	No	Yes	Yes	Yes												
23LCSO064	Central	Inner Harbor-Fort Point Channel	CSO	3/1/2016	10:33:00 AM	No	Yes	No	No	Yes		5	Round		Metal		Normal		No		Outfall under Summer Street bridge. Outfall diameter and material taken from list.
23LSDO074	Summer St Bridge	Fort Point Channel	SDO	7/7/2016	9:00:23 AM	No	Yes	Yes	Yes												
23LSDO075	Congress St Bridge	Fort Point Channel	SDO	3/1/2016	11:06:00 AM	No	Yes	No	No			4.5	Other	Unknown	Other	Unknown	Other	Unknown			Outfall under Congress Street bridge.
23LSDO15	Northern Ave	Boston Inner Harbor	SDO	7/7/2016	8:08:14 AM	No	Yes	Yes	Yes												
23LSDO164	Congress St Bridge	Fort Point Channel	SDO	3/1/2016	10:50:00 AM	Yes	Yes	Yes	Yes	No		4	Round		Concrete		Normal		Yes	Good	Could not sample outfall due to tide gate obstructing access to pipe opening.
23LSDO195	Northern Ave	Boston Inner Harbor	SDO	7/7/2016	8:40:55 AM	Yes	Yes	Yes	Yes												
23LSDO196	New Northern Ave Bridge	Fort Point Channel	SDO	3/1/2016	11:27:00 AM	No	Yes	No	No			3	Other	Unknown	Other	Unknown	Other	Unknown			Outfall under boardwalk.
23LSDO202	Northern Ave	Boston Inner Harbor	SDO	7/7/2016	8:45:25 AM	No	Yes	Yes	Yes												
24CSDO039	Massachusetts Turnpike	Charles River	SDO	5/19/2016	11:15 AM	No	No	Yes	Yes	No		1.5	Round		Concrete		Normal		No		
24CSDO174	Easement/Newton Street	Charles River	SDO	5/19/2016	11:40 AM	No	No	Yes	Yes	Yes	20	2	Round		VC		Normal		No		
24DSDO032	N Of Beacon St, About 800' E Of Parsons St	Charles River	SDO	5/19/2016	12:00 PM	Yes	No	Yes	Yes	Yes	60	12.6 by 11	Square		Concrete		Normal		No		No visible flow at outfall.
24DSDO150	Soldiers Field Place	Charles River	SDO	2/1/2016	10:16 AM	Yes	No	Yes	Yes	No		3	Round		Concrete		Normal		No		
24GSDO034	Soldiers Field Road, S Of Cambrdige St	Charles River	SDO	6/16/2016	12:43:17 PM	No	No	No	No	No											
24GSDO035	Soldiers Field Road/Babcock St	Charles River	SDO	6/16/2016	11:32:16 AM	No	No	Yes	Yes	Yes	25	7.5									
24LCSO060	Central	Inner Harbor-Upper	CSO	3/1/2016	9:32:00 AM	No	Yes	No	No			6x6	Other	Unknown	Other	Unknown	Other	Unknown			Outfall not accessible, under NE aquarium.
24LSDO22	Courthouse Way	Boston Harbor	SDO	7/12/2016	11:24:46 AM		Yes	No	No												
24LSDO233	Rowe'S Wharf/Atlantic Ave	Boston Harbor	SDO	3/1/2016	10:00:00 AM	No	Yes	Yes	No	No		3.5	Round		Concrete		Normal		No		Outfall under warf.
24NCSO003	East Boston	Inner Harbor- Lower	CSO	3/1/2016	11:28:00 AM	Yes	Yes	Yes	Yes	Yes	50	12 x 10	Other	Unknown	Other	Unknown	Other	Unknown	No		Covered by tide gate.
25DSDO040	N Of Intersect Soldiers Field Rd & Western Ave	Charles River	SDO	5/19/2016	12:16 PM	Yes	No	Yes	Yes	Yes	100	2.5	Round		Concrete		Normal		No		
25ESDO037	Easement/Telford St	Charles River; Shepard Brook	SDO	7/7/2016	3:39:57 PM	Yes	No	Yes	No												
25GSDO041	Soldiers Field Rd/North Of Western Ave Bridge	Charles River	SDO	6/22/2016	12:03:32 PM	No	No	Yes	Yes	No		2									
25LCSO057	Eastern Av	Charles River	CSO	7/13/2016	1:53:59 PM	Yes	Yes	Yes	Yes												
25LSDO058	Christopher Columbus Park-Waterfront	Boston Inner Harbor	SDO	7/12/2016	12:08:30 PM	No	Yes	Yes	Yes												
25LSDO144	Clark Street	Boston Inner Harbor	SDO	7/12/2016	12:19:56 PM	No	Yes	Yes	Yes												
25MCSO005	East Boston	Inner Harbor- Lower	CSO	3/1/2016	9:32:00 AM	Yes	Yes	No	No	Yes	100	2x2.25	Other	Unknown	Other	Unknown	Other	Unknown	Unknown		Outfall Discharges off shore, outfall size and shape taken from map.
25MSDO006	Marginal St	Boston Harbor	SDO	3/1/2016	10:19:00 AM	No	Yes	Yes	Yes	No		3	Round		Concrete		Normal		Yes	Good	
25MSDO007	Marginal St	Boston Harbor	SDO	3/1/2016	9:13:00 AM	No	Yes	No	No			3.5	Other	Unknown	Other	Unknown	Other	Unknown	Unknown		Unable to access outfall due to construction.
25NCSO004	East Boston	Inner Harbor- Lower	CSO	3/1/2016	9:56:00 AM	Yes	Yes	Yes	Yes	Yes	50	4.25	Other	Unknown	Other	Unknown	Other	Unknown	No		Tide gate over outfall.
26FSDO038	Harvard St Ext	Charles River	SDO	2/1/2016	11:02 AM	No	No	No	No			3	Other	Unknown	Other	Unknown	Other	Unknown	Unknown		Outfall located under bridge.
26GSDO001	Soldiers Field Road/East Of Harvard University	Charles River	SDO	7/7/2016	11:58:44 AM	No	No	Yes	Yes												
26JSDO049	Nashua St	Charles River	SDO	7/13/2016	1:00:20 PM	No	Yes	No	No												
26JSDO052	Monsignor O'Brien Hwy	Charles River	SDO	7/7/2016	12:30:16 PM	No	No	No	No												
26JSDO101	Leverett Circle	Charles River	SDO	7/13/2016	12:58:33 PM	No	Yes	No	No												
26KSDO050	Nashua St	Charles River	SDO	7/7/2016	9:55:00 AM	No	Yes	No	No												
26KSDO052	Commercial Street At Charter St	Boston Inner Harbor	SDO	7/12/2016	1:26:54 PM		Yes	No	No												
26KSDO099	Chelsea St Ext (Joiner St)	Boston Inner Harbor	SDO	7/14/2016	12:40:07 PM	No	Yes	No	No												
26KSDO254	Easement	Charles River	SDO	7/14/2016	12:29:40 PM	No	Yes	No	No												
26KSDO35	Beverly Street Near Warren Bridge	Boston Inner Harbor	SDO	7/13/2016	1:15:34 PM	No	Yes	Yes	Yes												
26LCSO009	Sumner St	Boston Inner Harbor	CSO	7/13/2016	1:17:49 PM	Yes	Yes	Yes	Yes												
26LSDO084	Lewis Street	Boston Inner Harbor	SDO	3/1/2016	10:46:00 AM	No	Yes	Yes	Yes	No		1.5	Round		Concrete		Normal		No		Filled 50% with rocks.
26LSDO106	Near Battery Wharf	Boston Inner Harbor	SDO	7/12/2016	3:29:07 PM		Yes	No	No												
26LSDO70	Hanover Street Ext	Boston Inner Harbor	SDO	7/12/2016	1:10:43 PM		Yes	No	No												
27JSDO001	Easement/Interstate 93	Millers River	SDO	7/7/2016	3:00:44 PM	No	Yes	No	No	Yes											
27JSDO044	Prison Point Bridge	Millers River	SDO	7/7/2016	2:52:58 PM		Yes	No	No												
27JSDO096	Easement/Interstate 93	Millers River	SDO	7/7/2016	2:59:54 PM	No	Yes	No	No	Yes											
27LCSO010	Border St	Boston Inner Harbor	CSO	7/13/2016	12:34:26 PM	No	Yes	No	No												
27LSDO020	Pier 4 Easement - Navy Yard	Boston Inner Harbor	SDO	7/21/2016	2:46:12 PM	No	Yes	No	No												
28IMH15	Roland St	Somerville Drains	Interconnection	7/13/2016	10:41:14 AM																
28KSDO010	Old Landing Way Ext	Little Mystic Channel	SDO	7/21/2016	8:25:59 AM	Yes	Yes	Yes	No												
28KSDO386	Easement/Terminal St	Little Mystic Channel	SDO	7/21/2016	8:50:22 AM	Yes	Yes	Yes	No												
28KSDO61	Easement/Medford St	Little Mystic Channel	SDO	7/21/2016	9:00:42 AM	No	Yes	Yes	Yes												
28LCSO012	Border St	Boston Inner Harbor	CSO	7/13/2016	11:58:23 AM	No	Yes	Yes	Yes												
28LCSO019	Chelsea St	Boston Inner Harbor	CSO	7/21/2016	7:45:39 AM	No	Yes	Yes	Yes												
28LSDO073	Easement/4Th St - Navy Yard	Little Mystic Channel	SDO	7/20/2016	8:11:13 AM	No	Yes	No	No												
28LSDO074	16Th St/4Th Ave - Navy Yard	Little Mystic Channel	SDO	7/20/2016	8:19:45 AM	No	Yes	Yes	Yes												
28LSDO077	Easement/4Th St - Navy Yard	Little Mystic Channel	SDO	7/20/2016	8:22:05 AM	No	Yes	No	No												
28NSDO156	Coleridge St Ext	Boston Harbor	SDO	7/12/2016	10:57:57 AM	No	Yes	Yes	Yes												
28NSDO207	Moore St	Boston Harbor	SDO	7/12/2016	10:50:01 AM	Yes	Yes	Yes	Yes												
28OSDO25	Coleridge/Wadsworth St. Ext	Boston Harbor	SDO	7/12/2016	11:15:25 AM	No	Yes	Yes	Yes												
28PSDO1	Easement/Nancia Street	Boston Harbor	SDO	7/12/2016	12:05:30 PM	No	Yes	Yes	Yes												
29JCSO017	Medford St	Mystic River	CSO	7/13/2016	1:10:57 PM	No	Yes	Yes	Yes												
29JSDO029	Alford Street/Ryan Plgd. Ext	Mystic River	SDO	7/21/2016	7:23:49 AM	No	Yes	Yes	Yes												
29JSDO129	Alford Street	Mystic River	SDO	7/21/2016	7:15:07 AM	No	Yes	Yes	Yes												
29JSDO212	Easement/Medford St(Next To Cso 017)	Mystic River	SDO	7/13/2016	1:00:32 PM	Yes	Yes	Yes	Yes												
29MCSO013	Meridian St	Chelsea River	CSO	7/12/2016	1:40:23 PM	Yes	Yes	Yes	Yes												
29MSDO049	Condor Street	Chelsea River	SDO	7/13/2016	11:29:26 AM	No	Yes	Yes	Yes												
29NCSO014	E Eagle St	Chelsea River	CSO	7/12/2016	1:21:29 PM	No	Yes	Yes	Yes												
29NSDO015	Chelsea Street	Chelsea River	SDO	7/21/2016	7:26:49 AM	Yes	Yes	Yes	Yes												
29NSDO135	Addison St	Chelsea River	SDO	7/12/2016	12:52:56 PM	No	Yes	Yes	Yes												
29OSDO001	Bennington St (Constitution Beach)	Boston Harbor	SDO	7/12/2016	11:54:20 AM	No	Yes	No	No												
29PSDO005	Belle Isle Marsh (Saratoga St)	Belle Isle Inlet	SDO	7/12/2016	1:30:55 PM		Yes	No	No												
29PSDO44	Shawsheen St	Boston Harbor	SDO	7/12/2016	1:20:34 PM	No	Yes	Yes	Yes												
30JSDO19	Alford St	Mystic River	SDO	7/13/2016	12:36:05 PM	Yes	Yes	Yes	Yes												
30JSDO30	Easement/Arlington Ave	Mystic River	SDO	7/13/2016	11:17:56 AM	No	Yes	Yes	No												
30JSDO6	Easement/Alford St	Mystic River	SDO	7/13/2016	12:00:26 PM	No	Yes	Yes	Yes												
30PSDO107	Waldemar Avenue	Belle Isle Inlet	SDO	7/12/2016	1:00:29 PM	No	Yes	Yes	Yes												
30PSDO62	Palermo Ave Ext	Belle Isle Inlet	SDO	7/12/2016	12:30:35 PM		Yes	No	No												
31OSDO4	Easement/Waldemar Ave	Chelsea River	SDO	7/13/2016	10:31:19 AM	No	Yes	No	No												
31PSDO84	Easement/Bennington St	Belle Isle Inlet	SDO	7/12/2016	11:55:24 AM	Yes	Yes	Yes	Yes												

Facility ID	Weather	Air Temp F	Time Since Last Rain	Quantity Rain 24h	Time Low Tide	Sampling Location	Is There Flow?	If Flow-Velocity	If Submerged-percent	Sediment Depth percent	Depth Water plus Sed percent	Odor	Other Odor	Color	Other Color	Floatables	Other Floatables	Turbidity	Deposits Stains	Other Deposits Stains	Manhole Facility ID	Pipe Diameter inches	Pipe Shape	Other Pipe_Shape	Pipe Material	Other Pipe Material	Condition
22KCSO068	Sunny	80	>48 Hours	<0.1 Inch	7:40:00 AM	Outfall	Flow	Slow			50	Salt Water		Clear		None		Clear	Other	Marine life							
22KCSO072	Sunny	75	>48 Hours	<0.1 Inch	6:10:00 AM	Manhole	Dry	None				Musty							None		22KMH418						
22LCSO073	Sunny	68	>48 Hours	<0.1 Inch	6:10:00 AM	Manhole	Flow	Heavy			5	Salt Water		Clear		Foam		Clear	None		22LMH447						
22LSDO580	Sunny	70	>48 Hours	<0.1 Inch	8:00:00 AM	Outfall	Flow	Moderate		0	5	None		Clear		None		Clear	None								
23BMH89	Sunny	65	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		23BMH89	24	Round		VC		Normal
23GSDO132	Sunny	70	>48 Hours	<0.1 Inch		Manhole	Standing Water					None		Grey		Sewage					23GMH94						
23HMH81	Sunny	63	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		23HMH081	12	Round		PVC		Normal
23HSDO040	Sunny	28	>48 Hours	<0.1 Inch		Manhole	Standing Water	Submerged	10	0	10	None		Clear		None		Clear	None		23HMH68	12	Round		Concrete		Normal
23HSDO042	Sunny	28	>48 Hours	<0.1 Inch		Manhole	Standing Water	Submerged	100	0	100	None		Clear		None		Clear	None		23HMH50	36	Round		Concrete		Normal
23LCSO062	Sunny	75	>48 Hours	<0.1 Inch	7:15AM	Outfall	Flow	Slow		0	3	Salt Water		Clear		None		Clear	None								
23LCSO064	Sunny	38	>48 Hours	<0.1 Inch	10:23	Manhole	Flow	Moderate		0	5	None		Clear		None		Clear	None		23LTG641	60	Round		Other	Brick	Normal
23LSDO074	Sunny	70	>48 Hours	<0.1 Inch	8:02:00 AM	Outfall	Dry	None		0	0	None							None								
23LSDO075	Sunny	38	>48 Hours	<0.1 Inch	10:23	Manhole	Flow	Moderate		0	5	Rotten Eggs		Clear		None		Clear	None		Unlabeled T	54	Round		Concrete		Normal
23LSDO15	Cloudy	65	>48 Hours	<0.1 Inch	8:02:00 AM	Outfall	Flow	Moderate	15	0	15	Salt Water		Clear		None		Cloudy	Other	Seaweed and Barnacles							
23LSDO164	Sunny	36	>48 Hours	<0.1 Inch	10:23	Manhole	Flow	Slow		0	5	None		Clear		None		Clear	None		23LMH163	48	Round		Concrete		Normal
23LSDO195	Cloudy	65	>48 Hours	<0.1 Inch	8:02:00 AM	Outfall	Flow	Moderate		0	5	Salt Water		Clear		None		Clear	None								
23LSDO196	Sunny	36	>48 Hours	<0.1 Inch	10:23	Manhole	Flow	Slow		0	5	None		Clear		None		Clear	None		23LMH188	36	Round		Concrete		Normal
23LSDO202	Cloudy	65	>48 Hours	<0.1 Inch	8:02:00 AM	Outfall	Flow	Moderate	0	0	5	Salt Water		Clear		None		Clear	None								
24CSDO039	Sunny	65	>48 Hours	<0.1 Inch		Manhole	Flow	Moderate		0	1	None		Clear		None		Clear	None		24CMH14	18	Round		Concrete		Normal
24CSDO174	Sunny	65	>48 Hours	<0.1 Inch		Manhole	Dry	None		0	0	None							None		24CMH79	36	Oval		Other	Brick	Normal
24DSDO032	Sunny	67	>48 Hours	<0.1 Inch		Manhole	Flow	Slow		0	1	None		Clear		None		Clear	None		24DMH216	152x132	Round		Other	Brick	Normal
24DSDO150	Sunny	49	>48 Hours	<0.1 Inch		Outfall	Dry	None		0	0	None							None								
24GSDO034	Sunny	76	>48 Hours	<0.1 Inch		Manhole	Flow	Slow		10	30	None		Clear		Oily Sheen		Clear	None		25GMH5						
24GSDO035	Sunny	75	>48 Hours	<0.1 Inch		Manhole	Flow	Moderate		0.5	1	None		Clear		None		Clear	None		23FMH286				Concrete		
24LCSO060	Sunny	36	>48 Hours	<0.1 Inch	10:23	Manhole	Flow	Slow		0	10	None		Clear		None		Clear	None		24LTG060-1	72	Round		Concrete		Normal
24LSDO22	Sunny	76	>48 Hours	<0.1 Inch	12:00:00 PM	Manhole	Flow	Slow			0.1	None		Clear		None		Clear	None		24LMH369						
24LSDO233	Sunny	36	>48 Hours	<0.1 Inch	10:23	Manhole	Flow	Slow		0	5	None		Clear		None		Clear	None		24LTG234	42	Round		Concrete		Normal
24NCSO003	Sunny	37	>48 Hours	<0.1 Inch	10:23 AM	Manhole	Flow	Slow		0	20	Other	Gasoline	Clear		Oily Sheen		Clear	None		24NTG3-3	144	Other	Rectangle	Concrete		Normal
25DSDO040	Sunny	67	>48 Hours	<0.1 Inch		Manhole	Flow	Slow		0	0.5	None		Clear		Other	Orange sedim	Clear	None		25DMH32	36	Round		Other	Unknown	Normal
25ESDO037	Sunny	70	>48 Hours	<0.1 Inch		Manhole	Standing Water					None		Clear							25EMH131						
25GSDO041	Sunny	83	>48 Hours	<0.1 Inch		Outfall	Dry	None		25	25	None							Sediments						VC		
25LCSO057	Sunny	85	>48 Hours	<0.1 Inch	12:30:00 PM	Manhole	Standing Water	None													25LMH180						
25LSDO058	Sunny	76	>48 Hours	<0.1 Inch	12:00:00 PM	Manhole	Flow	Moderate			5	None		Clear		None		Clear	None		25LMH49						
25LSDO144	Sunny	76	>48 Hours	<0.1 Inch	12:00:00 PM	Outfall	Flow	Moderate		2	3	Sewage		Clear		None		Clear	Other	Marine life							
25MCSO005	Sunny	37	>48 Hours	<0.1 Inch	10:23 AM	Manhole	Standing Water	Submerged	1	10	11	None		Clear		None		Clear	Sediments		25MMH60	24	Oval		VC		Normal
25MSDO006	Sunny	37	>48 Hours	<0.1 Inch	10:23 AM	Outfall	Flow	Moderate		10	50	Salt Water		Clear		Garbage		Clear	Sediments								
25MSDO007	Sunny	37	>48 Hours	<0.1 Inch	10:23 AM	Manhole	Standing Water	Submerged	1	1	2	None		Clear		None		Clear	Sediments		26MMH338	42	Round		Concrete		Normal
25NCSO004	Sunny	37	>48 Hours	<0.1 Inch	10:23 AM	Manhole	Flow	Slow		2	8	Salt Water		Clear		Garbage		Clear	Sediments		25MMH74	36	Round		Concrete		Normal
26FSDO038	Sunny	55	>48 Hours	<0.1 Inch		Manhole	Standing Water	Submerged	60	4	60	None		Clear		None		Clear	None		26FMH9	36	Round		Concrete		Normal
26GSDO001	Sunny	70	>48 Hours	<0.1 Inch		Manhole	Flow	Slow			10	None		Clear		None		Clear	None		26GMH2						
26JSDO049	Sunny	90	>48 Hours	<0.1 Inch	12:52:00 PM	Manhole	Submerged	None	100			None		Clear		None					unmapped						
26JSDO052	Sunny	70	>48 Hours	<0.1 Inch		Manhole	Standing Water					None		Clear		None			None		26JMH37						
26JSDO101	Sunny	90	>48 Hours	<0.1 Inch	12:52:00 PM	Manhole	Standing Water					None		Clear		None					26JMH85						
26KSDO050	Sunny	66	>48 Hours	<0.1 Inch	8:00:00 AM	Manhole	Dry														26KMH317						
26KSDO052	Sunny	82	>48 Hours	<0.1 Inch	12:00:00 PM	Manhole		None													26KMH533						
26KSDO099	Cloudy	86	>48 Hours	<0.1 Inch	1:40:00 PM	Manhole	Flow	Slow		0	20	Other	Gas	Clear		Garbage		Clear	None		27KMH377						
26KSDO254	Cloudy	86	>48 Hours	<0.1 Inch	1:40:00 PM	Manhole	Dry	None		0	0										26KMH166						
26KSDO35	Sunny	83	>48 Hours	<0.1 Inch	12:30:00 PM	Outfall	Flow	Moderate		0	1	Salt Water		Clear		None		Clear	Other	Marine life							
26LCSO009	Sunny	81	>48 Hours	<0.1 Inch	12:50:00 PM	Manhole	Flow	Slow			1	None		Clear		None		Clear	None		26LMH75						
26LSDO084	Sunny	37	>48 Hours	<0.1 Inch	10:23 AM	Manhole	Flow	Moderate		2	3	Salt Water		Clear		None		Clear	Sediments		26LMH82	18	Round		Concrete		Normal
26LSDO106	Sunny	80	>48 Hours	<0.1 Inch	12:00:00 PM	Manhole	Standing Water														26LMH177						
26LSDO70	Sunny	80	>48 Hours	<0.1 Inch	12:00:00 PM	Manhole	Flow	Slow			0.1	None		Clear		None		Clear	None		26LMH157						
27JSDO001	Cloudy	66	>48 Hours	<0.1 Inch	8:00:00 AM	Manhole	Standing Water	None				None				None			None		27JMH17						
27JSDO044	Cloudy	66	>48 Hours	<0.1 Inch	8:00:00 AM	Manhole	Dry	None				None				None			None		27JMH46						
27JSDO096	Cloudy	66	>48 Hours	<0.1 Inch	8:00:00 AM	Manhole	Standing Water	None			Unknown	None				Garbage					27JMH94						
27LCSO010	Cloudy	81	>48 Hours	<0.1 Inch	12:50:00 PM	Outfall																					
27LSDO020	Sunny	72	>48 Hours	<0.1 Inch	6:53:00 AM	Manhole	Flow	Moderate		0	5	Salt Water		Clear		Garbage		Clear	None		27LMH70						
28IMH15						Manhole	Standing Water	None		0	95	None		Clear		Garbage		Clear	None		28JMH15						
28KSDO010	Sunny	74	>48 Hours	<0.1 Inch	6:53:00 AM	Manhole	Flow	Moderate		0	5	None		Clear		None		Clear	None		28KMH57						
28KSDO386	Sunny	74	>48 Hours	<0.1 Inch	6:53:00 AM	Tide Gate	Flow	Slow		0	100	None		Clear		Trash		Clear	None		Tide Gate						
28KSDO61	Sunny	75	>48 Hours	<0.1 Inch	6:53:00 AM	Manhole	Flow	Moderate		0	60	None		Clear		Garbage		Clear	None		28KMH63						
28LCSO012	Sunny	81	>48 Hours	<0.1 Inch	12:50:00 PM	Outfall	Flow	Slow		0	1	None		Clear		None		Clear	None								
28LCSO019	Sunny	72	>48 Hours	<0.1 Inch	6:53:00 AM	Outfall	Flow	Moderate		5	10	Salt Water		Clear		None		Clear	Sediments								
28LSDO073	Sunny	63	>48 Hours	<0.1 Inch	6:10:00 AM	Manhole	Dry	None		0	0	None							None		28LMH78						
28LSDO074	Sunny	63	>48 Hours	<0.1 Inch	6:10:00 AM	Outfall	Flow	Heavy		0	10	Salt Water		Clear		None		Clear	None								
28LSDO077	Sunny	70	>48 Hours	<0.1 Inch	6:10:00 AM	Outfall																					
28NSDO156	Sunny	82	>48 Hours	<0.1 Inch	11:57:00 AM	Outfall	Dry	None		0	0																
28NSDO207	Sunny	82	>48 Hours	<0.1 Inch	11:56:00 AM	Outfall	Flow	Moderate		0	2	Salt Water		Clear		None		Clear	Other	Green algae							
28OSDO25	Sunny	82	>48 Hours	<0.1 Inch	11:57:00 AM	Outfall	Flow	Slow		1	3	Salt Water		Clear		Garbage		Clear	Sediments								
28PSDO1	Sunny	82	>48 Hours	<0.1 Inch	11:57:00 AM	Outfall	Flow	Moderate		0	1	Salt Water		Clear		None		Clear	None								
29JCSO017	Sunny	93	>48 Hours	<0.1 Inch	12:50:00 PM	Manhole	Standing Water	None		0	30	None		Clear		None		Clear			29JMH222						
29JSDO029	Sunny	70	>48 Hours	<0.1 Inch	6:53:00 AM	Outfall	Dry	None		0	0	None							None								
29JSDO129	Sunny	70	>48 Hours	<0.1 Inch	6:53:00 AM	Outfall	Flow	Slow		0	1	Salt Water		Clear		None		Clear	Other	Green algae							
29JSDO212	Sunny	93	>48 Hours	<0.1 Inch	12:30:00 PM	Outfall	Flow	Slow		1	50	Salt Water		Clear		None		Clear	None								
29MCSO013	Sunny	90	>48 Hours	<0.1 Inch	11:57:00 AM	Outfall	Flow	Slow		0	1	Salt Water		Clear		None		Clear	None								
29MSDO049	Sunny	80	>48 Hours	<0.1 Inch	12:50:00 PM	Outfall	Flow	Slow		0	10	None		Clear		None		Clear	None								
29NCSO014	Sunny	88	>48 Hours	<0.1 Inch	11:57:00 AM	Outfall	Standing Water	None	20	20	20	Salt Water		Grey		Garbage		Cloudy	Sediments								
29NSDO015	Sunny	72	>48 Hours	<0.1 Inch	7:15AM	Outfall	Flow	Slow		0	1	Salt Water		Clear		None		Clear	Other	Barnacles and Algae							
29NSDO135	Sunny	82	>48 Hours	<0.1 Inch	11:57:00 AM	Outfall	Flow	Slow		0	1	Salt Water		Clear		None		Clear	None								
29OSDO001	Sunny	82	>48 Hours	<0.1 Inch	11:57:00 AM	Manhole	Flow	Moderate		0	10	Salt Water		Clear		Garbage		Clear	None		29OMH161						
29PSDO005	Sunny	88	>48 Hours	<0.1 Inch	11:45:00 AM	Manhole	Dry	None		Unknown	90	Other	Stagnant Water	Green		Garbage		Cloudy	None		29PMH78						
29PSDO44	Sunny	88	>48 Hours	<0.1 Inch	11:45:00 AM	Outfall	Flow	Slow		0	1	None		Clear		None		Cloudy	Other	Flow Line							
30JSDO19	Sunny	85	>48 Hours	<0.1 Inch	12:50:00 PM	Outfall	Flow	Slow		0	1	Salt Water		Clear		None		Clear	None								
30JSDO30	Sunny	80	>48 Hours	<0.1 Inch	12:50:00 PM	Manhole	Flow	Slow		5	60	Salt Water		Clear		None		Clear	Sediments		30JMH26						
30JSDO6	Sunny	84	>48 Hours	<0.1 Inch	12:50:00 PM	Outfall	Flow	Moderate		0	5	Salt Water		Clear		None		Clear	None								
30PSDO107	Sunny	88	>48 Hours	<0.1 Inch	11:45:00 AM	Manhole	Dry	None				None							None		30PMH106						
30PSDO62	Sunny	86	>48 Hours	<0.1 Inch	12:00:00 PM	Manhole	Dry	None				None							None		30PMH60						
31OSDO4	Sunny	73	>48 Hours	<0.1 Inch	12:50:00 PM	Manhole	Flow	Slow			1	None		Clear		None		Clear	None		31OMH13						
31PSDO84	Sunny	87	>48 Hours	<0.1 Inch	11:45:00 AM	Outfall	Flow	Slow		1	2	Salt Water		Grey		Other		Suspended Solids	Sediments								

Facility ID	Pipe End Debris	Pipe End Broken Collapsed	Bar Screen Needs Cleared	Bar Screen Broken Missing Deter	HeadWall Corroded Pit Spall	RipRap Debris Deposition	RipRap Broken Missing	TideGate Broken Missing	Samples Collected	If No-Reason	Other Reason No Sample	Surfactants	Ammonia	Chlorine	pH	Conductivity	Temperature	Salinity	Comments	Type Bacteria	Result CFU	Duplicate Sample Collected	Result CFU
22KCSO068	0	0	NA	NA	NA	0	0	NA	Yes			1	3	0.1	7.9	OR	21.9	OR		Enterococci	55	No	
22KCSO072	0	0	NA	NA	1	0	0	NA	No	No Flow													
22LCSO073	0	0	NA	NA	2	0	0	NA	Yes			3	0.3	0	7.41	OR	20.3	OR	Sampled from upstream manhole 22LMH447 where significant flow was observed. Did not attempt to isolate flow at outfall. Sump of manhole was lined with sudsy water. A faint ring of suds surrounded outfall as well.	Enterococci	410	No	
22LSDO580	0	0	NA	NA	0	0	0	0	Yes			1	0.5	0	7.26	OR	17.6	OR	Conductivity and salinity out or range.	Enterococci	770	No	
23BMH89									No	No Flow													
23GSDO132	0	0	NA	NA	0	NA	NA	NA	No	Standing Water													
23HMH81									No	No Flow													
23HSDO040									No	Standing Water									SW inlet in MH 23H068 observed dry. Manhole 23H083 also observed with standing water.				
23HSDO042									No	Standing Water									Manhole 23H086 was also observed with standing water. Manhole 23H109 was observed dry.				
23LCSO062	0	0	NA	NA	2	0	0	0	Yes			2	0.3	0	7.68	OR	20.6	OR	Walked up outfall to isolate flow from tidegate.	Enterococci	10	No	
23LCSO064									Yes			0.75	0	0	7.18	17450	15.4	9.98		Enterococci	90	No	
23LSDO074	0	0	NA	NA	0	NA	NA	NA	No	No Flow									Located outfall under bridge. Only visible from under stair scaffolding.				
23LSDO075									Yes			1	8	0	7.62	15090	7.8	8.27	Sample taken from tide gate downstream of 23LMH80.	Enterococci	2,500	No	
23LSDO15	0	0	NA	NA	NA	2	0	NA	Yes			1.5	2	0	7.52	19470	18.5	OR	Salinity was 'out of range'. Surfactants value was 1.5	Enterococci	240	No	
23LSDO164									Yes			2	0	0	7.46		5.1			Enterococci	160	No	
23LSDO195	0	0	NA	NA	1	2	0	NA	Yes			1.5	2	0	7.78	OR	19.1	OR	Salinity and Conductivity were 'out of range'. Observed foam collecting beneath mouth of outfall. Surfactants value was 1.5	Enterococci	4,200	No	
23LSDO196									Yes			1	9	0.1	8.15	12920	7	6.91		Enterococci	80	No	
23LSDO202	0	0	NA	NA	1	2	0	NA	Yes			3	2	0	7.61	OR	18.8	OR	Salinity and Conductivity were 'out of range'.	Enterococci	<10	No	
24CSDO039									Yes			3	0.4	0	7.37	2120	13.3	1.01		E. Coli	5,200	No	
24CSDO174									No	No Flow													
24DSDO032									Yes			0	0.1	0.1	7.25	1247	14.5	0.588	Able to reach main flow from MH.	E. Coli	8,000	No	
24DSDO150									No	No Flow													
24GSDO034									Yes			1.5	0.4	0	7.58	722	21.8	0.34		E. Coli	25,000	No	
24GSDO035	0	0	NA	NA	0	NA	NA	NA	Yes			1	0.1	0	7.35	2230	21.1	1.06	Water flowing in at outfall, sampled at MH	E. Coli	4,200	No	
24LCSO060									Yes			2	0	0	7.25		7.3		Sample was taken from flow upstream of tide gate.	Enterococci	200	No	
24LSDO22	NA	NA	NA	NA	NA	NA	NA	NA	Yes			2.5	0.1	0	7.5	OR	19.4	OR	For outfall 24LSDO22.	Enterococci	<10	No	
24LSDO233									Yes			1	0	0	7.5	16190	8.7	8.81	Sample taken from flow upstream of tide gate.	Enterococci	30	Yes	20
24NCSO003									Yes			0.75	3	0.1	7.4	5040	7.8	2.4		Enterococci	1,500	No	
25DSDO040									Yes			0.5	1	0	7.25	1247	14.5	1.98		E. Coli	170	No	
25ESDO037	0	0	NA	NA	NA	NA	NA	NA	No	Standing Water													
25GSDO041	2	0	NA	NA	NA	NA	NA	NA	No	No Flow									Outfall outlet 25% sediment. Pipe dry				
25LCSO057	0	0	0	2	4	NA	NA	NA	No	Standing Water													
25LSDO058	0	0	0	0	0	NA	NA	NA	Yes			1.5	0.2	0	7.39	OR	21.6	OR	SW inlet dry.	Enterococci	560	No	
25LSDO144	0	0	NA	NA	1	NA	NA	NA	Yes			3	1	0	7.12	OR	20.1	OR		Enterococci	710	No	
25MCSO005									No	Standing Water													
25MSDO006									Yes			1	0.1	0.1	7.11	12630	8.7	6.6		Enterococci	70	No	
25MSDO007									No	Standing Water													
25NCSO004									Yes			1	0.1	0	6.82	6930	7.9	3.58		Enterococci	70	No	
26FSDO038									No	Standing Water													
26GSDO001	0	0	NA	NA	0	NA	NA	NA	Yes			0.5	0.8	0	7.26	2037	22.1	0.74	Upstream manhole for outfall 26GSDO01	E. Coli	2,200	No	
26JSDO049	0	0	NA	NA	0	0	0	NA	No	Standing Water									Standing water at unmapped upstream DMH				
26JSDO052	NA	NA	NA	NA	NA	NA	NA	NA	No	Standing Water									OF not located upstream standing water.				
26JSDO101	NA	NA	NA	NA	NA	NA	NA	NA	No	Standing Water													
26KSDO050	NA	NA	NA	NA	NA	NA	NA	NA	No	No Flow									Could not locate outfall (potentially submerged). Checked upstream for both main branches. Two MHs upstream from OF 26KSDO50.				
26KSDO052	NA	NA	NA	NA	NA	NA	NA	NA	No	No Flow													
26KSDO099									Yes			1.5	0.6	0	8.01	13200	23	7.48	Can not locate outfall 100% submerged.	Enterococci	210	No	
26KSDO254									No	No Flow									Can not locate outfall.				
26KSDO35	0	0	NA	NA	1	0	0	NA	Yes			2	0	0	7.14	OR	22	OR		Enterococci	20	No	
26LCSO009	0	0	NA	NA	NA	NA	NA	NA	Yes			3	0	0	7.67	OR	25.9	OR	Salinity: OR, Conductivity: OR.	Enterococci	130	No	
26LSDO084									Yes			1.5	0	0.1	7.44	10600	6.8	5.21		Enterococci	45	No	
26LSDO106	NA	NA	NA	NA	NA	NA	NA	NA	No	Standing Water									Standing water at inlet, only upstream MH was starter.				
26LSDO70	NA	NA	NA	NA	NA	NA	NA	NA	Yes			1	6	0	7.46	OR	21.1	OR	Could not access outfall.	Enterococci	28,000	No	
27JSDO001									No	Standing Water									Could only locate forth manhole up from OF 27JSDO001. Standing water.				
27JSDO044									No	No Flow													
27JSDO096									No	Standing Water									Pipes could not be seen, offset from wall. Standing water with trash floating at the top.				
27LCSO010									No	Other	Unable to locate outfall.								Area under construction, unable to locate outfall. Next upstream feature is the regulator.				
27LSDO020									Yes			3	0	0	8.3	OR	23.6	OR	Can not locate outfall. Salinity and conductivity out of range. Sampled upstream of tide gate.	Enterococci	200	No	
28IMH15									No	Standing Water													
28KSDO010									Yes			3	0.3	0	7.76	OR	20.3	OR	Unable to access or see outfall. Salinity and conductivity out of range.	Enterococci	2,000	No	
28KSDO386	0	0	NA	NA	0	NA	NA	0	Yes			3	0.2	0.3	7.97	OR	21.5	OR	Sampled from tide gate.	Enterococci	50	No	
28KSDO61	0	0	NA	NA	0	NA	NA	0	Yes			2	0	0	8.66	OR	22.8	OR	Salinity and conductivity out of range. Standing water at tide gate.	Enterococci	1,700	No	
28LCSO012	0	0	NA	NA	0	NA	NA	NA	Yes			3	0	0	7.43	OR	22.6	OR	Salinity: OR, Conductivity: OR.	Enterococci	360	No	
28LCSO019	0	0	NA	NA	0	0	0	NA	Yes			3	0	0	7.71	OR	20.8	OR	Salinity and conductivity out of range.	Enterococci	<10	No	
28LSDO073									No	Other	Can not locate outfall.								Can not locate outfall. Inlets and outlets observed dry invert standing water.				
28LSDO074	0	3	NA	0	NA	NA	NA	NA	Yes			3	0	0	8.04	OR	17.9	OR	Salinity and conductivity out of range. 28L076 also flowing moderate 5%.	Enterococci	480	No	
28LSDO077									No	Other	Can not locate outfall.								Can not locate outfall or upstream features.				
28NSDO156	0	3	NA	NA	NA	NA	NA	NA	No	No Flow													
28NSDO207	0	0	NA	NA	1	NA	NA	NA	Yes			3	0.3	0	7.53	OR	21.2	OR	Conductivity and salinity out of range.	Enterococci	1,200	Yes	700
28OSDO25	1	0	0	0	NA	0	0	NA	Yes			3	0.2	0	7.49	OR	21.4	OR	Conductivity and salinity out of range.	Enterococci	10	No	
28PSDO1	0	0	NA	NA	0	NA	NA	NA	Yes			0.25	0.6	0	8.03	2880	21.2	1.49	Surfactants 0.25	Enterococci	350	No	
29JCSO017	0	0	NA	NA	NA	NA	NA	NA	No	Standing Water									Standing water in manhole. Tide gate located under car. Only featu downstream of regulator.				
29JSDO029	0	0	NA	NA	0	NA	NA	NA	No	No Flow													
29JSDO129	0	0	NA	NA	0	NA	NA	NA	Yes			3	0	0	8.25	OR	20.2	OR	Salinity and conductivity out of range.	Enterococci	10	No	
29JSDO212	0	0	NA	NA	NA	NA	NA	NA	Yes			3	0.6	0	7.48	OR	21.8	OR	Salinity and conductivity out of range.	Enterococci	2,700	No	
29MCSO013	0	0	NA	NA	NA	0	0	NA	Yes			3	0.2	0	7.81	OR	14.2	OR	Conductivity and salinity out of range.	Enterococci	630	No	
29MSDO049	0	0	0	0	NA	NA	NA	NA	Yes			3	0	0	7.68	OR	20.6	OR	Salinity: OR, Conductivity: OR.	Enterococci	450	No	
29NCSO014	2	0	0	1	NA	NA	NA	0	No	Standing Water									Standing water at outfall and tide gate. Everything else upstream is combined.				
29NSDO015	0	0	NA	NA	2	0	0	0	Yes			2	0.3	0	7.72	OR	22.7	OR	Observed additional flow through rip rap to the left of the outfall, but could not confirm origin of water.	Enterococci	50	No	
29NSDO135	0	0	NA	NA	NA	0	0	NA	Yes			3	0.5	0	7.69	OR	20.5	OR	Conductivity and salinity out of range.	Enterococci	2,200	No	
29OSDO001									Yes			2	0.6	0	7.36	OR	18.7	OR	Can not access outfall 100% submerged. Conductivity and salinity out of range. Can not access outfall.	Enterococci	630	No	
29PSDO005									No	No Flow									Could not locate outfall. Inspected upstream manhole 29PMH78, where all inlets were observed to be dry. Outlet, with hood, was almost covered with standing water and trash, but both inlets were observed to be dry.				
29PSDO44	0	3	NA	NA	2	0	1	NA	Yes			0	0.8	0.1	8.19	7140	26.1	4.79		Enterococci	2,900	No	
30JSDO19	0	0	NA	NA	0	NA	NA	NA	Yes			3	0.4	0	7.92	OR	27.8	OR	Salinity and conductivity out of range. Looks like the pipe joint is displaced. Flow and white coming out of the bottom of the seawall. Pictures in condition file.	Enterococci	40	No	
30JSDO30									Yes			3	0.3	0	7.92	OR	19.3	OR	Unable to access outfall due to fence. Salinity and conductivity out of range.	Enterococci	45	No	
30JSDO6	0	0	0	NA	NA	NA	NA	NA	Yes			3	0.1	0	7.21	OR	21.9	OR	Salinity and conductivity out of range.	Enterococci	<10	No	
30PSDO107	0	0	NA	NA	NA	NA	NA	NA	No	No Flow									Upstream manhole 30PMH106 was observed to be dry. Upstream manholes 30PMH104 and 30PMH21 also observed to be dry.				
30PSDO62									No	No Flow									Outfall not found. Outlet observed dry. Inlet from catch basin held small amount of standing water. S outlet also held small amount of standing water, but downstream manhole 30PMH112 could not be located. SW and NW inlets observed dry.				
31OSDO4									Yes			0	0	0.1	8.55	1640	24	0.82	Unable to locate outfall	Enterococci	1,100	No	
31PSDO84	0	0	NA	NA	1	0	0	NA	Yes			1	2	0	7.6	OR	23.6	OR	Salinity and Conductivity were 'out of range'. Outfall had small amount of muddy sediment in invert. Sample held suspended solids likely originating from the mud.	Enterococci	560	No	

TABLE 2-3. WET WEATHER SCREENING DATA 2016

Facility ID	Street Location	Receiving Water	Location Type	Inspection Date	Inspection Time	Outfall Sign	Tidal Impact	Outfall Located	Outfall Accessible	Weather	Air Temp F	Time Since Last Rain	Quantity Rain 24h	Time Low Tide	Sampling Location	Is There Flow?	If Flow-Velocity	If Submerged-percent	Sediment Depth percent	Depth Water plus Sed percent
01ESDO24	Easement/Lakeside	Neponset River; Sprague Pond	SDO	4/8/2016	9:15 AM					Sunny	48	<48 Hours	>=0.25 Inch		Manhole	Flow	Slow		0	1
01FSDO31	Easement/Millstone Rd	Neponset River	SDO	7/5/2016	12:23:54 PM		No	No	No	Cloudy	69	<48 Hours	0.1 - 0.25 Inch		Manhole	Flow	Slow			0.2
02ESDO5	West Milton Street	Neponset River	SDO	7/5/2016	12:59:51 PM	No	No	Yes	Yes	Cloudy	69	<48 Hours	0.1 - 0.25 Inch		Manhole	Flow	Slow		0	0.1
02FSDO120	Easement/Wolcott Ct/Hyde Park Ave Ext	Neponset River	SDO	11/30/2016	11:05:19 AM	No	No	Yes	Yes	Cloudy	40	< 48 hours	>= 0.25 in.		Outfall	Flow	Moderate		0	1
02FSDO85	Lawton Street	Neponset River	SDO	7/5/2016	12:46:04 PM	No	No	Yes	Yes	Cloudy	69	<48 Hours	0.1 - 0.25 Inch		Manhole	Dry				
02FSDO93	Easement/Sierra Rd	Neponset River	SDO	11/30/2016	9:19:25 AM	No	No	Yes	Yes	Sunny	40	< 48 hours	>= 0.25 in.		Manhole	Standing Water	None			
03ESDO185	Norton St	Neponset River; Wetland	SDO	5/5/2016	11:35 AM					Cloudy	45	<48 Hours	>=0.25 Inch		Outfall	Flow	Slow		0	25
03ESDO186	River Street	Neponset River; Mother Brook, Mill Pond	SDO	10/28/2016	10:41:42 AM	No	No	Yes	Yes	Cloudy	51	< 48 hours	>= 0.25 in.		Manhole	Flow	Slow		0	70
03ESDO207	River Street	Neponset River; Mother Brook, Mill Pond	SDO	11/30/2016	9:48:09 AM	No	No	Yes	Yes	Cloudy	40	< 48 hours	>= 0.25 in.		Outfall	Dry	None		0	0
04ESDO64	Alvardo Ave/River St Bridge	Neponset River; Mother Brook, Mill Pond	SDO	10/28/2016	10:44:39 AM	No	No	No	No	Cloudy	51	< 48 hours	>= 0.25 in.		Manhole	Dry	None		0	0
04ESDO69	Knight St Dam	Mother Brook	SDO	4/8/2016	10:10 AM					Sunny	49	<48 Hours	>=0.25 Inch		Manhole	Flow	Moderate		0	2
04FMH90	Faraday Street	DCR Drain to Neponset	Interconnection	4/8/2016	12:40 AM					Sunny	50	<48 Hours	>=0.25 Inch		Manhole	Flow	Moderate		0	5
04FSDO1	Reservation Rd	Neponset River; Mother Brook	SDO	10/28/2016	10:00:36 AM	No	No	Yes	Yes	Cloudy	51	< 48 hours	>= 0.25 in.		Outfall	Flow	Slow		0	0
04FSDO118	Mason Street Ext.	Neponset River	SDO	10/28/2016	9:23:28 AM	No	No	Yes	Yes	Cloudy	51	< 48 hours	>= 0.25 in.		Outfall	Flow	Slow		0	0
04FSDO16	Easement River St	Neponset River; Mother Brook	SDO	10/28/2016	10:23:20 AM		No	No	No	Cloudy	51	< 48 hours	>= 0.25 in.		Manhole	Standing Water	None		0	20
04FSDO189	Reservation Rd	Neponset River; Mother Brook	SDO	10/28/2016	9:49:26 AM	Yes	No	Yes	Yes	Cloudy	51	< 48 hours	>= 0.25 in.		Manhole	Flow	Moderate		0	0.1
04FSDO203	Glenwood Ave	Neponset River	SDO	11/30/2016	10:09:35 AM	Yes	No	Yes	Yes	Cloudy	40	< 48 hours	>= 0.25 in.		Outfall	Dry	None		0	0
05CSDO110	Easement/Pleasantdale St Ext	Charles River	SDO	4/8/2016	11:30 AM					Cloudy	51	<48 Hours	>=0.25 Inch		Outfall	Flow	Moderate		0	20
05ESDO180	Georgetown Drive	Charles River	SDO	11/30/2016	1:38:45 PM	Yes	No	Yes	Yes	Cloudy	40	< 48 hours	>= 0.25 in.		Outfall	Dry	None		0	0
05ESDO181	Georgetown Drive	Charles River	SDO	11/30/2016	1:18:06 PM	Yes	No	Yes	Yes	Cloudy	40	< 48 hours	>= 0.25 in.		Outfall	Dry	None		0	0
05ESDO183	Georgetown Place/Dedham St	Charles River; Muddy River, Stony Brook Conduit,	SDO	11/30/2016	1:24:56 PM	Yes	No	Yes	Yes	Cloudy	40	< 48 hours	>= 0.25 in.		Outfall	Dry	None		0	0
05FSDO244	Hyde Park Ave Bridge	Neponset River; Mother Brook	SDO	10/28/2016	8:55:06 AM	Yes	No	Yes	Yes	Raining	51	< 48 hours	>= 0.25 in.		Manhole	Standing Water	None		0	50
05FSDO245	Hyde Park Ave	Neponset River; Mother Brook	SDO	10/28/2016	8:49:59 AM	Yes	No	Yes	Yes	Raining	51	< 48 hours	>= 0.25 in.		Manhole	Flow	Slow		0	10
05FSDO254	Dana Avenue	Neponset River	SDO	10/28/2016	8:07:26 AM	Yes	No	Yes	Yes	Raining	51	< 48 hours	>= 0.25 in.		Outfall	Flow	Slow		0	0
05GSDO112	Easement/RR Row/Water S Ext	Neponset River	SDO	7/5/2016	1:30:26 PM		No	No	No	Cloudy	68	<48 Hours	>=0.25 Inch		Manhole	Flow	Slow		0	1
05GSDO115	Fairmount Ave Bridge (North Bank)	Neponset River	SDO	7/5/2016	12:52:47 PM	No	No	Yes	Yes	Cloudy	68	<48 Hours	>=0.25 Inch		Outfall	Flow	Slow		0	0
06CMH117	Washington St near Meshaka St	Dedham Drains	Interconnection	11/30/2016	1:53:58 PM							< 48 hours	>= 0.25 in.		Manhole	Dry	None		0	0
06DSDO184	Georgetown Drive	Charles River; Wetland	SDO	11/30/2016	12:21:01 PM	Yes	No	Yes	Yes	Cloudy	40	< 48 hours	>= 0.25 in.		Outfall	Standing Water	None	30		
06DSDO83	Margaretta Drive	Charles River; Wetland	SDO	11/30/2016	12:40:25 PM	Yes	No	Yes	Yes	Cloudy	40	< 48 hours	>= 0.25 in.		Outfall	Dry	None		0	0
06DSDO84	Easement/Margaretta Drive	Charles River; Wetland	SDO	11/30/2016	12:56:02 PM	No	No	No	No	Cloudy	40	< 48 hours	>= 0.25 in.		Manhole	Dry	None		80	80
06DSDO85	Georgetown Drive	Charles River; Wetland	SDO	11/30/2016	12:54:24 PM	Yes	No	Yes	Yes	Cloudy	40	< 48 hours	>= 0.25 in.		Manhole	Dry	None		0	0
06DSDO86	Georgetown Drive	Charles River; Wetland	SDO	11/30/2016	12:52:36 PM	No	No	Yes	Yes	Cloudy	40	< 48 hours	>= 0.25 in.		Catch Basin	Dry	None		95	95
06DSDO91	Georgetown Drive	Charles River; Wetland	SDO	11/30/2016	12:18:49 PM	Yes	No	Yes	Yes	Cloudy	40	< 48 hours	>= 0.25 in.		Catch Basin	Standing Water	None			
06FSDO233	Mount Ash Road	Stony Brook Res; Wetland	SDO	7/5/2016	10:00:55 AM	No	No	Yes	Yes	Cloudy	67	<48 Hours	>=0.25 Inch		Outfall	Dry	None		0	0
06HSDO106	Osceola Street	Neponset River	SDO	7/5/2016	11:30:50 AM	No	No	Yes	Yes	Cloudy	68	<48 Hours	>=0.25 Inch		Outfall	Dry	None		0	0
06HSDO107	Easement/Belnel Rd	Neponset River	SDO	7/5/2016	11:50:23 AM	No	No	Yes	Yes	Cloudy	68	<48 Hours	>=0.25 Inch		Outfall	Dry	None		0	0
07CSDO006	Easement/VFW Parkway/Belle Ave	Charles River	SDO	5/5/2016	9:11 AM					Cloudy	47	<48 Hours	>=0.25 Inch		Outfall	Flow	Slow		0	30
07HSDO346	Edegewater Drive/Holmfield Ave	Neponset River	SDO	7/5/2016	9:11:52 AM		No	No	No	Raining	67	<48 Hours	>=0.25 Inch		Manhole	Flow	Moderate			15
07HSDO347	Edegewater Drive/Burmah Road	Neponset River	SDO	7/5/2016	9:49:59 AM	Yes	No	Yes	Yes	Raining	67	<48 Hours	>=0.25 Inch		Outfall	Flow	Moderate		0	2
07HSDO348	Edegewater Drive/Topalian Street	Neponset River	SDO	7/5/2016	10:03:37 AM	No	No	Yes	Yes	Raining	67	<48 Hours	>=0.25 Inch		Outfall	Flow	Moderate		0	5
08BSDO122	Easement/North of Spring St	Charles River	SDO	5/5/2016	10:11 AM					Cloudy	47	<48 Hours	>=0.25 Inch		Manhole	Flow	Moderate		0	5
08BSDO126	Spring Street Extended	Charles River	SDO	12/1/2016	1:01:42 PM	Yes	No	Yes	No	Sunny	56	< 48 hours	>= 0.25 in.		Manhole	Flow	Slow			
08ESDO33	Turtle Pond Parkway	Turtle Pond	SDO	11/30/2016	2:05:28 PM	Yes	No	Yes	Yes	Cloudy	48	< 48 hours	0.1 in. to 0.25 in.		Outfall	Dry	None		0	0
08FSDO1	Sherrin Street	None Shown	SDO	12/1/2016	4:31:43 PM	No	No	Yes	Yes	Sunny	56	< 48 hours	>= 0.25 in.		Manhole	Flow	Moderate		0	5
08ISDO153	Duxbury Road	Neponset River	SDO	12/1/2016	11:21:27 AM	Yes	No	Yes	Yes	Sunny	50	< 48 hours	>= 0.25 in.		Outfall	Dry	None		0	0
08ISDO155	Easement/River St/Mamelon Cir	Neponset River	SDO	12/1/2016	11:39:03 AM	Yes	No	Yes	Yes	Sunny	50	< 48 hours	>= 0.25 in.		Outfall	Dry	None		0	
08ISDO156	Easement/River St/Mamelon Cir	Neponset River	SDO	5/5/2016	10:25 AM					Cloudy	45	<48 Hours	>=0.25 Inch		Outfall	Flow	Moderate		0	0.5
08ISDO207	Meadowbank Ave Ext	Neponset River	SDO	12/1/2016	11:12:30 AM	No	No	Yes	Yes	Sunny	50	< 48 hours	>= 0.25 in.		Outfall	Flow	Slow		0	1
08ISDO209	Meadowbank Ave Ext	Neponset River	SDO	12/1/2016	11:18:41 AM	Yes	No	Yes	Yes	Sunny	50	< 48 hours	>= 0.25 in.		Outfall	Dry	None		0	
08JSDO102	Adams Street	Neponset River	SDO	5/5/2016	9:35 AM					Cloudy	45	<48 Hours	>=0.25 Inch		Outfall	Flow	Moderate		0	0.25
08JSDO41	River Street	Neponset River	SDO	10/18/2016	12:12:04 PM		No	No	No	Cloudy	59	< 48 hours	>= 0.25 in.		Manhole	Flow	Slow		0	5
08KSDO49	Bearse Avenue	Neponset River	SDO	8/22/2016	10:15:58 AM	Yes	Yes	Yes	Yes	Sunny	78	<48 Hours	>=0.25 Inch	8:45:00 AM	Outfall	Flow	Slow		0	0
09BSDO49	Easement/Rivermoor St	Charles River; Cow Island Pond	SDO	11/29/2016	2:45:51 PM	No	No	Yes	Yes	Raining	52	< 48 hours	>= 0.25 in.		Outfall	Flow	Slow		10	15
09ESDO229	Grandview Street	Charles River; Muddy River, Stony Brook Conduit,	SDO	11/30/2016	4:35:29 PM		No	No		Cloudy	48	< 48 hours	0.1 in. to 0.25 in.		Manhole	Dry	None		0	0
09KSDO16	Easement/Bearse Ave Ext	Neponset River	SDO	11/29/2016	5:36:35 PM	No	No	No	No	Raining	49	< 48 hours	0.1 in. to 0.25 in.		Manhole	Flow	Moderate		0	2
10BSDO15	Easement/Charles River Road	Charles River; Cow Island Pond	SDO	11/29/2016	3:36:30 PM	Yes	No	Yes	Yes	Raining	52	< 48 hours	>= 0.25 in.		Manhole	Flow	Moderate		0	25
11BMH49	VFW Pkwy @ Glenham St	DCR Drain to Charles	Interconnection	12/1/2016	1:59:45 PM							< 48 hours	>= 0.25 in.		Manhole	Dry	None		0	0
11BSDO123	Easement/East Of Baker St Ext.	Charles River; Wetland near West Roxbury High S	SDO	11/29/2016	3:15:30 PM	Yes	No	No	No	Raining	52	< 48 hours	>= 0.25 in.		Manhole	Standing Water	None		0	80
11GSDO344	Culvert Under Walk Hill Street	Charles River; Muddy River, Stony Brook Conduit,	SDO	11/30/2016	2:31:12 PM		No	No	No	Cloudy	40	< 48 hours	>= 0.25 in.		Manhole	Dry	None		0	0
11GSDO344	Culvert Under Walk Hill Street	Charles River; Muddy River, Stony Brook Conduit,	SDO	11/30/2016	2:31:12 PM		No	No	No	Cloudy	40	< 48 hours	>= 0.25 in.		Manhole	Standing Water	None			
12BSDO14	Baker Street	Charles River; Brook Farm Brook	SDO	12/1/2016	12:30:18 PM	No	No	No	No	Sunny	49	< 48 hours	>= 0.25 in.		Manhole	Cannot Open				
12BSDO31	Easement/Baker Street	Charles River; Brook Farm Brook	SDO	12/1/2016	12:29:33 PM	No	No	No	No	Sunny	55	< 48 hours	>= 0.25 in.							
12BSDO33	Easement/Baker Street	Charles River; Brook Farm Brook	SDO	12/1/2016	12:30:15 PM	No	No	No	No	Sunny	55	< 48 hours	>= 0.25 in.		Manhole	Flow	Slow		0	15
12ESDO418	Easement/Walter Street (Renumbered From 12F322)	Charles River; Bussey Brook	SDO	12/1/2016	12:01:35 PM	No	No	Yes	Yes	Sunny	58	< 48 hours	>= 0.25 in.		Manhole	Flow	Moderate		0	2
12FSDO305	Easement/Arborough Road	Charles River; Muddy River, Stony Brook Conduit	SDO	12/1/2016	11:57:43 AM	No	No	Yes	Yes	Sunny	49	< 48 hours	>= 0.25 in.	6:58:00 AM	Outfall	Flow	Slow		0	3
12HSDO1	Morton Street	Canterbury Brook	SDO	12/1/2016	2:15:10 PM		No	No	No	Sunny	40	< 48 hours	>= 0.25 in.		Manhole	Standing Water	None			
12HSDO1	Morton Street	Canterbury Brook	SDO	12/1/2016	2:15:10 PM		No	No	No	Sunny	40	< 48 hours	>= 0.25 in.		Manhole	Standing Water	None			Unknown
12HSDO92	American Legion Highway	Charles River; Muddy River, Stony Brook Conduit,	SDO	11/30/2016	2:40:03 PM	No	No	Yes	Yes	Raining	50	< 48 hours	>= 0.25 in.		Outfall	Flow	Moderate	100		100
12LSDO296	Conley Street	DCR Drain to Dorchester Bay	Interconnection	12/12/2016	2:00:33 PM					Cloudy		< 48 hours	>= 0.25 in.		Manhole	Flow	Slow		0	5
13BSDO11	Lagrange Street	Charles River	SDO	12/1/2016	4:36:45 PM	Yes	No	Yes	Yes	Sunny	49	< 48 hours	>= 0.25 in.		Manhole	Standing Water	None			6
13DSDO077	West Roxbury Pky/VFW Pky	Charles River; Muddy River, Stony Brook Conduit,	SDO	7/5/2016	10:14:34 AM	Yes	No	Yes	Yes	Raining	69	<48 Hours	0.1 - 0.25 Inch		Outfall	Flow	Slow		0	15
13DSDO078	West Roxbury Pky/VFW Pky	Charles River; Muddy River, Stony Brook Conduit,	SDO	7/5/2016	10:08:32 AM	Yes	No	Yes	Yes	Raining	69	<48 Hours	0.1 - 0.25 Inch		Outfall	Flow	Slow		0	15
13ESDO176	Easement/Weld St	Charles River; Muddy River, Stony Brook Conduit,	SDO	11/30/2016	2:20:41 PM	No	No	Yes	Yes	Cloudy	52	< 48 hours	>= 0.25 in.		Manhole	Dry	None		0	0
13FSDO12	Walter Street	Charles River; Muddy River, Stony Brook Conduit,	SDO	11/30/2016	2:02:11 PM	No	No	Yes	Yes	Cloudy	50	< 48 hours	>= 0.25 in.		Manhole	Dry	None		0	0
13FSDO12	Walter Street	Charles River; Muddy River, Stony Brook Conduit,	SDO	11/30/2016	2:02:11 PM	No	No	Yes	Yes	Cloudy	50	< 48 hours	>= 0.25 in.		Manhole	Dry	None		0	0
13FSDO95	Easement/Bussey Street	Charles River; Muddy River, Stony Brook Conduit,	SDO	11/30/2016	1:08:09 PM	No	No	Yes	Yes	Cloudy	50	< 48 hours	>= 0.25 in.		Manhole	Dry	None		0	0
13FSDO96	South Street	Marsh	SDO	11/30/2016	12:27:43 PM	No	No	Yes	Yes	Cloudy	50	< 48 hours	>= 0.25 in.		Outfall	Dry	None		0	0
13FSDO97	South Street	Marsh	SDO	11/30/2016	12:20:42 PM	No	No	Yes	Yes	Cloudy	48	< 48 hours	>= 0.25 in.		Outfall	Dry	None		80	80
14CSDO9	Easement/Westgate Rd	Charles River	SDO	11/30/2016	11:56:57 AM	Yes	No	Yes	Yes	Cloudy	52	< 48 hours	>= 0.25 in.		Manhole	Dry	None		0	0
14EMH36	Payson Road @ Hackensack Road	Brookline Drains	Interconnection	11/30/2016	12:25:34 PM							< 48 hours	>= 0.25 in.		Manhole	Dry	None		0	0
19GSDO199	Jamaica Way	Charles River; Muddy River	SDO	11/30/2016	11:21:29 AM	No	No	No	No	Cloudy	48	< 48 hours	>= 0.25 in.		Catch Basin	Standing Water	None			50
19LCSO084	William J Day Blvd At H St	Dorchester Bay	CSO	11/29/2016	5:26:03 PM	No	Yes	No	No	Raining	48	< 48 hours	0.1 in. to 0.25 in.	7:14:00 AM	Manhole	Flow	Heavy		0	5
19LCSO085	South Boston	Dorchester Bay-North	CSO	2/4/2016	12:34 AM					Cloudy	56	<48 Hours	>=0.25 Inch	1:50 PM	Manhole	Flow	Slow		0	5
19MCSO083	South Boston	Dorchester Bay-North	CSO	2/4/2016	12:51 PM					Cloudy	56	<48 Hours	>=0.25 Inch	1:50 PM	Manhole	Dry	None		0	0
20DMH19	Prendergast Ave (BC/Chestnut Hill Reservoir)	Brookline Drains	Interconnection	5/3/2016	10:24 AM					Rain	51	<48 Hours	>=0.25 Inch		Manhole	Flow	Moderate		0	1
20DMH62	Kilsyth at Englewood	Brookline Drains	Interconnection	5/3/2016	10:53 AM					Rain	51	<48 Hours	>=0.25 Inch		Manhole	Flow	Moderate		0	1
20GSDO163	Easement/Riverway	Charles River; Muddy River	SDO	11/29/2016	2:27:54 PM		No	No	No	Raining	43	< 48 hours	0.1 in. to 0.25 in.		Manhole	Flow	Slow		0.1	0.2
20GSDO164	Brookline Ave	Muddy River	SDO	11/30/2016	11:15:21 AM	No	No	No	No	Cloudy	52	< 48 hours	>= 0.25 in.		Catch Basin	Standing Water	None		0	100
21HSDO047	Palace Road Ext	Charles River; Muddy River	SDO	11/16/2016	10:54:09 AM	No	No	No	No	Cloudy	52	< 48 hours	>= 0.25 in.		Manhole	Flow	Slow		0	75
21HSDO048	Easement/Fenway/Evans Way	Charles River; Muddy River	SDO	11/30/2016	10:46:31 AM	No	No	No	No	Cloudy	52	< 48 hours	>= 0.25 in.		Manhole	Dry	None		50	50
21KSDO069	125' North of W.Fourth Street (Relocated by CA/T)	Fort Point Channel	SDO	3/15/2016	11:00 AM					Rain	45	<48 Hours	>=0.25 Inch	11:16	Manhole	Flow	Moderate		0	25
21NCSO80	Conley Marine Terminal	Reserved Channel	CSO	11/30/2016	9:29:27 AM	No	Yes	No	No	Cloudy	41	< 48 hours	>= 0.25 in.	5:21:00 AM	Manhole	Flow	Slow		0	2
23HMH81	Beacon Street	DCR Drain to Muddy River	Interconnection	11/30/2016	10:35:16 AM							< 48 hours	>= 0.25 in.		Manhole	Standing Water	None		0	100
23HSDO040	Raleigh Street Ext	Charles River	SDO	3/15/2016	8:42 AM					Rain	44	<48 Hours	>=0.25 Inch	11:16	Manhole	Standing Water	Submerged	100	0	100
23HSDO042	Deerfeild St	Charles River	SDO	3/15/2016	8:48 AM					Rain	44	<48 Hours	>=0.25 Inch	11:16	Manhole	Flow	Moderate		0	10
23LCSO062	Central	Inner Harbor-Fort Point Channel	CSO	2/4/2016	1:24 PM					Cloudy	53	<48 Hours	>=0.25 Inch	1:50 PM	Outfall	Flow	Slow	10	0	10
23LSDO074	Summer St Bridge	Fort Point Channel	SDO	3/15/2016	11:30 AM					Rain	46	<48 Hours	>=0.25 Inch	11:16	Manhole	Flow	Slow		0	5
23LSDO15	Northern Ave	Boston Inner Harbor	SDO	12/12/2016	4:51:49 PM	No	Yes	No	No	Cloudy	40	< 48 hours	>= 0.25 in.	3:29:00 AM	Manhole	Flow	Moderate		0	0.5
24CSDO39	Massachusetts Turnpike	Charles River	SDO	11/16/2016	9:55:29 AM		No	No	No	Cloudy	51	< 48 hours	>= 0.25 in.		Manhole	Flow	Moderate		0	1
24DSDO032	N of Beacon St, about 800' E of Parsons St	Charles River	SDO	5/3/2016	12:55 PM					Rain	51	<48 Hours	>=0.25 Inch		Manhole	Flow	Heavy	50	0	50
24DSDO150	Soldiers Field Place	Charles River	SDO	11/16/2016	9:46:39 AM	Yes	No	Yes	Yes	Cloudy	51	< 48 hours	>= 0.25 in.		Outfall	Flow	Moderate		0	0
24LSDO22	Courthouse Way	Boston Harbor	SDO	3/15/2016	12:43 PM					Rain	46	<48 Hours	>=0.25 Inch	11:16	Manhole	Flow	Moderate		0	10
24LSDO233	Rowe's Wharf/Atlantic Ave	Boston Harbor	SDO	3/15/2016	1:21 PM					Rain	46	<48 Hours	>=0.25 Inch	11:16	Manhole	Flow	Slow		0	20
25DSDO040	About 390' N of Intersection of Soldiers Field Rd & Wes	Charles River	SDO	5/5/2016	10:30 AM					Rain	46	<48 Hours	>=0.25 Inch		Manhole	Flow	Slow		0	0.1
25ESDO037	Easement/Telford St	Charles River; Shepard Brook	SDO	11/16/2016	9:35:12 AM	Yes	No	Yes	Yes	Cloudy	38	< 48 hours	>= 0.25 in.		Manhole	Standing Water	None		0	75
25LCSO057	Central	Inner Harbor-Upper	CSO	2/4/2016	12:30 PM					Cloudy	53	<48 Hours	>=0.25 Inch	1:50 PM	Manhole	Flow	Slow		0	1
25MCSO005	East Boston	Inner Harbor- Lower	CSO	2/4/2016	12:37 PM					Cloudy	57	<48 Hours	>=0.25 Inch	1:50 PM	Manhole	Flow	Slow		10	15
25MSDO007	Marginal St	Boston Inner Harbor	SDO	12/1/2016	2:05:07 PM		Yes	No	No	Sunny	40	< 48 hours	>= 0.25 in.	6:58:00 AM	Manhole	Standing Water	None		0.5	5
26FSDO038	Harvard St Ext	Charles River	SDO	11/16/2016	9:50:31 AM	No	No	No	No	Cloudy	38	< 48 hours	>= 0.25 in.		Manhole	Standing Water	None			
26JSDO049	Nashua St	Charles River	SDO	12/1/2016	10:59:26 AM	No	Yes	Yes	Yes	Cloudy	52	< 48 hours	>= 0.25 in.	6:58:00 AM	Manhole	Flow	Moderate		0	10
26JSDO052	Monsignor O'Brien Hwy	Charles River	SDO	5/3/2016	11:45 AM					Rain	10	<48 Hours	>=0.25 Inch		Manhole	Flow	Moderate		0	0.25
26KSDO254	Easement	Charles River	SDO	12/1/2016	11:10:07 AM	Yes	Yes	No	No	Cloudy	52	< 48 hours	>= 0.25 in.	6:58:00 AM	Manhole	Flow	Slow		0	1
26LSDO084	Lewis Street	Boston Inner Harbor	SDO	12/1/2016	8:59:47 AM	No	Yes	Yes	Yes	Sunny	46	< 48 hours	>= 0.25 in.	6:58:00 AM	Outfall	Flow	Slow		0	1
26LSDO106	Near Battery Wharf	Boston Inner Harbor	SDO	12/1/2016	9:54:21 AM	No	Yes	No	No	Cloudy	50	< 48 hours	>= 0.25 in.	5:59:00 AM	Manhole	Dry	None		0	0
27JSDO001	Easement/Interstate 93	Millers River	SDO	12/1/2016	2:24:23 PM	No	Yes	No	No	Cloudy	46	< 48 hours	>= 0.25 in.	6:58:00 AM	Manhole	Standing Water	None		0	100
27JSDO044	Prison Point Bridge	Millers River	SDO	12/1/2016	9:30:27 AM	No	Yes	No	No	Cloudy	55	< 48 hours	>= 0.25 in.	6:58:00 AM	Manhole	Standing Water	None		15	70
27JSDO096	Easement/Interstate 93	Millers River	SDO	12/1/2016	2:37:44 PM	No	Yes	No	No	Cloudy	46	< 48 hours	>= 0.25 in.	6:58:00 AM	Manhole	Standing Water	None			
28LSDO073	Easement/4Th St - Navy Yard	Little Mystic Channel	SDO	12/1/2016	9:20:49 AM	No	Yes	No	No	Sunny	50	< 48 hours	>= 0.25 in.	5:59:00 AM		Submerged				
28LSDO077	Easement/4Th St - Navy Yard	Little Mystic Channel	SDO	12/1/2016	9:45:55 AM	No	Yes	No	No	Sunny	50	< 48 hours	>= 0.25 in.	5:59:00 AM		Submerged				
28NSDO156	Coleridge St Ext	Boston Harbor	SDO	12/1/2016	9:48:29 AM	No	Yes	Yes	Yes	Sunny	46	< 48 hours	>= 0.25 in.	6:58:00 AM	Outfall	Flow	Slow		0	0
29JSDO029	Alford Street/Ryan Plgd. Ext	Mystic River	SDO	12/1/2016	8:54:58 AM	No	Yes	Yes	Yes	Sunny	50	< 48 hours	>= 0.25 in.	5:59:00 AM	Outfall	Flow	Slow		0	1
29PSDO005	Belle Isle Marsh (Saratoga St)	Belle Isle Inlet	SDO	12/12/2016	4:24:06 PM		Yes	No	No	Cloudy	44	< 48 hours	>= 0.25 in.	3:29:00 AM	Manhole	Flow	Slow		0	0.1
30PSDO62	Palermo Ave Ext	Belle Isle Inlet	SDO	12/12/2016	4:15:11 PM		Yes	No	No	Cloudy	44	< 48 hours	>= 0.25 in.	3:29:00 AM	Manhole	Flow	Slow		0	0.2

Facility ID	Odor	Other Odor	Color	Other Color	Floatables	Other Floatables	Turbidity	Deposits Stains	Other Deposits Stains	Manhole Facility ID	Pipe Diameter inches	Pipe Shape	Other Pipe Shape	Pipe Material	Other Pipe Material	Condition	Other Condition	Needs Repair	Needs Cleaning	Pipe End Debris	Pipe End Broken Collapsed	Bar Screen Needs Cleared	Bar Screen Broken Missing Deter	HeadWall Corroded Pit Spall	RipRap Debris Deposition	RipRap Broken Missing	TideGate Broken Missing
01ESDO24	None		Clear		None		Clear	None		1EMH21	15	Round		Other	VC	Normal											
01FSDO31	None		Clear		Oily Sheen		Clear	None		1FMH21				Other	Unknown			NULL	NULL	NA	NA	NA	NA	NA	NA	NA	NA
02ESDO5	None		Clear		None		Clear	None		2EMH85				Other	Unknown			No	No	0	0	NA	NA	0	NA	NA	NA
02FSDO120	None		Clear		None		Clear	None				Round		Concrete				No	No	0 - No	0 - No	NA	NA	3 - Maj: advance	NA	NA	NA
02FSDO85										2FMH84				PVC				No	No	0	0	NA	NA	NA	NA	NA	NA
02FSDO93					None					2FMH70																	
03ESDO185	None		Clear		None		Clear	None																			
03ESDO186	None		Clear		None		Clear	None		3EMH92																	
03ESDO207												Other	Unknown	Other	Unknown			No	No	NA	NA	NA	NA	NA	NA	NA	NA
04ESDO64					None					4EMH31																	
04ESDO69	None		Clear		None		Clear	None		3EMH169	36	Round		Other	Unknown	Normal											
04FMH90	None		Clear		None		Clear	None		4FMH90	12	Round		Other	VC	Normal											
04FSDO1	None		Clear		None		Clear	None				Round		VC				No	No	0 - No	0 - No	NA	NA	0 - No	NA	NA	NA
04FSDO118	None		Clear		None		Clear	None				Round		VC				No	No	0 - No	0 - No	NA	NA	0 - No	0 - No	0 - No	NA
04FSDO16			Clear		None		Clear			4FMH208																	
04FSDO189	None		Clear		None		Clear	None		4FMH200		Round		Concrete				No	No	0 - No	0 - No	NA	NA	0 - No	NA	NA	NA
04FSDO203												Other	Rounded square	Concrete				No	No	0 - No	0 - No	NA	NA	NA	NA	NA	NA
05CSDO110	None		Clear		Garbage		Clear	None																			
05ESDO180												Round		Concrete				No	No	0 - No	0 - No	NA	NA	1 - Min: etching	NA	NA	NA
05ESDO181												Round		Concrete				No	No	0 - No	0 - No	NA	NA	1 - Min: etching	NA	NA	NA
05ESDO183												Round		Concrete				No	No	0 - No	0 - No	NA	NA	1 - Min: etching	NA	NA	NA
05FSDO244					None					5FMH214		Round		Metal	Researched Unknown			No	No	0 - No	0 - No	NA	NA	0 - No	NA	NA	NA
05FSDO245	None		Clear		None		Clear	None		5FMH210																	
05FSDO254	None		Clear		None		Clear	None				Round		VC				No	No	0 - No	3 - Yes, Broken	NA	NA	NA	0 - No	NA	NA
05GSDO112	None		Grey				Cloudy	None		5GMH159																	
05GSDO115	Sewage		Clear		None		Clear							VC				No	No	0	0	NA	NA	0	0	0	NA
06CMH117										6CMH117																	
06DSDO184					None							Round		Concrete				No	No	0 - No	0 - No	NA	NA	NA	0 - No	0 - No	NA
06DSDO83								None				Round		Concrete				No	No	0 - No	0 - No	NA	NA	1 - Min: etching	NA	NA	NA
06DSDO84					None					6DMH82																	
06DSDO85					None					6DMH88		Round		Concrete				No	No	1 - Min: <1gal bucket	0 - No	NA	NA	0 - No	NA	NA	NA
06DSDO86					None					6DCB91		Round		Concrete				No	No	0 - No	0 - No	NA	NA	1 - Min: etching	NA	NA	NA
06DSDO91					None					6DCB88		Round		PVC				No	No	0 - No	0 - No	NA	NA	1 - Min: etching	NA	NA	NA
06FSDO233	None							None						Concrete				No	No	2	3	NA	NA	NA	NA	NA	NA
06HSDO106	None													Concrete				No	No	0	0	NA	NA	0	0	0	NA
06HSDO107	None							None						Metal				No	No	2	0	NA	NA	0	0	0	0
07CSDO006	None		Clear		None		Cloudy	None																			
07HSDO346	Musty		Clear		None		Cloudy	None		7HMH343																	
07HSDO347	None		Clear		None		Clear	Other	Trash					Concrete				No	Yes	1	0	4	1	NA	1	1	NA
07HSDO348	None		Clear		None		Clear	Other	Trash					Concrete				No	Yes	1	0	4	0	0	1	0	NA
08BSDO122	None		Clear		None		Clear	None		8BCB4	30	Round		Concrete		Normal											
08BSDO126	None		Clear		None		Clear	None		8BMH111		Round		Concrete				No	No	NA	0 - No	NA	NA	NA	NA	NA	NA
08ESDO33	None				None			None				Round		Concrete				No	No	0 - No	0 - No	NA	NA	0 - No	0 - No	0 - No	NA
08FSDO1	None		Clear		None		Clear	None		8FMH344		Round		PVC				No	No	0 - No	0 - No	NA	NA	NA	0 - No	0 - No	NA
08ISDO153	None				None			None				Round		Unknown				No	No	0 - No	0 - No	NA	NA	0 - No	NA	NA	NA
08ISDO155	None				None			None				Other	Unknown	Concrete				No	No	0 - No	0 - No	NA	NA	NA	NA	NA	NA
08ISDO156	None		Clear		None		Clear	Other	Green/Grease																		
08ISDO207	None		Clear				Clear	None				Round		Concrete				No	No	0 - No	0 - No	NA	NA	NA	NA	NA	NA
08ISDO209	None				None			None				Other	Unknown	Unknown				No	No	0 - No	0 - No	NA	NA	0 - No	NA	NA	NA
08JSDO102	None		Clear		None		Clear	Other	Green Flow Li																		
08JSDO41	None		Clear		None		Clear	None		8JMH39		Round		Other	Unknown			No	No	NA	NA	NA	NA	NA	NA	NA	NA
08KSDO49	None		Clear		None		Clear	None				Round		VC				No	No	0	0	NA	NA	0	0	0	NA
09BSDO49	None		Clear		None		Clear	Other	Garbage			Round		Concrete				No	Yes	1 - Min: <1gal bucket	0 - No	4 - Yes	1 - Min: broken	1 - Min: etching	NA	NA	NA
09ESDO229	None				None			None		9EMH191																	
09KSDO16	Sewage		Clear		None		Suspended Solids	None		8KMH50																	
10BSDO15	None		Clear		None		Clear	None		10BMH21		Round		Concrete				No	No	2 - Mod: 1-3gal bucket	0 - No	0 - No	0 - No	0 - No	2 - Mod: 1-3gal bucket	0 - No	NA
11BMH49								None		11BMH49																	
11BSDO123	None		Clear		None		Clear	None		11BMH43																	
11GSDO344										11GMH246																	
11GSDO344					None					11GMH247																	
12BSDO14										12BMH80																	
12BSDO31																											
12BSDO33	None		Clear		None		Clear	None		12BMH32																	
12ESDO418	None		Clear		None		Clear	None		12FMH41		Round		Metal				No	No	0 - No	0 - No	0 - No	0 - No	NA	NA	NA	NA
12FSDO305	None		Clear		None		Clear	None				Round		PVC				No	No	0 - No	0 - No	NA	NA	NA	NA	NA	NA
12HSDO1					Garbage			None		12HMH24																	
12HSDO1					Garbage			None		12HMH29																	
12HSDO92	None		Clear		None		Clear	None				Round		Other	Unknown			No	No	0 - No	0 - No	NA	NA	NA	NA	NA	NA
12LSDO296	None		Yellow		None			None		12LMH374																	
13BSDO11					None			None		13BMH9		Round		Unknown				No	No	NA	NA	NA	NA	NA	NA	NA	NA
13DSDO077	None		Clear		None		Clear	None						Concrete				No	No	0	0	NA	NA	0	NA	NA	NA
13DSDO078	None		Clear		None		Clear	None						Concrete				No	No	0	0	NA	NA	0	NA	NA	NA
13ESDO176					None			None		12EMH146		Round		Unknown				No	No	0 - No	0 - No	NA	NA	0 - No	0 - No	0 - No	NA
13FSDO12	None				None			None		13FMH35		Round		Concrete				No	No	2 - Mod: 1-3gal bucket	0 - No	NA	NA	0 - No	0 - No	0 - No	NA
13FSDO12	None							None		13FMH33		Round		Concrete				No	No	2 - Mod: 1-3gal bucket	0 - No	NA	NA	0 - No	0 - No	0 - No	NA
13FSDO95					None			None		13FMH41		Round		Concrete				No	No	0 - No	3 - Yes, Broken	NA	NA	NA	NA	NA	NA
13FSDO96	None							None				Round		VC				No	No	0 - No	0 - No	NA	NA	NA	3 - Maj: 3-5gal bucket	0 - No	NA
13FSDO97	None							Sediments				Round		VC				No	No	2 - Mod: 1-3gal bucket	0 - No	NA	NA	NA	NA	NA	NA
14CSDO9	None							None		14CMH12		Round		Concrete				No	No	0 - No	0 - No	0 - No	0 - No	NA	NA	NA	NA
14EMH36	None							None		14EMH36																	
19GSDO199	None				None			None		19GCB14																	
19LCSO084	None		Clear		None		Cloudy	None		19LMH260																	
19LCSO085	None		Clear		None		Cloudy	None		19LMH27	84	Other	Unknown	Concrete		Normal											
19MCSO083	None							None		19MMH96	36	Round		Concrete		Normal											
20DMH19	None		Clear		None		Cloudy	None		20DMH19	15	Round		Concrete		Normal											
20DMH62	None		Clear		None		Cloudy	None		20DMH62	12	Round		Other	VC	Normal											
20GSDO163	None		Clear		None		Suspended Solids	Sediments		20GMH107																	
20GSDO164	None		Green		None		Cloudy	None		20GCB126																	
21HSDO047	None		Clear		None		Clear	None		21HMH14		Round		Metal													
21HSDO048	None							Sediments		20HMH267																	
21KSDO069	None		Clear		None		Clear	None		21KMH489	48	Round		Concrete		Normal											
21NCSO80	None		Clear		None		Clear	None		21NMH9																	
23HMH81	None		Green		Garbage		Cloudy	None		23HMH81																	
23HSDO040	None		Clear		Garbage		Cloudy	None		23HMH68	24	Round		Concrete		Normal											
23HSDO042	None		Clear		None		Clear	None		23MMH111	18	Round		Concrete		Normal											
23LCSO062	None		Clear		None		Clear	None																			
23LSDO074	None		Clear		None		Clear	None		23LMH87	12	Round		Metal		Normal											
23LSDO15	None		Clear		None		Cloudy	None		23LMH233																	
24CSDO39	None		Clear		None		Clear	None		24CMH14		Round								NA	NA	NA	NA	NA	NA	NA	NA
24DSDO032	None		Clear		None		Cloudy	None		Unmapped	152x132	Other	Rectangular	Other	Unknown	Normal											
24DSDO150	None		Clear		None		Clear	None				Round		Concrete				No	No	0 - No	0 - No	NA	NA	NA	NA	NA	NA
24LSDO22	None		Clear		None		Clear	None		24LMH369	48	Round		Concrete		Normal											
24LSDO233	None		Clear		None		Clear	None		24LTG234	48	Round		Concrete		Normal											
25DSDO040	None		Clear		None		Clear	None		25DMH23	36	Round		Concrete		Normal											
25ESDO037	None		Clear		Oily Sheen	Garbage	Clear	Oil		25EMH131																	
25LCSO057	None		Clear		None		Cloudy	None		25LMH191	18	Round		Other	VC	Normal											
25MCSO005	Salt Water		Clear		None		Clear	Sediments		25MMH60	24	Round		Other	Brick	Normal											
25MSDO007					None			None		26MMH338																	
26FSDO038	None		Clear		None		Clear	None		26FMH38																	
26JSDO049	None		Clear		None		Clear	None		CH62697																	
26JSDO052	None		Clear		None		Clear	None		26JMH37	12	Round		Concrete		Normal											
26KSDO254	None		Clear		None		Cloudy	None		26KMH166																	
26LSDO084	Salt Water		Clear		None		Clear	None				Round		Concrete				No	No	0 - No	0 - No	NA	NA	NA	0 - No	0 - No	NA
26LSDO106	None				None			None		26LMH177		Round		Other	Unknown			No	No	NA	NA	NA	NA	NA	NA	NA	NA
27JSDO001								None		27JMH17																	
27JSDO044	None		Clear		None		Clear	Sediments		27JMH46																	
27JSDO096								Other	Trash	27JMH94																	
28LSDO073												Round		Unknown				No	No	NA	NA	NA	NA	NA	NA	NA	NA
28LSDO077																											
28NSDO156	None		Clear		None		Clear	None				Round		Concrete				No	No	1 - Min: <1gal bucket	3 - Yes, Broken	NA	NA	NA	1 - Min: <1gal bucket	0 - No	NA
29JSDO029	None		Clear		None		Clear	None				Round		Concrete				No	No	0 - No	0 - No	NA	NA	0 - No	NA	NA	NA
29PSDO005	None		Yellow		None		Cloudy	None		29PMH78																	
30PSDO62	None		Clear		None		Clear	None		30PMH60																	

Facility ID	Samples Collected	If No- Reason	Other Reason No Sample	Surfactants	Ammonia	Chlorine	pH	Conductivity	Temperature	Salinity	Comments	Type Bacteria	Result CFU	Duplicate Sample Collected?	Result CFU
01ESDO24	Yes			0	0	0	7.86	134.6	11	0.0757	Outfall standing water, 75% submerged. Could not locate MH 01E020.	E. Coli	20	No	
01FSDO31	Yes			1	0.4	0	7.87	3220	22.4	0.16	Could not locate outfall. Only N inlet flowing.	E. Coli	4,000	No	
02ESDO5	Yes			0.25	0.1	0.1	7.8	4090	23.4	0.2	Sediment in invert.	E. Coli	2,800	Yes	3,400
02FSDO120	Yes			0	0.2	0	6.73	1664	12.8	0.79		E. Coli	30	No	
02FSDO85	No	No Flow													
02FSDO93	No	Standing Water													
03ESDO185	Yes			0.25	0.1	0	8.13	213	10.3	0.094	Area around outfall smelled like gas, but the odor could not be isolated to the flow.	E. Coli	760	No	
03ESDO186	Yes			0.25	0.1	0	7.6	40.8	13.1	0.02		E.coli	2,600	Yes	2100
03ESDO207	No	No Flow													
04ESDO64	No	No Flow													
04ESDO69	Yes			0.25	0.1	0.3	6.93	1351	10.2	0.655	Outfall 100% submerged. MH 4EMH67 and MH 4EMH68 standing water.	E. Coli	170	No	
04FMH90	Yes			0.75	0.1	0.1	7.04	6030	10.4	3.17		E. Coli	40	No	
04FSDO1	Yes			0	0.1	0	7.84	83.6	10.8	0.04		E. Coli	910	No	
04FSDO118	Yes			0.25	0.1	0	7.76	96.5	13.8	0.04		E. Coli	90	No	
04FSDO16	No	Standing Water													
04FSDO189	Yes			0	0.6	0	7.75	90.5	11.7	0.04	Sampled upstream.	E. Coli	410	No	
04FSDO203	No	No Flow													
05CSDO110	Yes			0.5	0.1	0.3	6.81	2420	9.8	1.22		E. Coli	360	No	
05ESDO180	No	No Flow													
05ESDO181	No	No Flow									Leaves in way of pipe but pipe is dry.				
05ESDO183	No	No Flow													
05FSDO244	No	Standing Water													
05FSDO245	Yes			1.5	0.2	0	7.86	137.2	12.4	0.06	Sampled upstream.	E. Coli	16,000	No	
05FSDO254	Yes			0	0.3	0	8.11	76.5	12	0.04		E. Coli	>80,000	No	
05GSDO112	Yes			1.5	0.8	0	7.45	133	24.4	0.07	Could not access outfall on other side of MBTA tracks.	E. Coli	3,100	No	
05GSDO115	Yes			2	10	0	7.71	487	21.4	0.23		E. Coli	61,000	No	
06CMH117	No	No Flow													
06DSDO184	No	Standing Water									Cannot locate upstream features.				
06DSDO83	No	No Flow													
06DSDO84	No	No Flow									Manhole filled with lots of sediment.				
06DSDO85	No	No Flow									Outfall sign says #86 in field				
06DSDO86	No	No Flow									CB filled with sediment.				
06DSDO91	No	Standing Water													
06FSDO233	No	No Flow													
06HSDO106	No	No Flow													
06HSDO107	No	No Flow													
07CSDO006	Yes			0.25	0	0	7.81	649	9.6	0.367		E. Coli	2,300	No	
07HSDO346	Yes			1	2	0	7.46	103.6	23.3	0.05	Could not locate outfall. Moderate flow observed and sampled from first upstream manhole, 7HMH344.	E. Coli	22,000	No	
07HSDO347	Yes			1	2	0	6.83	200	23.1	0.1		E. Coli	3,800	No	
07HSDO348	Yes			1	2	0	7.6	190	23.1	0.09	Trash fills screen upstream of outfall.	E. Coli	5,400	No	
08BSDO122	Yes			0.25	0.8	0.1	7.6	633	11.2	0.358	Outfall 90% submerged. Mapped as catch basin, actually manhole. 8BCB46, actually manhole, standing water.	E. Coli	430	Yes	460
08BSDO126	Yes										Not enough flow for test kit	E. Coli	20	No	
08ESDO33	No	No Flow													
08FSDO1	Yes			0.25	0	0	7.04	548	13.1	0.26		E. Coli	110	No	
08ISDO153	No	No Flow													
08ISDO155	No	No Flow													
08ISDO156	Yes			0.25	0.1	0	7.88	354	10.6	0.157	Sample taken from convergence of flows from both barrels of outfall.	E. Coli	1,900	No	
08ISDO207	Yes			0	0	0	7.98	243	10.4	0.11		E. Coli	40	No	
08ISDO209	No	No Flow													
08JSDO102	Yes			0.25	0.4	0	8.38	145.2	11.2	0.065		Enterococci	1,900	No	
08JSDO41	Yes			0	3	0	7.16	149.7	17.4	0.07	Sampled flow at outlet pipe.	E. Coli	4,500	No	
08KSDO49	Yes			0	0.3	0.3	8.57	134.6	27.7	0.07		Enterococci	17,000	No	
09BSDO49	Yes			0.25	5	0	6.9	784	11.2	0.37		E. Coli	20	No	
09ESDO229	No	No Flow									Time constraint, assessed first upstream manhole.				
09KSDO16	Yes			0.5	3	0	7.24	470	9.7	0.22	sample take from the outlet	E. Coli	>80,000	No	
10BSDO15	Yes			0.5	0.8	0	7.75	79.8	10.7	0.04	Observed flow beneath surface of cloudy standing water that fully submerged outfall behind bar screen. Had to move to upstream manhole for sample.	E. Coli	2,000	No	
11BMH49	No	No Flow													
11BSDO123	No	Standing Water									Could not locate outfall. Inspected upstream manholes 11BMH45, 11BMH44, 11BMH43; all of which held standing water.				
11GSDO344	No	No Flow													
11GSDO344	No	Standing Water													
12BSDO14	No	Other	Cannot open.								Appears to be under bridge, water line too high, likely submerged.				
12BSDO31	No	Other	Could not locate outfall or upstream features.								Could not locate. Upstream MH did not have outlet in direction of mapped outfall location.				
12BSDO33	Yes			1	0.4	0	7.22	525	12.5	0.25	Observed all flow coming from unmapped S inlet. Both catchbasin inlets and main inlet to 12BMH34 observed dry.	E. Coli	80	No	
12ESDO418	Yes			0	0.2	0.1	7.87	505	11.8	0.24		E. Coli	780	Yes	1200
12FSDO305	Yes			0.5	0.4	0	7.85	1005	13.1	0.47		E. Coli	10,000	No	
12HSDO1	No	Standing Water													
12HSDO1	No	Standing Water													
12HSDO92	Yes			0	1	0	7.25	1075	9.3	0.75	outfall 100% submerged	E. Coli	10	No	
12LSDO296	Yes			1	0.4	0	7.18	14550	6.1	0.08		Enterococci	4,100	No	
13BSDO11	No	Standing Water													
13DSDO077	Yes			0	0.6	0	7.38	3610	20.2	0.17		E. Coli	13,000	No	
13DSDO078	Yes			0	0.6	0	7.79	3250	19.7	0.15		E. Coli	10,000	No	
13ESDO176	No	No Flow									Outfall inaccurately mapped. Located beneath culvert in parking lot. Next three upstream manholes all held standing water. Inlets in 12EMH176 observed dry.				
13FSDO12	No	No Flow													
13FSDO12	No	No Flow													
13FSDO95	No	No Flow													
13FSDO96	No	No Flow													
13FSDO97	No	No Flow													
14CSDO9	No	No Flow									Sump just upstream of outfall held standing water. One inlet into sump was observed dry. Upstream manhole 14CMH11 held standing water, and the main inlet into 14CMH12 was observed dry.				
14EMH36	No	No Flow													
19GSDO199	No	Standing Water									Outfall not located				
19LCSO084	Yes			0	0	0	7.4	146	9.9	0.07		Enterococci	2,400	No	
19LCSO085	Yes			2	0	0	7.44	OR	8.2	OR		Enterococci	<10	No	
19MCSO083	No	No Flow													
20DMH19	Yes			0.25	0.3	0	8.61	1300	11.6	0.63		E. Coli	2,200	No	
20DMH62	Yes			0.25	0.2	0.1	8.55	190.8	12.6	0.088		E. Coli	7,000	No	
20GSDO163	Yes			0.25	0.1	0.1	6.78	392	11.8	0.18		E. Coli	1,800	No	
20GSDO164	No	Standing Water									Could not locate outfall. Upstream CB held standing water. Inlet observed dry. Hooded outlet; could not observe/sample any flow out of CB.				
21HSDO047	Yes			0.25	0.3	0	7.23	1841	14.8	0.94	Downstream manhole was full of debris. Sampled from outlet as both inlets were observed flowing.	E. Coli	680	No	
21HSDO048	No	No Flow									Could not locate outfall. See photograph of buried concrete headwall. Unable to confirm if related to outfall. The outlet of upstream manhole 20MH267 appeared dry, ~50% full of leaves and sediment.				
21KSDO069	Yes			0.5	0.1	0	7.65	330	8.4	0.145	North inlet looks to be a new service for the bridge drainage. Cracked cover for upstream manhole 21K487. Unable to open manhole 21K486 rusted cover.	Enterococci	1,800	No	
21NCSO80	Yes			0.75	0	0	6.98	170	10.6	OR		Enterococci	5,400	No	
23HMH81	No	Standing Water									Outlet and SW completely submerged. W inlet observed dry.				
23HSDO040	No	Standing Water									Standing water at upstream manholes 23H068 and 23H083.				
23HSDO042	Yes			0.75	0	0	7.3	129.7	7.3	0.055	Standing water at upstream manholes 23H050 and 23H112.	E. Coli	2,700	No	
23LCSO062	Yes			1.5	0	0	7.63	OR	7.1	OR	Outfall submerged with positive flow.	Enterococci	160	No	
23LSDO074	Yes			0.25	0.1	0	7.47	228	8.4	0.099		Enterococci	1,900	No	
23LSDO15	Yes			0.75	0.4	0	6.77	7470	9	3.69		Enterococci	510	No	
24CSDO39	Yes			0.5	0.2	0	6.94	3060	12.1	1.57	Sample collected at outlet, both inlets were observed flowing	E. Coli	270	Yes	280
24DSDO032	Yes			0.25	0.2	0.1	7.76	932	12.4	0.449	Outfall and first manhole upstream were standing water. 2nd MH had heavy flow from E inlet, sample taken from outlet. MH is in median on Soldier's Field Rd but not properly mapped.	E. Coli	27,000	No	
24DSDO150	Yes			0	0	0	7.11	111.8	11.9	0.01		E. Coli	130	No	
24LSDO22	Yes			0.75	0	0	6.91	4960	7.2	2.41		Enterococci	690	No	
24LSDO233	Yes			0.5	0.2	0	7.27	2080	10.3	0.977	Sample taken from the outlet.	Enterococci	1,400	No	
25DSDO040	Yes			0.75	8	0	6.93	8300	10.4	0.437		E. Coli	130	No	
25ESDO037	No	Standing Water													
25LCSO057	Yes			3	4	0	8.64	2040	11	1.23	Unable to locate outfall.	Enterococci	14,000	Yes	12,000
25MCSO005	Yes			0.5	0.2	0	8.14	4570	9.6	2.3	Unable to access outfall.	Enterococci	1,900	No	
25MSDO007	No	Standing Water									Outfall was blocked off by a large construction site. Outfall and downstream manholes could not be accessed due to construction site.				
26FSDO038	No	Standing Water													
26JSDO049	Yes			0	0.3	0	8.2	109	10.7	0.05		Enterococci	3,200	No	
26JSDO052	Yes			0.25	2	0	7.57	1632	12.2	0.802	Outfall not as mapped. MH actually located in street by corner, assumed to be 26JMH37.	E. Coli	220	No	
26KSDO254	Yes			0.25	0.8	0	7.9	546	10.8	0.26	Flow only from the NW inlet	Enterococci	49,000	No	
26LSDO084	Yes			1	0.1	0	7.08	11700	10.7	5.92		Enterococci	600	No	
26LSDO106	No	No Flow									All pipes observed dry.				
27JSDO001	No	Standing Water									Unable to locate downstream manholes 27JMH4 or 27JMH2				
27JSDO044	No	Standing Water									Upstream manhole 27JMH46 held standing water. Main inlet from NE not visible. Inlet from catchbasins on interstate appeared dry.				
27JSDO096	No	Standing Water									Inlets outlets not visible				
28LSDO073	No	Other	Could not locate outfall or upstream features.								Could not locate outfall or upstream features.				
28LSDO077	No	Other	Could not locate outfall or upstream features.								Could not locate outfall or upstream features.				
28NSDO156	Yes			1	0.1	0	7.33	7300	12.1	3.7		Enterococci	2,500	No	
29JSDO029	Yes			0	0	0	8.54	243	10.4	0.11		Enterococci	2,300	No	
29PSDO005	Yes			0.5	0.4	0	11.4	2220	4.5	1.01		Enterococci	3,100	No	
30PSDO62	Yes			0.25	0.1	0	9.89	720	8.2	0.32	Only NW pipe was flowing, others were standing water. Sample taken from NW inlet.	Enterococci	1,800	No	

TABLE 2-5. 2017 REVISED PRIORITY RANKING AND SCHEDULE

| Facility_ID | 2012 Dry Weather: Inspection_Date | Samples_Collected | If_No_Reason | Type_Bacteria | Result_CFU | 2012 Wet Weather: Inspection_Date | Samples_Collected | If_No_Reason | Type_Bacteria | Result_CFU | 2013 Dry Weather: Inspection_Date | Samples_Collected | If_No_Reason | Type_Bacteria | Result_CFU | 2013 Wet Weather: Inspection_Date | Samples_Collected | If_No_Reason | Type_Bacteria | Result_CFU | 2014 Dry Weather: Inspection_Date | Samples_Collected | If_No_Reason | Surfactants (mg/L) | Ammonia (mg/L) | Chlorine (mg/L) | Salinity (ppt) | Type_Bacteria | Result_CFU | 2014 Wet Weather[2]: Inspection_Date | Samples_Collected | If_No_Reason | Surfactants (mg/L) | Ammonia (mg/L) | Chlorine (mg/L) | Salinity (ppt) | Type_Bacteria | Result_CFU | 2015 Dry Weather: Inspection_Date | Samples_Collected | If_No_Reason | Surfactants (mg/L) | Ammonia (mg/L) | Chlorine (mg/L) | Salinity (ppt) | Type_Bacteria | Result_CFU | 2015 Wet Weather[2]: Inspection_Date | Samples_Collected | If_No_Reason | Surfactants (mg/L) | Ammonia (mg/L) | Chlorine (mg/L) | Salinity (ppt) | Type_Bacteria | Result_CFU | 2016 Dry Weather: Inspection_Date | Samples_Collected | If_No_Reason | Surfactants (mg/L) | Ammonia (mg/L) | Chlorine (mg/L) | Salinity (ppt) | Type_Bacteria | Result_CFU | 2016 Wet Weather[3]: Inspection_Date | Samples_Collected | If_No_Reason | Surfactants (mg/L) | Ammonia (mg/L) | Chlorine (mg/L) | Salinity (ppt) | Type_Bacteria | Result_CFU | Jan 2017 Ranking | Scheduled Completion Date | Jan 2018 Ranking | Jan 2019 Ranking | Jan 2020 Ranking | Jan 2021 Ranking | Facility_ID |
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TABLE 2-5. 2017 REVISED PRIORITY RANKING AND SCHEDULE

Facility_ID	2012 Dry Weather Inspection_Date	Samples_Collected	If_No_Reason	Type_Bacteria	Result_CFU	2012 Wet Weather Inspection_Date	Samples_Collected	If_No_Reason	Type_Bacteria	Result_CFU
3ESDO207	7/31/2012	No	Standing water			1/16/2013	Yes		E. coli	60
5ESDO184	8/8/2012	No	Standing water			12/10/2012	Yes		E. coli	490
21LCSO076	10/3/2012	Yes		Enterococci	370					
5GSDO116A	7/31/2012	No	No flow			12/10/2012	Yes		E. coli	610
19GSDO194	8/27/2012	Yes		E. coli	300					
26JSDO052	8/27/2012	Yes		E. coli	10					
27LSDO020/27LSDO022	8/27/2012	Yes		Enterococci	30					
24LCSO060	9/21/2012	Yes		Enterococci	620					
21MCSO079	10/3/2012	Yes		Enterococci	60					
13FSDO11	8/14/2012	Yes		E. coli	30					
23LCSO062	9/24/2012	No	Standing water			5/9/2013	Yes		Enterococci	100
26KSDO050	9/24/2012	Yes		Enterococci	10					
26LCSO009	9/21/2012	Yes		Enterococci	200					
11MSDO093	8/22/2012	Yes		Enterococci	130					
22KCSO065	9/24/2012	Yes		Enterococci	120					
8FSDO1 - new 2015										
16LSDO122	8/24/2012	No	Standing water			12/18/2012	Yes		Enterococci	390
6GSDO111	8/8/2012	Yes		E. coli	270					
8ISDO154	8/14/2012	Yes		E. coli	210					
26JSDO101	9/24/2012	Yes		Enterococci	10					
25MCSO006	8/27/2012	Yes		Enterococci	660					
22KCSO068	9/25/2012	No	Standing water			5/9/2013	Yes		Enterococci	710
29NSDO015	8/27/2012	Yes		Enterococci	160					
16LSDO097	8/22/2012	Yes		Enterococci	270					
28KSDO386	8/27/2012	No	No flow			12/17/2012	Yes		Enterococci	910
8ISDO207	8/10/2012	No	No flow			12/17/2012	Yes		E. coli	1600
17MSDO33	8/24/2012	Yes		Enterococci	70					
21MSDO010	8/22/2012	Yes		Enterococci	20					
26KSDO35	9/24/2012	Yes		Enterococci	290					
22KCSO072	9/24/2012	Yes		Enterococci	60					
6GSDO166	8/8/2012	No	No flow			12/10/2012	Yes		E. coli	1100
23LSDO202	8/22/2012	Yes		Enterococci	60					
30JSDO6	9/11/2012	Yes		Enterococci	2800	12/17/2012	Yes		Enterococci	900
28LCSO019	9/21/2012	No	Standing water			5/9/2013	No	No Flow		
18LCSO086	10/25/2012	Yes		Enterococci	50					
12HSDO92	8/14/2012	Yes		E. coli	30					
24CSDO174	8/22/2012	Yes		E. coli	30					
6DSDO57	8/9/2012	No	Standing water			12/10/2012	Yes		E. coli	460
6DSDO91	8/9/2012	No	Standing water			12/21/2012	Yes		E. coli	500
5ESDO180	8/8/2012	No	No Flow			12/10/2012	Yes		E. coli	20
19MCSO083	10/25/2012	Yes		Enterococci	110					
12BSDO14	8/9/2012	No	No Flow			12/17/2012	Yes		E. coli	200
20GSDO164 - new 2014										
13FSDO96 - new 2015										
13FSDO97 - new 2015										
28LSDO073	9/18/2012	No	Other	CNL						
28LSDO077	9/18/2012	No	Other	CNL						
5FSDO254	8/9/2012	No	No flow			12/10/2012	Yes		E. coli	80
11BMH49 (DCR 11BSDO28)	9/12/2012	No	No flow			12/21/2012	Yes		E. coli	100
12BSDO10	8/9/2012	No	Other	Unable to access, and No upstream MHs						
24GSDO034	8/30/2012	No	Standing water			12/27/2012	Yes		E. coli	100
5FSDO244	8/8/2012	No	No flow			12/10/2012	Yes		E. coli	170
9ESDO243	8/14/2012	Yes		E. coli	30	12/27/2012	Yes		E. coli	10
4FSDO16	8/8/2012	No	Standing water			12/10/2012	No	Standing Water		
2FSDO85	8/8/2012	No	Standing Water			12/10/2012	Yes		E. coli	70
23LSDO195	8/22/2012	No	No flow			1/31/2013	Yes		Enterococci	440
7HSDO347	8/8/2012	No	No flow			12/21/2012	Yes		E. coli	60
2ESDO5	7/31/2012	No	Standing water			12/10/2012	Yes		E. coli	80
2FMH120 (DCR 2FSDO99)	9/25/2012	No	No flow			12/21/2012	Yes		E. coli	180
3ESDO186	7/31/2012	No	Standing water			12/10/2012	No	Standing Water		
8ISDO156	8/10/2012	No	No flow			12/17/2012	Yes		E. coli	150
20GSDO163	8/23/2012	No	No flow			12/27/2012	Yes		E. coli	10
4FSDO189	8/8/2012	No	No flow			12/10/2012	Yes		E. coli	30
2FSDO120	8/21/2012	Yes		E. coli	160	12/10/2012	Yes		E. coli	590
8BSDO126	8/14/2012	No	Standing water			12/27/2012	Yes		E. coli	210
8JSDO50	8/14/2012	Yes		E. coli	40	12/17/2012	Yes		E. coli	230
6DSDO84	8/9/2012	No	No flow			12/21/2012	Yes		E. coli	120
5ESDO181	8/8/2012	No	No flow			12/10/2012	Yes		E. coli	100
8ISDO153	8/10/2012	No	No flow			12/17/2012	Yes		E. coli	20
6FSDO233	8/8/2012	No	Standing water			12/27/2012	Yes		E. coli	210
23HMH81	9/12/2012	No	Standing water			12/27/2012	Yes		E. coli	10
13BSDO11	8/14/2012	No	Standing water			12/21/2012	Yes		E. coli	70
6DSDO184	8/9/2012	No	Standing water			12/21/2012	Yes		E. coli	50
12HSDO1 (12HMH27)	8/21/2012	No	Standing water			12/21/2012	Yes		E. coli	10
2FSDO93	8/8/2012	No	Standing water			12/10/2012	No	Standing Water		

Facility_ID	2013 Dry Weather Inspection_Date	Samples_Collected	If_No_Reason	Type_Bacteria	Result_CFU	2013 Wet Weather Inspection_Date	Samples_Collected	If_No_Reason	Type_Bacteria	Result_CFU
3ESDO207	1/24/2013	No	No Flow			10/7/2013	Yes		E. Coli	31,000
5ESDO184	1/25/2013	Yes		E. coli	80					
21LCSO076	5/15/2013	Yes		Enterococci	1200					
5GSDO116A	1/15/2013	Yes		E. coli	190	10/7/2013	Yes		E. Coli	4,700
19GSDO194	1/28/2013	Yes		E. coli	90	11/27/2013	Yes		E. Coli	1,100
26JSDO052	8/1/2013	Yes		E. coli	10					
27LSDO020/27LSDO022	7/16/2013	Yes		Enterococci	10					
24LCSO060	5/16/2013	Yes		Enterococci	310					
21MCSO079	5/15/2013	Yes		Enterococci	80					
13FSDO11	1/25/2013	Yes		E. coli	10					
23LCSO062	7/15/2013	Yes		Enterococci	10					
26KSDO050	7/15/2013	Yes		Enterococci	100					
26LCSO009	2/6/2013	Yes		Enterococci	10					
11MSDO093	2/6/2013	Yes		Enterococci	10					
22KCSO065	5/16/2013	Yes		Enterococci	30					
8FSDO1 - new 2015										
16LSDO122	5/28/2013	Yes		Enterococci	130					
6GSDO111	1/15/2013	Yes		E. coli	2200					
8ISDO154	1/15/2013	Yes		E. coli	10	11/22/2013	Yes		E. Coli	30,000
26JSDO101	8/1/2013	Yes		Enterococci	145					
25MCSO006	5/16/2013	Yes		Enterococci	530					
22KCSO068	7/18/2013	No	No Flow			11/27/2013	Yes		Enterococci	2,800
29NSDO015	5/16/2013	Yes		Enterococci	10					
16LSDO097	5/15/2013	Yes		Enterococci	10					
28KSDO386	6/17/2013	Yes		Enterococci	60					
8ISDO207	1/15/2013	No	No Flow			11/22/2013	Yes		E. Coli	3,400
17MSDO33	5/28/2013	Yes		Enterococci	20					
21MSDO010	5/16/2013	Yes		Enterococci	10					
26KSDO35	8/1/2013	Yes		Enterococci	340					
22KCSO072	5/16/2013	Yes		Enterococci	170					
6GSDO166	1/15/2013	Yes		E. coli	540					
23LSDO202	5/14/2013	Yes		Enterococci	30					
30JSDO6	7/11/2013	Yes		Enterococci	30					
28LCSO019	7/11/2013	No	No Flow							
18LCSO086	6/17/2013	No	Standing Water			1/15/2014	Yes		Enterococci	130
12HSDO92	1/25/2013	No	Standing Water			12/30/2013	Yes		E. Coli	30
24CSDO174	2/6/2013	Yes		E. coli	230	12/9/2013	Yes		E. Coli	1,500
6DSDO57	1/24/2013	Yes		E. coli	10	11/27/2013	Yes		E. Coli	1,400
6DSDO91	1/24/2013	No	Standing Water			11/27/2013	Yes		E. Coli	130
5ESDO180	1/24/2013	No	No Flow			12/23/2013	Yes		E. Coli	210
19MCSO083	5/15/2013	Yes		Enterococci	10					
12BSDO14	1/25/2013	No	No Flow			11/27/2013	No	Standing Water		
20GSDO164 - new 2014										
13FSDO96 - new 2015										
13FSDO97 - new 2015										
28LSDO073	7/15/2013	No	Other							
28LSDO077	7/15/2013	No	Other							
5FSDO254	1/15/2013	No	No Flow			41617	Yes		E. Coli	180
11BMH49 (DCR 11BSDO28)	2/6/2013	No	No Flow			12/30/2013	No	No Flow		
12BSDO10	5/28/2013	No	No Flow			11/27/2013	No	No Flow		
24GSDO034	7/9/2013	No	Standing Water			41617	Yes		E. Coli	50
5FSDO244	1/25/2013	No	No Flow			10/7/2013	Yes		E. Coli	30
9ESDO243	1/25/2013	Yes		E. coli	30					
4FSDO16	1/25/2013	No	Standing Water			12/30/2013	No	Standing Water		
2FSDO85	1/24/2013	No	No Flow			10/7/2013	Yes		E. Coli	17000
23LSDO195	6/17/2013	No	No Flow			11/27/2013	Yes		Enterococci	1100
7HSDO347	1/15/2013	No	No Flow			11/27/2013	Yes		E. Coli	500
2ESDO5	1/24/2013	No	Standing Water			10/7/2013	Yes		E. Coli	420
2FMH120 (DCR 2FSDO99)	2/6/2013	No	No Flow			12/30/2013	No	No Flow		
3ESDO186	1/25/2013	No	Standing Water			12/9/2013	No	Standing Water		
8ISDO156	1/15/2013	No	No Flow			11/22/2013	Yes		E. Coli	13000
20GSDO163	1/28/2013	No	Standing Water			11/27/2013	Yes		E. Coli	250
4FSDO189	1/25/2013	No	Standing Water			12/24/2013	Yes		E. Coli	2900
2FSDO120	1/24/2013	Yes		E. coli	10					
8BSDO126	2/6/2013	No	Standing Water			11/27/2013	Yes		E. Coli	540
8JSDO50	1/15/2013	Yes		E. coli	10	11/22/2013	Yes		E. Coli	560
6DSDO84	1/24/2013	No	No Flow			11/27/2013	No	Standing Water		
5ESDO181	1/24/2013	No	No Flow			12/23/2013	Yes		E. Coli	770
8ISDO153	1/15/2013	No	No Flow			11/27/2013	Yes		E. Coli	120
6FSDO233	1/15/2013	No	Standing Water			12/30/2013	No	Standing Water		
23HMH81	6/21/2013	No	No Flow			12/30/2013	No	Standing Water		
13BSDO11	1/25/2013	No	Standing Water			12/30/2013	No	No Flow		
6DSDO184	1/24/2013	No	Standing Water			12/30/2013	No	Standing Water		
12HSDO1 (12HMH27)	1/25/2013	No	Standing Water			12/30/2013	No	Standing Water		
2FSDO93	1/24/2013	No	Standing Water			12/9/2013	No	Standing Water		

Facility_ID	2014 Dry Weather Inspection_Date	Samples_Collected	If_No_Reason	Surfactants (mg/L)	Ammonia (mg/L)	Chlorine (mg/L)	Salinity (ppt)	Type_Bacteria	Result_CFU	2014 Wet Weather[1] Inspection_Date	Samples_Collected	If_No_Reason	Surfactants (mg/L)	Ammonia (mg/L)	Chlorine (mg/L)	Salinity (ppt)	Type_Bacteria	Result_CFU
3ESDO207	7/22/2014	No	No Flow							5/1/2014	Yes		0	1	0.1	0.084	E. coli	260
5ESDO184	4/29/2014	Yes		1	0	0	0.931	E. coli	350									
21LCSO076	7/21/2014	Yes		1	1	0	OR	Enterococci	250									
5GSDO116A	5/19/2014	Yes		0	0.1	0	1.47	E. coli	200	4/16/2014	Yes		0	0	0	1.17	E. coli	370
19GSDO194	5/8/2014	Yes		0	2	0.1	1.65	E. coli	530	6/26/2014	Yes		0	0.2	0	0.328	E. coli	27000
26JSDO052	5/21/2014	Yes		0.5	10	0	1.78	Enterococci	10									
27LSDO020/27LSDO022	5/20/2014	Yes		1	0.1	0	OR	Enterococci	1700									
24LCSO060	7/22/2014	Yes		1	0.2	0	OR	Enterococci	3600									
21MCSO079	7/21/2014	Yes		1	0	0	OR	Enterococci	60									
13FSDO11	6/9/2014	Yes		0	0.2	4	0.361	E. coli	60									
23LCSO062	7/22/2014	Yes		2	0.1	0	OR	Enterococci	140									
26KSDO050	5/21/2014	Yes		0	0.3	0	0.579	Enterococci	10									
26LCSO009	7/3/2014	Yes		2	0.4	0	OR	Enterococci	60									
11MSDO093	6/2/2014	Yes		1	2	0	OR	Enterococci	1100									
22KCSO065	7/21/2014	Yes		1	0.1	0	OR	Enterococci	420									
8FSDO1 - new 2015																		
16LSDO122	6/3/2014	Yes		1	1	0	OR	Enterococci	20									
6GSDO111	5/22/2014	Yes		0	0	0.1	2.72	E. coli	170									
8ISDO154	5/27/2014	Yes		0	0.1	0	0.577	E. coli	40	4/16/2014	Yes		0	0	0	0.248	E. coli	1500
26JSDO101	5/21/2014	Yes		0	0	0	0.206	Enterococci	90									
25MCSO006	5/19/2014	Yes		1	0.1	0	OR	Enterococci	450									
22KCSO068	6/16/2014	Yes		1	0.2	0	OR	Enterococci	100	11/6/2014	Yes		0.25	1	0	1.81	Enterococci	2300
29NSDO015	5/19/2014	Yes		1	0	0	OR	Enterococci	40									
16LSDO097	6/3/2014	Yes		1	0.1	0	OR	Enterococci	210									
28KSDO386	5/21/2014	Yes		1	0	0	OR	Enterococci	50									
8ISDO207	5/27/2014	No	No Flow							4/16/2014	Yes		0	0	0.1	0.228	E. coli	620
17MSDO33	6/20/2014	Yes		1	0	0	OR	Enterococci	130									
21MSDO010	5/8/2014	Yes		1	3	0	OR	Enterococci	110									
26KSDO35	5/21/2014	Yes		1.5	0.3	0	OR	Enterococci	780									
22KCSO072	6/20/2014	Yes		1	0	0	OR	Enterococci	290									
6GSDO166	5/22/2014	Yes		0	1	0	0.277	E. coli	1200									
23LSDO202	5/8/2014	Yes		2	0	0	OR	Enterococci	10									
30JSDO6	5/21/2014	Yes		1	0	0	OR	Enterococci	10									
28LCSO019	7/21/2014	Yes		2	0	0	OR	Enterococci	10	11/6/2014	Yes		2	0.1	0	OR	Enterococci	60
18LCSO086	6/20/2014	Yes		1.5	0	0.1	OR	Enterococci	10	11/6/2014	Yes		2	0.6	0	OR	Enterococci	50
12HSDO92	6/10/2014	No	Standing Water							7/16/2014	No	Standing Water						
24CSDO174	4/22/2014	Yes		0	0.8	0	1.48	E. coli	10	6/26/2014	Yes		0	0.6	0	0.126	E. coli	4500
6DSDO57	5/20/2014	Yes		0	0	0	0.713	E. coli	40000	7/16/2014	Yes		0	0.2	0.2	0.046	E. coli	20000
6DSDO91	5/22/2014	No	Standing Water							5/1/2014	Yes		0	0.5	0	0.196	E. coli	390
5ESDO180	6/9/2014	No	No Flow							5/1/2014	Yes		0	0.2	0	0.15	E. coli	70
19MCSO083	7/2/2014	No	No Flow															
12BSDO14	6/2/2014	No	No Flow							5/1/2014	No	Standing Water						
20GSDO164 - new 2014	6/24/2014	No	Standing Water															
13FSDO96 - new 2015																		
13FSDO97 - new 2015																		
28LSDO073	5/20/2014	No	No Flow															
28LSDO077	5/20/2014	No	Other	CNL														
5FSDO254	5/19/2014	No	No Flow							5/28/2014	Yes		0.5	0.3	0	0.112	E. coli	37000
11BMH49 (DCR 11BSDO28)	6/24/2014	No	No Flow							7/28/2014	No	No Flow						
12BSDO10	6/2/2014	No	No Flow							5/1/2014	No	Standing Water						
24GSDO034	7/22/2014	No	Standing Water							7/28/2014	Yes		0	0.6	0	0.305	E. coli	27000
5FSDO244	6/9/2014	No	Standing Water							7/16/2014	Yes		0	0.3	0.1	0.161	E. coli	19000
9ESDO243	5/27/2014	Yes		0	0.2	0	0.775	E. coli	40									
4FSDO16	4/29/2014	No	No Flow							5/1/2014	No	Standing Water						
2FSDO85	7/22/2014	No	No Flow							5/28/2014	Yes		2	5	0	0.106	E. coli	56000
23LSDO195	5/8/2014	Yes		1	10	0	8.49	Enterococci	410	10/2/2014	Yes		1	0.8	0	3.66	Enterococci	3800
7HSDO347	5/27/2014	No	No Flow							5/1/2014	Yes		0	0	0.1	0.044	E. coli	6500
2ESDO5	4/29/2014	No	No Flow							5/28/2014	Yes		0	0.8	0	0.093	E. coli	2100
2FMH120 (DCR 2FSDO99)	5/19/2014	No	No Flow							7/16/2014	Yes		0.25	0.2	0	0.038	E. coli	20000
3ESDO186	6/9/2014	No	Standing Water							5/1/2014	No	Standing Water						
8ISDO156	5/27/2014	No	No Flow							4/16/2014	Yes		0	0.1	0.3	0.195	E. coli	3500
20GSDO163	5/8/2014	No	No Flow							6/26/2014	Yes		0	0	0.1	0.149	E. coli	200
4FSDO189	4/29/2014	No	No Flow							5/1/2014	Yes		0	0.2	0	0.13	E. coli	3200
2FSDO120	4/29/2014	Yes		0	0	0	1.47	E. coli	10									
8BSDO126	5/27/2014	No	Standing Water							7/28/2014	Yes		0	0.3	0.1	0.8	E. coli	16000
8JSDO50	5/27/2014	Yes		0	0	0.1	0.92	E. coli	10	4/16/2014	Yes		0	0	0	0.626	E. coli	670
6DSDO84	5/22/2014	No	No Flow							5/1/2014	Yes		0	0	0	0.015	E. coli	8000
5ESDO181	4/29/2014	No	No Flow							5/1/2014	No	Standing Water						
8ISDO153	5/27/2014	No	No Flow							7/15/2014	No	No Flow						
6FSDO233	5/22/2014	No	Standing Water							5/28/2014	No	Standing Water						
23HMH81	7/23/2014	No	No Flow							8/13/2014	Yes		0	0.2	0.1	0.182	E. coli	8100
13BSDO11	6/9/2014	No	No Flow							5/1/2014	Yes		0	0.6	0	0.265	E. coli	1900
6DSDO184	5/22/2014	No	Standing Water							7/16/2014	No	Standing Water						
12HSDO1 (12HMH27)	6/10/2014	No	Standing Water							7/16/2014	No	Standing Water						
2FSDO93	4/29/2014	No	Standing Water							5/28/2014	No	Standing Water						

Facility_ID	2015 Dry Weather Inspection_Date	Samples_Collected	If_No_Reason	Surfactants (mg/L)	Ammonia (mg/L)	Chlorine (mg/L)	Salinity (ppt)	Type_Bacteria	Result_CFU	2015 Wet Weather[2] Inspection_Date	Samples_Collected	If_No_Reason	Surfactants (mg/L)	Ammonia (mg/L)	Chlorine (mg/L)	Salinity (ppt)	Type_Bacteria	Result_CFU
3ESDO207	1/21/2015	No	No Flow							6/15/2015	Yes		0	0.4	0	0.028	E. Coli	410
5ESDO184	1/22/2015	Yes		0.25	0	0	0.542	E.Coli	350									
21LCSO076	12/1/2015	Yes		2	3	0	4.45	Enterococci	50									
5GSDO116A	4/15/2015	Yes		0.25	0	0	1.53	E.Coli	270	4/21/2015	Yes		0	0.1	0.1	1.01	E. Coli	310
19GSDO194	1/22/2015	Yes		0.25	0.4	0	0.895	E.Coli	300									
26JSDO052	5/6/2015	No	Standing Water															
27LSDO020/27LSDO022	5/26/2015	Yes		3	0.1	0		Enterococci	60									
24LCSO060	7/9/2015	Yes		1.5	0.4	0.1	4.12	Enterococci	390									
21MCSO079	7/22/2015	Yes		0.75	0.4	0	2.3	Enterococci	270									
13FSDO11	5/18/2015	Yes		0	0.1	1	0.432	E.Coli	10									
23LCSO062	7/9/2015	No	Standing Water															
26KSDO050	7/9/2015	Yes		2	0.2	0	OR	Enterococci	140	4/21/2015	Yes		0	1.3	0	0.267	E. Coli	20
26LCSO009	6/11/2015	Yes		1	0	0		Enterococci	10									
11MSDO093	6/11/2015	Yes		1	2	0	6.38	Enterococci	150									
22KCSO065	7/22/2015	Yes		3	0.1	0.1	OR	Enterococci	120									
8FSDO1 - new 2015	7/7/2015	No	No Flow															
16LSDO122	6/24/2015	Yes		1	3	0	8.62	Enterococci	60									
6GSDO111	4/16/2015	Yes		0.5	0	0	2.73	E.Coli	160									
8ISDO154	5/5/2015	Yes		0.5	1	0	0.72	E.Coli	190	4/21/2015	Yes		0	0.3	0	0.196	E. Coli	200
26JSDO101	7/22/2015	Yes		0.25	0.2	0	0.265	Enterococci	40	4/21/2015	Yes		0.25	0.1	0.1	0.408	E. Coli	80
25MCSO006	5/12/2015	Yes		1	0	0.1		Enterococci	10									
22KCSO068	7/9/2015	Yes		1.5	0.2	0	4.05	Enterococci	20									
29NSDO015	7/7/2015	Yes		1	0	0	OR	Enterococci	520									
16LSDO097	6/24/2015	Yes		2	0.4	0		Enterococci	430									
28KSDO386	5/27/2015	Yes		0.25	0.8	0	OR	Enterococci	140									
8ISDO207	5/5/2015	No	No Flow							4/21/2015	Yes		0	0.1	0	0.0978	E. Coli	620
17MSDO33	7/7/2015	Yes		1.5	0.6	0	OR	Enterococci	50									
21MSDO010	5/11/2015	Yes		2	0.4	0		Enterococci	10									
26KSDO35	7/9/2015	Yes		2	0.3	0	OR	Enterococci	30									
22KCSO072	7/9/2015	Yes		3	0.2	0	OR	Enterococci	20									
6GSDO166	4/16/2015	Yes		0.25	0.1	0	0.223	E.Coli	20									
23LSDO202	5/11/2015	Yes		2	0.1	0		Enterococci	10									
30JSDO6	6/25/2015	Yes		1	0.1	0.1	OR	Enterococci	10									
28LCSO019	5/27/2015	Yes		0.25	0	0	OR	Enterococci	90									
18LCSO086	7/22/2015	Yes		0	0.2	0.4	0.451	Enterococci	160									
12HSDO92	5/7/2015	No	Standing Water							6/2/2015	No	Standing Water						
24CSDO174	5/7/2015	Yes		0.25	0.3	0	1.29	E.Coli	10									
6DSDO57	1/21/2015	Yes		0	0	0.6	0.196	E.Coli	10									
6DSDO91	1/21/2015	No	Standing Water							6/2/2015	No	Standing Water						
5ESDO180	1/22/2015	No	No Flow							6/2/2015	No	No Flow						
19MCSO083	7/9/2015	No	No Flow							11/11/2015	No	No Flow						
12BSDO14	5/5/2015	No	No Flow							6/1/2015	No	Standing Water						
20GSDO164 - new 2014	1/22/2015	No	No Flow							9/30/2015	No	Standing Water						
13FSDO96 - new 2015	12/1/2015	No	No Flow															
13FSDO97 - new 2015	12/1/2015	No	No Flow															
28LSDO073	5/27/2015	No	No Flow															
28LSDO077	5/27/2015	No	Other	CNL														
5FSDO254	1/22/2015	No	No Flow							6/2/2015	Yes		0.25	0.3	0	0.086	E. Coli	8300
11BMH49 (DCR 11BSDO28)	5/5/2015	No	No Flow							6/1/2015	Yes		0.25	1	0	0.104	E. Coli	80000
12BSDO10	5/5/2015	Yes		0	0.1	0	0.783	E.Coli	680	6/1/2015	Yes		0.25	0.6	0	0.297	E. Coli	80000
24GSDO034	5/4/2015	Yes		0.25	2	0	2.17	E.Coli	10	9/30/2015	Yes		0	0.3	0	0.048	E. Coli	10000
5FSDO244	4/15/2015	No	Standing Water							6/2/2015	Yes		0	0	0	0.096	E. Coli	7000
9ESDO243	1/22/2015	Yes		0.25	0.1	0	0.721	E.Coli	10	6/15/2015	Yes		0.5	0.4	0	0.085	E. Coli	14000
4FSDO16	1/22/2015	No	No Flow							6/15/2015	Yes		0.5	1	0	0.068	E. Coli	5600
2FSDO85	1/21/2015	No	No Flow							6/2/2015	Yes	No Value	0	0.2	0	0.034	E. Coli	5200
23LSDO195	5/11/2015	Yes		2	0.3	0		Enterococci	30									
7HSDO347	4/16/2015	No	No Flow							4/21/2015	Yes		0	0.1	0	0.111	E. Coli	20
2ESDO5	1/21/2015	No	No Flow							6/2/2015	Yes		0	0.2	0	0.056	E. Coli	12000
2FMH120 (DCR 2FSDO99)	1/21/2015	No	No Flow							10/29/2015	Yes		0.25	1	0	0.055	E. Coli	3300
3ESDO186	1/21/2015	No	Standing Water							6/15/2015	Yes		0.5	2	0	0.12	E. Coli	12000
8ISDO156	5/5/2015	No	No Flow							4/21/2015	Yes		0	0.1	0	0.193	E. Coli	680
20GSDO163	1/22/2015	No	No Flow							9/30/2015	Yes		0	0.1	0	0.034	E. Coli	1200
4FSDO189	1/22/2015	No	No Flow							6/2/2015	Yes		0	0.2	0	0.126	E. Coli	7100
2FSDO120	1/21/2015	Yes		0.5	0	0	1.87	E.Coli	10	6/2/2015	Yes		0	0	0	0.312	E. Coli	23000
8BSDO126	1/22/2015	No	No Flow							6/1/2015	Yes		0.25	1	0	0.151	E. Coli	6000
8JSDO50	5/7/2015	Yes		0.25	0	0	1.42	E.Coli	10									
6DSDO84	1/21/2015	No	No Flow							6/2/2015	No	Standing Water						
5ESDO181	1/22/2015	No	No Flow							6/2/2015	No	No Flow						
8ISDO153	5/5/2015	No	No Flow							10/29/2015	No	No Flow						
6FSDO233	4/15/2015	No	No Flow							10/29/2015	No	No Flow						
23HMH81	5/18/2015	No	Standing Water							10/29/2015	No	No Flow						
13BSDO11	5/18/2015	No	No Flow							6/2/2015	No	No Flow						
6DSDO184	1/21/2015	No	Standing Water							6/2/2015	No	Standing Water						
12HSDO1 (12HMH27)	5/18/2015	No	Standing Water							6/2/2015	No	Standing Water						
2FSDO93	1/21/2015	No	Standing Water							6/2/2015	No	Standing Water						

Facility_ID	2016 Dry Weather Inspection_Date	Samples_Collected	If_No_Reason	Surfactants (mg/L)	Ammonia (mg/L)	Chlorine (mg/L)	Salinity (ppt)	Type_Bacteria	Result_CFU	2016 Wet Weather[3] Inspection_Date	Samples_Collected	If_No_Reason	Surfactants (mg/L)	Ammonia (mg/L)	Chlorine (mg/L)	Salinity (ppt)	Type_Bacteria	Result_CFU
3ESDO207	4/28/2016	No	No Flow							11/30/2016	No	No Flow						
5ESDO184	6/15/2016	No	Standing Water															
21LCSO076	7/14/2016	Yes		1.00	3.0	0.0	OR	Enterococci	310									
5GSDO116A	6/22/2016	No	No Flow															
19GSDO194	3/1/2016	Yes		0.25	0.0	0.0	2.080	E. Coli	290									
26JSDO052	7/12/2016	No	No Flow							5/3/2016	Yes		0.25	2.0	0.0	0.802	E. Coli	220
27LSDO020/27LSDO022	7/21/2016	Yes		3.00	0.0	0.0	OR	Enterococci	200									
24LCSO060	3/1/2016	Yes		2.00	0.0	0.0		Enterococci	200									
21MCSO079	7/14/2016	Yes		2.00	1.0	0.2	OR	Enterococci	170									
13FSDO11	6/27/2016	Yes		0.00	0.0	0.0	0.220	E. Coli	160									
23LCSO062	7/21/2016	Yes		2.00	0.3	0.0	OR	Enterococci	10	2/4/2016	Yes		1.50	0.0	0.0	OR	Enterococci	160
26KSDO050	7/7/2016	No	No Flow															
26LCSO009	7/13/2016	Yes		3.00	0.0	0.0	OR	Enterococci	130									
11MSDO093	6/30/2016	Yes		2.00	0.2	0.0	4.230	Enterococci	120									
22KCSO065	7/22/2016	No	Standing Water															
8FSDO1 - new 2015	3/1/2016	No	No Flow							12/1/2016	Yes		0.25	0.0	0.0	0.260	E. Coli	110
16LSDO122	6/29/2016	Yes		1.00	3.0	0.0	OR	Enterococci	100									
6GSDO111	7/7/2016	Yes		0.00	0.0	0.1	3.060	E. Coli	100									
8ISDO154	6/23/2016	Yes		0.00	0.0	0.0	0.580	E. Coli	90									
26JSDO101	7/13/2016	No	Standing Water															
25MCSO006	3/1/2016	Yes		1.00	0.1	0.1	6.600	Enterococci	70									
22KCSO068	7/22/2016	Yes		1.00	3.0	0.1	OR	Enterococci	55									
29NSDO015	7/21/2016	Yes		2.00	0.3	0.0	OR	Enterococci	50									
16LSDO097	6/29/2016	Yes		1.00	0.3	0.0	OR	Enterococci	50									
28KSDO386	7/21/2016	Yes		3.00	0.2	0.3	OR	Enterococci	50									
8ISDO207	1/20/2016	No	No Flow							12/1/2016	Yes		0.00	0.0	0.0	0.110	E. Coli	40
17MSDO33	6/30/2016	Yes		2.00	0.8	0.0	OR	Enterococci	30									
21MSDO010	7/7/2016	Yes		3.00	0.2	0.0	OR	Enterococci	20									
26KSDO35	7/13/2016	Yes		2.00	0.0	0.0	OR	Enterococci	20									
22KCSO072	7/20/2016	No	No Flow															
6GSDO166	7/7/2016	No	No Flow															
23LSDO202	7/7/2016	Yes		3.00	2.0	0.0	OR	Enterococci	<10									
30JSDO6	7/13/2016	Yes		3.00	0.1	0.0	OR	Enterococci	<10									
28LCSO019	7/21/2016	Yes		3.00	0.0	0.0	OR	Enterococci	<10									
18LCSO086	7/28/2016	Yes		2.00	0.0	0.0	OR	Enterococci	<10									
12HSDO92	6/29/2016	No	Submerged							11/30/2016	Yes		0.00	1.0	0.0	0.750	E. Coli	10
24CSDO174	5/19/2016	No	No Flow															
6DSDO57	6/15/2016	No	Standing Water															
6DSDO91	1/21/2016	No	Standing Water							11/30/2016	No	Standing Water						
5ESDO180	4/28/2016	No	No Flow							11/30/2016	No	No Flow						
19MCSO083	7/13/2016	No	No Flow							2/4/2016	No	No Flow						
12BSDO14	6/22/2016	No	CNO							12/1/2016	No	CNO						
20GSDO164 - new 2014	1/21/2016	No	No Flow							11/30/2016	No	Standing Water						
13FSDO96 - new 2015	6/27/2016	No	No Flow							11/30/2016	No	No Flow						
13FSDO97 - new 2015	6/27/2016	No	No Flow							11/30/2016	No	No Flow						
28LSDO073	7/20/2016	No	CNL							12/1/2016	No	CNL						
28LSDO077	7/20/2016	No	CNL							12/1/2016	No	CNL						
5FSDO254	4/28/2016	No	No Flow							10/28/2016	Yes		0.00	0.3	0.0	0.040	E. Coli	>80000
11BMH49 (DCR 11BSDO28)	3/9/2016	No	No Flow							12/1/2016	No	No Flow						
12BSDO10	6/22/2016	No	Standing Water															
24GSDO034	6/16/2016	Yes		1.50	0.4	0.0	0.340	E. Coli	25000	10/28/2016	No	Standing Water						
5FSDO244	4/28/2016	No	Standing Water															
9ESDO243	6/22/2016	Yes		0.00	0.6	0.0	1.120	E. Coli	6000	10/28/2016	No	Standing Water						
4FSDO16	1/21/2016	No	Standing Water															
2FSDO85	4/7/2016	No	No Flow							7/5/2016	No	No Flow						
23LSDO195	7/7/2016	Yes		1.50	2.0	0.0	OR	Enterococci	4200									
7HSDO347	3/1/2016	No	No Flow							7/5/2016	Yes		1.00	2.0	0.0	0.100	E. Coli	3800
2ESDO5	1/20/2016	No	No Flow							7/5/2016	Yes		0.25	0.1	0.1	0.200	E. Coli	3400
2FMH120 (DCR 2FSDO99)	3/9/2016	No	No Flow															
3ESDO186	1/21/2016	No	Standing Water							10/28/2016	Yes		0.25	0.1	0.0	0.020	E. Coli	2100
8ISDO156	6/23/2016	No	No Flow							5/5/2016	Yes		0.25	0.1	0.0	0.157	E. Coli	1900
20GSDO163	1/21/2016	No	No Flow							11/29/2016	Yes		0.25	0.1	0.1	0.180	E. Coli	1800
4FSDO189	4/28/2016	No	No Flow							10/28/2016	Yes		0.00	0.6	0.0	0.040	E. Coli	410
2FSDO120	6/13/2016	Yes		0.00	0.1	0.0	1.160	E. Coli	<10	11/30/2016	Yes		0.00	0.2	0.0	0.790	E. Coli	30
8BSDO126	6/15/2016	No	No Flow							12/1/2016	Yes						E. Coli	20
8JSDO50	6/23/2016	Yes		0.00	0.0	0.0	0.620	E. Coli	<10									
6DSDO84	1/21/2016	No	No Flow							11/30/2016	No	No Flow						
5ESDO181	4/28/2016	No	No Flow							11/30/2016	No	No Flow						
8ISDO153	1/20/2016	No	No Flow							12/1/2016	No	No Flow						
6FSDO233	7/7/2016	No	No Flow							7/5/2016	No	No Flow						
23HMH81	2/1/2016	No	No Flow							11/30/2016	No	Standing Water						
13BSDO11	6/29/2016	No	No Flow							12/1/2016	No	Standing Water						
6DSDO184	1/21/2016	No	Standing Water							11/30/2016	No	Standing Water						
12HSDO1 (12HMH27)	6/29/2016	No	Standing Water							12/1/2016	No	Standing Water						
2FSDO93	4/7/2016	No	Standing Water							11/30/2016	No	Standing Water						

Jan 2017 Ranking	Scheduled Completion Date	Jan 2016 Ranking	Jan 2015 Ranking	Jan 2014 Ranking	Jan 2013 Ranking	Facility_ID
4	8/23/2019	4	4	2	4	03ESDO207
4	8/23/2019	4	4	4	4	05ESDO184
4	8/23/2019	4	4	3	4	21LCSO076
4	8/23/2019	4	4	3	4	05GSDO116A
4	8/23/2019	4	2	3	4	19GSDO194
4	8/23/2019	4	4	4	4	26JSDO052
4	8/23/2019	4	3	4	4	27LSDO020/27LSDO022
4	8/23/2019	4	3	4	3	24LCSO060
4	8/23/2019	4	4	4	4	21MCSO079
4	8/23/2019	4	4	4	4	13FSDO11
4	8/23/2019	4	4	4	7	23LCSO062
4	8/23/2019	4	4	4	4	26KSDO050
4	8/23/2019	4	4	4	4	26LCSO009
4	8/23/2019	4	3	4	4	11MSDO093
4	8/23/2019	4	4	4	4	22KCSO065
4	8/23/2019	4	NA	NA	NA	08FSDO1 - new 2015
4	8/23/2019	4	4	4	4	16LSDO122
4	8/23/2019	4	4	3	4	06GSDO111
4	8/23/2019	4	3	2	4	08ISDO154
4	8/23/2019	4	4	4	4	26JSDO101
4	8/23/2019	4	4	3	3	25MCSO006
4	8/23/2019	4	3	3	7	22KCSO068
4	8/23/2019	3	4	4	4	29NSDO015
4	8/23/2019	4	4	4	4	16LSDO097
4	8/23/2019	4	4	4	3	28KSDO386
4	8/23/2019	4	4	3	3	08ISDO207
4	8/23/2019	4	4	4	4	17MSDO33
4	8/23/2019	4	4	4	4	21MSDO010
4	8/23/2019	4	3	4	4	26KSDO35
4	8/23/2019	4	4	4	4	22KCSO072
4	8/23/2019	4	3	4	3	06GSDO166
4	8/23/2019	4	4	4	4	23LSDO202
4	8/23/2019	4	4	4	4	30JSDO6
4	8/23/2019	4	4	4	7	28LCSO019
4	8/23/2019	4	4	4	4	18LCSO086
4	8/23/2019	4	4	4	4	12HSDO92
4	8/23/2019	4	3	3	4	24CSDO174
4	8/23/2019	4	2	3	4	06DSDO57
4	8/23/2019	4	4	4	4	06DSDO91
4	8/23/2019	4	4	4	4	05ESDO180
4	8/23/2019	4	4	4	4	19MCSO083
4	8/23/2019	4	4	4	4	12BSDO14
4	8/23/2019	4	4	NA	NA	20GSDO164 - new 2014
4	8/23/2019	4	NA	NA	NA	13FSDO96 - new 2015
4	8/23/2019	4	NA	NA	NA	13FSDO97 - new 2015
4	8/23/2019	4	4	4	NA	28LSDO073
4	8/23/2019	4	4	4	NA	28LSDO077
5	Conditionally C	5	5	5	5	05FSDO254
5	Conditionally C	5	5	5	5	11BMH49 (DCR 11BSDO2
5	Conditionally C	5	5	5	NA	12BSDO10
5	Conditionally C	5	5	5	5	24GSDO034
5	Conditionally C	5	5	5	5	05FSDO244
5	Conditionally C	5	5	5	5	09ESDO243
5	Conditionally C	5	5	5	6	04FSDO16
5	Conditionally C	5	5	5	5	02FSDO85
5	Conditionally C	5	5	5	6	23LSDO195
5	Conditionally C	5	5	5	5	07HSDO347
5	Conditionally C	5	5	5	5	02ESDO5
5	Conditionally C	5	5	5	5	02FMH120 (DCR 2FSDO9
5	Conditionally C	5	5	5	6	03ESDO186
5	Conditionally C	5	5	5	5	08ISDO156
5	Conditionally C	5	5	5	5	20GSDO163
5	Conditionally C	5	5	5	5	04FSDO189
5	Conditionally C	5	5	5	5	02FSDO120
5	Conditionally C	5	5	5	5	08BSDO126
5	Conditionally C	5	5	5	5	08JSDO50
5	Conditionally C	5	5	5	5	06DSDO84
5	Conditionally C	5	5	5	5	05ESDO181
5	Conditionally C	5	5	5	5	08ISDO153
5	Conditionally C	5	5	5	5	06FSDO233
5	Conditionally C	5	5	5	5	23HMH81
5	Conditionally C	5	5	5	5	13BSDO11
5	Conditionally C	5	5	5	5	06DSDO184
5	Conditionally C	5	5	5	5	12HSDO1 (12HMH27)
5	Conditionally C	5	5	5	6	02FSDO93

[1]Locations for 2014 wet weather screening were determined based on 2013 dry weather screening data
[2]Locations for 2015 wet weather screening were determined based on 2014 dry weather screening data
[3]Locations for 2016 wet weather screening were determined based on 2015 dry weather screening data

Table 2-7. Sub-Catchment Area Investigation Status by Manhole

Work done in reporting period

Work done during CWI1, CWI2, CWI3 and/or CWI4 (since November 2004)

No work done during CWI1, CWI2, CWI3 or CWI4 (since November 2004)

Sub-Catchment Area[1]	Area Type	Total # Storm Drain + Common Manholes	Total # Storm Drain + Common Manhole Inspections Performed To Date[2] [3]	Total # Storm Drain +Common Manholes Investigated/Completed To Date[4]	Percent Investigated/Complete by Manhole To Date[5]
06D187	SDO	81	105	81	100%
6DMH97	Interconnection (I	189	47	189	100%
06G108	SDO	189	157	189	100%
06G111	SDO	17	14	17	100%
06G166	SDO	14	12	3	21%
07C006	SDO	494	316	486	98%
07H105	SDO	486	213	486	100%
07H285	SDO	344	250	344	100%
08B122	SDO	61	46	45	74%
08J103	SDO	32	32	32	100%
10L094	SDO	849	465	849	100%
11B123	SDO	131	76	100	76%
11I577	SDO	1,354	739	1,354	100%
12B124	SDO	497	288	497	100%
13D077/078	SDO	169	144	169	100%
13E174	SDO	73	50	73	100%
13L090 (B)	SDO	982	371	982	100%
16L122	SDO	253	92	115	45%
17M033	SDO	145	0	0	0%
19G043	SDO	80	76	80	100%
20G161	SDO	62	40	62	100%
21DMH319	Interconnection (I	66	93	66	100%
21H047	SDO	144	78	55	38%
21K069	SDO	98	33	98	100%
23BMH89	Interconnection (I	11	12	11	100%
23H042	SDO	311	28	28	9%
24D032	SDO	1,036	604	1,000	97%
24G035	SDO	338	180	338	100%
25D040	SDO	27	13	26	96%
25E037	SDO	423	251	379	90%
26G001	SDO	189	62	158	84%
28N207 (B)	SDO	82	73	82	100%
29O001 (B)	SDO	282	360	282	100%
Stony Brook-Lower (21HCSO04	CSO	521	3	0	0%
Stony Brook-Middle (-SB areas	CSO	1,848	56	105	6%
Stony Brook-Upper	SDO	3,158	110	3,158	100%
01E024	SDO	12	6	12	100%
01F031	SDO	30	5	30	100%
02E086 (aka 02E005)	SDO	9	6	9	100%
02F085	SDO	4	2	4	100%
02F093	SDO	6	6	6	100%
02F120	SDO	39	22	39	100%
2FMH120 (DCR 2FSDO99)	Interconnection (I	11	2	11	100%
03E185	SDO	61	36	58	95%
03E186	SDO	13	5	13	100%

Table 2-7. Sub-Catchment Area Investigation Status by Manhole

Work done in reporting period

Work done during CWI1, CWI2, CWI3 and/or CWI4 (since November 2004)

No work done during CWI1, CWI2, CWI3 or CWI4 (since November 2004)

Sub-Catchment Area[1]	Area Type	Total # Storm Drain + Common Manholes	Total # Storm Drain + Common Manhole Inspections Performed To Date[2] [3]	Total # Storm Drain +Common Manholes Investigated/Completed To Date[4]	Percent Investigated/Complete by Manhole To Date[5]
3FMH56 (DCR 3FSDO159)	Interconnection (I	27	17	25	93%
04E064	SDO	3	3	3	100%
04E069	SDO	41	18	41	100%
04F016	SDO	17	4	17	100%
04F118	SDO	9	5	9	100%
04F119	SDO	15	2	15	100%
04F189	SDO	31	12	31	100%
4FMH90 (DCR 3FSDO162)	Interconnection (I	20	20	20	100%
04F204	SDO	74	142	74	100%
05E182	SDO	13	7	13	100%
05E183*	SDO	0	0	0	100%
05E184 (aka 05E120)	SDO	79	28	74	94%
05F117	SDO	52	34	52	100%
05F244	SDO	25	5	25	100%
05F245	SDO	28	7	27	96%
05F253	SDO	43	14	43	100%
05G112	SDO	27	27	27	100%
05G115	SDO	17	4	17	100%
05G116	SDO	25	6	25	100%
05G116A	SDO	61	15	45	74%
06C110 (aka 05C110)	SDO	55	11	55	100%
06D085	SDO	2	4	2	100%
06G109	SDO	31	19	31	100%
06G110	SDO	46	32	46	100%
06G165	SDO	6	9	6	100%
06H106	SDO	15	5	15	100%
06H107	SDO	17	16	15	88%
07H346	SDO	5	2	5	100%
07H347	SDO	5	1	5	100%
07H348	SDO	10	4	8	80%
08B126	SDO	22	7	22	100%
08E031	SDO	65	30	65	100%
08I153	SDO	4	3	4	100%
08I154	SDO	38	15	21	55%
08I155	SDO	3	1	3	100%
08I156	SDO	42	32	42	100%
08I158	SDO	16	2	16	100%
08I207	SDO	10	10	10	100%
08I209	SDO	6	5	6	100%
08J036/041	SDO	13	10	13	100%
08J050/049	SDO	77	30	77	100%
08J102	SDO	26	4	26	100%
08K049	SDO	3	1	3	100%
09E229	SDO	2	2	2	100%
09K016	SDO	16	4	16	100%

Table 2-7. Sub-Catchment Area Investigation Status by Manhole

Work done in reporting period

Work done during CWI1, CWI2, CWI3 and/or CWI4 (since November 2004)

No work done during CWI1, CWI2, CWI3 or CWI4 (since November 2004)

Sub-Catchment Area[1]	Area Type	Total # Storm Drain + Common Manholes	Total # Storm Drain + Common Manhole Inspections Performed To Date[2] [3]	Total # Storm Drain +Common Manholes Investigated/Completed To Date[4]	Percent Investigated/Complete by Manhole To Date[5]
09K100	SDO	25	10	25	100%
09K101	SDO	33	14	33	100%
09L095	SDO	29	13	23	79%
10B015	SDO	52	6	19	37%
10L096	SDO	22	8	20	91%
11M093	SDO	76	15	45	61%
12F305	SDO	13	4	13	100%
12L092 (B)	SDO	163	33	163	100%
12LMH304 (DCR 13LSDO137) (	Interconnection (I	12	7	12	100%
12LMH374 (DCR 12LSDO296) (	Interconnection (I	38	17	38	100%
12M091	SDO	10	4	6	60%
13E175	SDO	22	6	22	100%
13E176	SDO	5	8	5	100%
13F011 (aka 13F185)	SDO	48	21	46	96%
13F012 (aka 13F093)	SDO	9	1	6	67%
14C009	SDO	4	7	4	100%
14EMH36	Interconnection (I	6	1	6	100%
15F288	SDO	199	60	171	86%
15L088 (B)	SDO	465	176	465	100%
15L089 (B)	SDO	73	20	73	100%
18G233	SDO	87	100	87	100%
19G194	SDO	58	26	36	62%
19G199	SDO	1	1	0	0%
20DMH62	Interconnection (I	15	11	15	100%
20DNP140 (20DMH55)	Interconnection (I	55	67	55	100%
21C212	SDO	15	6	15	100%
21EMH64	Interconnection (I	83	51	83	100%
21EMH86	Interconnection (I	17	18	17	100%
21M050	SDO	28	7	28	100%
22C384	SDO	13	0	13	100%
22L580	SDO	44	16	44	100%
23G132	SDO	67	23	67	100%
23L074	SDO	5	0	5	100%
23L164	SDO	37	12	23	62%
23L195	SDO	21	0	21	100%
24C174	SDO	54	8	54	100%
24CMH014 (24CSDO039)	SDO	16	18	16	100%
24D150	SDO	6	0	6	100%
24G034	SDO	73	3	73	100%
25G041	SDO	19	3	19	100%
25M007	SDO	25	7	25	100%
26F038	SDO	34	3	34	100%
26K099	SDO	206	53	206	100%
27J001	SDO	140	24	137	98%
27J096	SDO	191	0	191	100%

Table 2-7. Sub-Catchment Area Investigation Status by Manhole

Work done in reporting period

Work done during CWI1, CWI2, CWI3 and/or CWI4 (since November 2004)

No work done during CWI1, CWI2, CWI3 or CWI4 (since November 2004)

Sub-Catchment Area[1]	Area Type	Total # Storm Drain + Common Manholes	Total # Storm Drain + Common Manhole Inspections Performed To Date[2] [3]	Total # Storm Drain +Common Manholes Investigated/Completed To Date[4]	Percent Investigated/Complete by Manhole To Date[5]
27L020/22	SDO	91	29	73	80%
28K010	SDO	26	11	3	12%
28K061	SDO	98	41	98	100%
28K386	SDO	5	0	5	100%
28L074/076	SDO	91	15	69	76%
28N156 (B)	SDO	3	6	3	100%
28O025 (B)	SDO	22	28	22	100%
28P001 (B)	SDO	9	10	9	100%
29J212	SDO	166	38	166	100%
29M049	SDO	22	1	21	95%
29N135	SDO	9	2	9	100%
29P044 (B)	SDO	11	21	11	100%
30J019	SDO	10	1	10	100%
30J030	SDO	23	5	23	100%
30P062	SDO	11	6	11	100%
30P107	SDO	11	4	11	100%
31O004	SDO	32	8	32	100%
31P084	SDO	17	4	17	100%
03E207*	SDO	0	0	0	100%
04F001*	SDO	0	0	0	100%
04F203	SDO	1	0	0	0%
05E180*	SDO	0	0	0	100%
05E181*	SDO	0	0	0	100%
05F254	SDO	1	0	1	100%
6CMH117	Interconnection (	9	0	0	0%
06D057	SDO	11	0	0	0%
06D083	SDO	1	0	1	100%
06D084	SDO	4	0	4	100%
06D086*	SDO	0	0	0	100%
06D091*	SDO	0	0	0	100%
06D184	SDO	2	0	2	100%
06F233*	SDO	0	0	0	100%
08C025/026	SDO	22	0	0	0%
08E035	SDO	3	0	0	0%
09B049	SDO	1	0	0	0%
09E243	SDO	35	0	35	100%
11BMH49 (DCR 11BSDO28)	Interconnection (	12	0	12	100%
11G344	SDO	63	0	0	0%
12B010*	SDO	0	0	0	100%
12B014	SDO	4	0	0	0%
12B033	SDO	3	0	0	0%
12F418 (aka 12E418)	SDO	20	0	0	0%
12H085	SDO	17	0	0	0%
12H087	SDO	38	0	38	100%
12H092	SDO	80	0	0	0%

Table 2-7. Sub-Catchment Area Investigation Status by Manhole

Work done in reporting period

Work done during CWI1, CWI2, CWI3 and/or CWI4 (since November 2004)

No work done during CWI1, CWI2, CWI3 or CWI4 (since November 2004)

Sub-Catchment Area[1]	Area Type	Total # Storm Drain + Common Manholes	Total # Storm Drain + Common Manhole Inspections Performed To Date[2] [3]	Total # Storm Drain +Common Manholes Investigated/Completed To Date[4]	Percent Investigated/Complete by Manhole To Date[5]
13B011	SDO	4	0	4	100%
13F095	SDO	2	0	0	0%
13F096	SDO	2	0	2	100%
13F097*	SDO	0	0	0	100%
16L097	SDO	23	0	0	0%
17F012	SDO	5	0	0	0%
18LCSO086DR	CSO	14	0	0	0%
19LCSO084DR	CSO	13	0	0	0%
19LCSO085DR	CSO	47	0	0	0%
19MCSO082DR	CSO	8	0	0	0%
19MCSO083DR	CSO	4	0	0	0%
19NCSO081DR	CSO	10	0	0	0%
20DMH19	Interconnection (	106	0	0	0%
20G163	SDO	13	0	13	100%
20G164*	SDO	0	0	0	100%
21H048	SDO	3	0	0	0%
21KCSO070DR	CSO	369	0	0	0%
21LCSO076DR	CSO	2	0	0	0%
21M010	SDO	17	0	0	0%
21MCSO078DR	CSO	0	0	0	100%
21MCSO079DR	CSO	0	0	0	100%
21NCSO080DR	CSO	10	0	0	0%
22KCSO065DR	CSO	78	0	0	0%
22KCSO068DR	CSO	28	0	0	0%
22KCSO072DR	CSO	11	0	0	0%
22LCSO073DR	CSO	44	0	0	0%
23H040	SDO	23	0	0	0%
23HMH81 (DCR 23ISDO019)	Interconnection (	4	0	4	100%
23L015	SDO	30	0	0	0%
23L075	SDO	61	0	0	0%
23L196	SDO	15	0	0	0%
23L202	SDO	25	0	0	0%
23LCSO062DR	CSO	4	0	0	0%
23LCSO064DR	CSO	9	0	9	100%
24L022 (aka 23LSDO022)	SDO	13	0	13	100%
24L233	SDO	57	0	0	0%
24LCSO060DR	CSO	58	0	0	0%
24NCSO003DR	CSO	740	0	0	0%
25L058	SDO	157	0	0	0%
25L144	SDO	5	0	0	0%
25LCSO057	CSO	14	0	0	0%
25M006	SDO	19	0	0	0%
25MCSO005DR	CSO	0	0	0	100%
25NCSO004DR	CSO	23	0	23	100%
26J049	SDO	157	0	0	0%

Table 2-7. Sub-Catchment Area Investigation Status by Manhole

Work done in reporting period

Work done during CWI1, CWI2, CWI3 and/or CWI4 (since November 2004)

No work done during CWI1, CWI2, CWI3 or CWI4 (since November 2004)

Sub-Catchment Area[1]	Area Type	Total # Storm Drain + Common Manholes	Total # Storm Drain + Common Manhole Inspections Performed To Date[2] [3]	Total # Storm Drain +Common Manholes Investigated/Completed To Date[4]	Percent Investigated/Complete by Manhole To Date[5]
26J052	SDO	2	0	0	0%
26J055 (aka 26JSDO101)	SDO	20	0	0	0%
26K035	SDO	48	0	0	0%
26K050	SDO	23	0	0	0%
26K052	SDO	1	0	0	0%
26K254	SDO	7	0	0	0%
26L055 (aka 26LSDO106)	SDO	4	0	0	0%
26L070	SDO	6	0	0	0%
26L084	SDO	6	0	0	0%
26LCSO009	CSO	24	0	0	0%
27J044	SDO	6	0	0	0%
27LCSO010	CSO	15	0	0	0%
28IMH15	Interconnection (	8	0	0	0%
28L073	SDO	1	0	0	0%
28L077*	SDO	0	0	0	100%
28LCSO012DR	CSO	16	0	16	100%
28LCSO019	CSO	12	0	0	0%
29J029*	SDO	0	0	0	100%
29J129	SDO	6	0	0	0%
29JCSO017	CSO	12	0	0	0%
29MCSO013DR	CSO	12	0	0	0%
29N015	SDO	11	0	0	0%
29NCSO014DR	CSO	1	0	0	0%
29P005	SDO	3	0	3	100%
30J006	SDO	20	0	0	0%

[1](B) indicates a highest priority beach area; * indicates that there are no storm drain or common manholes located in the sub-catchment area.

[2]Total number of manholes inspections performed includes all inspection records for manholes. Some manholes may have been inspected

[3]To Date includes data from 3/16/2009 through the end of 2016.

[4]Total number of manholes investigated/completed is based on a manual review process which analyzes the number of manholes that fall within areas designated as complete, therefore it includes manholes that are inferred to be void of contamination based on downstream manhole inspections and/or dye tests.

[5]The % complete estimate to date is calculated as the total number of storm drain and common manholes investigated/completed to date divided by the total number of storm drain and common manholes within each drainage area.

Table 2-8. Sub-Catchment Area Investigation Status by Pipes

Work done in reporting period

Work done during CWI1, CWI2, CWI3 and/or CWI4 (since November 2004)

No work done during CWI1, CWI2, CWI3 or CWI4 (since November 2004)

Sub-Catchment Area[1]	Area Type	Total Linear Feet of Storm Drain Pipe	Total Linear Feet of Storm Drain Pipe Inspections Performed To Date[2] [3]	Total Linear Feet of Storm Drain Pipe Investigated/Completed To Date[4]	Percent Investigated/Complete by Storm Drain Pipe To Date[5]
06D187	SDO	11,280	9,196	11,280	100%
6DMH97	Interconnection (	29,408	10,113	29,408	100%
06G108	SDO	30,068	11,592	30,068	100%
06G111	SDO	4,292	3,526	4,292	100%
06G166	SDO	2,201	1,444	924	42%
07C006	SDO	81,391	14,349	78,645	97%
07H105	SDO	73,303	11,023	73,303	100%
07H285	SDO	61,113	22,142	61,113	100%
08B122	SDO	11,538	5,944	7,608	66%
08J103	SDO	6,382	6,799	6,382	100%
10L094	SDO	127,791	34,703	127,791	100%
11B123	SDO	20,303	15,249	16,390	81%
11I577	SDO	238,332	106,970	238,332	100%
12B124	SDO	80,035	20,435	80,035	100%
13D077/078	SDO	27,404	22,180	27,404	100%
13E174	SDO	11,097	6,610	11,097	100%
13L090 (B)	SDO	154,004	62,868	154,004	100%
16L122	SDO	40,954	13,476	13,341	33%
17M033	SDO	15,103	0	0	0%
19G043	SDO	11,554	5,613	11,554	100%
20G161	SDO	7,913	2,977	7,913	100%
21DMH319	Interconnection (	9,847	9,505	9,847	100%
21H047	SDO	18,874	8,169	5,219	28%
21K069	SDO	14,839	5,296	14,839	100%
23BMH89	Interconnection (	1,807	2,279	1,807	100%
23H042	SDO	49,569	3,558	2,866	6%
24D032	SDO	160,327	57,213	151,319	94%
24G035	SDO	56,096	17,867	56,096	100%
25D040	SDO	5,390	1,985	4,994	93%
25E037	SDO	64,905	13,765	58,185	90%
26G001	SDO	36,032	11,762	30,731	85%
28N207 (B)	SDO	11,631	13,028	11,631	100%
29O001 (B)	SDO	47,076	35,885	47,076	100%
Stony Brook-Lower (21HCSO04	CSO	72,563	0	0	0%
Stony Brook-Middle (-SB areas	CSO	270,540	7,010	16,536	6%
Stony Brook-Upper	SDO	515,564	12,298	515,564	100%
01E024	SDO	2,155	1,143	2,155	100%
01F031	SDO	5,710	2,209	5,710	100%
02E086 (aka 02E005)	SDO	2,334	1,085	2,334	100%
02F085	SDO	682	418	682	100%
02F093	SDO	991	971	991	100%
02F120	SDO	7,389	0	7,389	100%
2FMH120 (DCR 2FSDO99)	Interconnection (	2,748	0	2,748	100%
03E185	SDO	10,917	7,148	8,874	81%
03E186	SDO	2,051	948	2,051	100%

Table 2-8. Sub-Catchment Area Investigation Status by Pipes

Work done in reporting period

Work done during CWI1, CWI2, CWI3 and/or CWI4 (since November 2004)

No work done during CWI1, CWI2, CWI3 or CWI4 (since November 2004)

Sub-Catchment Area[1]	Area Type	Total Linear Feet of Storm Drain Pipe	Total Linear Feet of Storm Drain Pipe Inspections Performed To Date[2] [3]	Total Linear Feet of Storm Drain Pipe Investigated/Completed To Date[4]	Percent Investigated/Complete by Storm Drain Pipe To Date[5]
3FMH56 (DCR 3FSDO159)	Interconnection (I	4,749	3,674	3,983	84%
04E064	SDO	253	159	253	100%
04E069	SDO	8,768	6,447	8,768	100%
04F016	SDO	2,134	272	2,134	100%
04F118	SDO	1,294	655	1,294	100%
04F119	SDO	2,569	0	2,569	100%
04F189	SDO	4,938	1,893	4,938	100%
4FMH90 (DCR 3FSDO162)	Interconnection (I	4,638	4,749	4,638	100%
04F204	SDO	14,428	18,053	14,428	100%
05E182	SDO	2,445	1,143	2,445	100%
05E183*	SDO	58	0	58	100%
05E184 (aka 05E120)	SDO	11,125	3,596	9,875	89%
05F117	SDO	7,703	911	7,703	100%
05F244	SDO	3,043	471	3,043	100%
05F245	SDO	4,165	1,306	3,851	92%
05F253	SDO	6,757	3,334	6,757	100%
05G112	SDO	3,671	3,357	3,671	100%
05G115	SDO	1,853	601	1,853	100%
05G116	SDO	3,623	1,233	3,623	100%
05G116A	SDO	11,161	2,426	8,512	76%
06C110 (aka 05C110)	SDO	9,579	2,445	9,579	100%
06D085	SDO	236	121	236	100%
06G109	SDO	4,716	3,035	4,716	100%
06G110	SDO	6,695	4,604	6,695	100%
06G165	SDO	807	1,460	807	100%
06H106	SDO	2,278	985	2,278	100%
06H107	SDO	2,453	2,234	2,004	82%
07H346	SDO	705	527	705	100%
07H347	SDO	519	279	519	100%
07H348	SDO	743	470	406	55%
08B126	SDO	3,474	1,542	3,474	100%
08E031	SDO	10,096	3,675	10,096	100%
08I153	SDO	425	228	425	100%
08I154	SDO	5,740	2,443	2,878	50%
08I155	SDO	399	101	399	100%
08I156	SDO	5,764	3,508	5,764	100%
08I158	SDO	1,963	476	1,963	100%
08I207	SDO	1,400	1,210	1,400	100%
08I209	SDO	820	906	820	100%
08J036/041	SDO	2,439	1,643	2,439	100%
08J050/049	SDO	12,006	5,567	12,006	100%
08J102	SDO	3,447	898	3,447	100%
08K049	SDO	513	258	513	100%
09E229	SDO	322	80	322	100%
09K016	SDO	2,062	555	2,062	100%

Table 2-8. Sub-Catchment Area Investigation Status by Pipes

Work done in reporting period

Work done during CWI1, CWI2, CWI3 and/or CWI4 (since November 2004)

No work done during CWI1, CWI2, CWI3 or CWI4 (since November 2004)

Sub-Catchment Area[1]	Area Type	Total Linear Feet of Storm Drain Pipe	Total Linear Feet of Storm Drain Pipe Inspections Performed To Date[2] [3]	Total Linear Feet of Storm Drain Pipe Investigated/Completed To Date[4]	Percent Investigated/Complete by Storm Drain Pipe To Date[5]
09K100	SDO	4,330	2,025	4,330	100%
09K101	SDO	5,245	2,010	5,245	100%
09L095	SDO	4,789	2,498	3,678	77%
10B015	SDO	7,046	1,804	2,410	34%
10L096	SDO	2,893	1,059	2,606	90%
11M093	SDO	9,956	3,354	4,830	49%
12F305	SDO	2,175	674	2,175	100%
12L092 (B)	SDO	25,084	5,828	25,084	100%
12LMH304 (DCR 13LSDO137) (	Interconnection (I	1,617	358	1,617	100%
12LMH374 (DCR 12LSDO296) (	Interconnection (I	4,151	2,358	4,151	100%
12M091	SDO	1,238	273	547	44%
13E175	SDO	4,331	986	4,331	100%
13E176	SDO	863	714	863	100%
13F011 (aka 13F185)	SDO	6,716	2,043	6,265	93%
13F012 (aka 13F093)	SDO	1,828	0	767	42%
14C009	SDO	822	798	822	100%
14EMH36	Interconnection (I	991	131	991	100%
15F288	SDO	29,831	6,448	24,913	83%
15L088 (B)	SDO	79,592	32,331	79,592	100%
15L089 (B)	SDO	13,671	2,555	13,671	100%
18G233	SDO	12,689	12,880	12,689	100%
19G194	SDO	9,005	2,597	4,853	54%
19G199	SDO	230	0	0	0%
20DMH62	Interconnection (I	1,542	1,002	1,542	100%
20DNP140 (20DMH55)	Interconnection (I	8,686	5,240	8,686	100%
21C212	SDO	2,494	712	2,494	100%
21EMH64	Interconnection (I	11,041	2,294	11,041	100%
21EMH86	Interconnection (I	3,263	377	3,263	100%
21M050	SDO	4,070	1,177	4,070	100%
22C384	SDO	2,193	0	2,193	100%
22L580	SDO	5,861	2,527	5,861	100%
23G132	SDO	9,997	2,254	9,997	100%
23L074	SDO	624	0	624	100%
23L164	SDO	3,305	1,053	1,773	54%
23L195	SDO	2,899	0	2,899	100%
24C174	SDO	12,066	925	12,066	100%
24CMH014 (24CSDO039)	SDO	2,236	1,214	2,236	100%
24D150	SDO	872	0	872	100%
24G034	SDO	13,437	873	13,437	100%
25G041	SDO	2,794	639	2,794	100%
25M007	SDO	3,629	1,883	3,629	100%
26F038	SDO	7,803	0	7,803	100%
26K099	SDO	23,733	8,446	23,733	100%
27J001	SDO	18,240	3,578	17,011	93%
27J096	SDO	15,671	0	15,671	100%

Table 2-8. Sub-Catchment Area Investigation Status by Pipes

Work done in reporting period

Work done during CWI1, CWI2, CWI3 and/or CWI4 (since November 2004)

No work done during CWI1, CWI2, CWI3 or CWI4 (since November 2004)

Sub-Catchment Area[1]	Area Type	Total Linear Feet of Storm Drain Pipe	Total Linear Feet of Storm Drain Pipe Inspections Performed To Date[2] [3]	Total Linear Feet of Storm Drain Pipe Investigated/Completed To Date[4]	Percent Investigated/Complete by Storm Drain Pipe To Date[5]
27L020/22	SDO	12,358	4,784	8,834	71%
28K010	SDO	4,212	2,102	574	14%
28K061	SDO	14,489	8,343	14,489	100%
28K386	SDO	997	0	997	100%
28L074/076	SDO	13,517	2,586	8,709	64%
28N156 (B)	SDO	376	1,040	376	100%
28O025 (B)	SDO	2,428	3,203	2,428	100%
28P001 (B)	SDO	1,826	998	1,826	100%
29J212	SDO	23,313	7,461	23,313	100%
29M049	SDO	4,237	215	3,776	89%
29N135	SDO	1,460	0	1,460	100%
29P044 (B)	SDO	2,508	3,454	2,508	100%
30J019	SDO	1,084	0	1,084	100%
30J030	SDO	3,145	1,549	3,145	100%
30P062	SDO	1,841	1,056	1,841	100%
30P107	SDO	2,018	652	2,018	100%
31O004	SDO	4,791	1,819	4,791	100%
31P084	SDO	2,974	723	2,974	100%
03E207*	SDO	0	0	0	100%
04F001*	SDO	0	0	0	100%
04F203	SDO	78	0	0	0%
05E180*	SDO	99	0	0	0%
05E181*	SDO	52	0	52	100%
05F254	SDO	210	0	210	100%
6CMH117	Interconnection (	720	0	0	0%
06D057	SDO	2,418	0	0	0%
06D083	SDO	200	0	200	100%
06D084	SDO	694	0	694	100%
06D086*	SDO	64	0	64	100%
06D091*	SDO	63	0	0	0%
06D184	SDO	149	0	149	100%
06F233*	SDO	49	0	49	100%
08C025/026	SDO	3,152	0	0	0%
08E035	SDO	899	0	0	0%
09B049	SDO	135	0	0	0%
09E243	SDO	6,318	0	6,318	100%
11BMH49 (DCR 11BSDO28)	Interconnection (	2,130	0	2,130	100%
11G344	SDO	9,122	0	0	0%
12B010*	SDO	16	0	16	100%
12B014	SDO	717	0	0	0%
12B033	SDO	729	0	0	0%
12F418 (aka 12E418)	SDO	3,052	0	0	0%
12H085	SDO	2,963	0	0	0%
12H087	SDO	6,747	0	6,747	100%
12H092	SDO	21,371	0	0	0%

Table 2-8. Sub-Catchment Area Investigation Status by Pipes

Work done in reporting period

Work done during CWI1, CWI2, CWI3 and/or CWI4 (since November 2004)

No work done during CWI1, CWI2, CWI3 or CWI4 (since November 2004)

Sub-Catchment Area[1]	Area Type	Total Linear Feet of Storm Drain Pipe	Total Linear Feet of Storm Drain Pipe Inspections Performed To Date[2] [3]	Total Linear Feet of Storm Drain Pipe Investigated/Completed To Date[4]	Percent Investigated/Complete by Storm Drain Pipe To Date[5]
13B011	SDO	772	0	772	100%
13F095	SDO	205	0	0	0%
13F096	SDO	117	0	117	100%
13F097*	SDO	0	0	0	100%
16L097	SDO	2,973	0	0	0%
17F012	SDO	1,157	0	0	0%
18LCSO086DR	CSO	2,143	0	0	0%
19LCSO084DR	CSO	1,766	0	0	0%
19LCSO085DR	CSO	5,550	0	0	0%
19MCSO082DR	CSO	1,283	0	0	0%
19MCSO083DR	CSO	535	0	0	0%
19NCSO081DR	CSO	2,039	0	0	0%
20DMH19	Interconnection (	18,600	0	0	0%
20G163	SDO	1,433	0	1,433	100%
20G164*	SDO	73	0	73	100%
21H048	SDO	968	0	0	0%
21KCSO070DR	CSO	50,657	0	0	0%
21LCSO076DR	CSO	818	0	0	0%
21M010	SDO	3,801	0	0	0%
21MCSO078DR	CSO	0	0	0	100%
21MCSO079DR	CSO	0	0	0	100%
21NCSO080DR	CSO	552	0	0	0%
22KCSO065DR	CSO	8,188	0	0	0%
22KCSO068DR	CSO	2,996	0	0	0%
22KCSO072DR	CSO	549	0	0	0%
22LCSO073DR	CSO	7,859	0	0	0%
23H040	SDO	3,379	0	0	0%
23HMH81 (DCR 23ISDO019)	Interconnection (	439	0	439	100%
23L015	SDO	3,977	0	0	0%
23L075	SDO	8,734	0	0	0%
23L196	SDO	1,397	0	0	0%
23L202	SDO	2,434	0	0	0%
23LCSO062DR	CSO	82	0	0	0%
23LCSO064DR	CSO	1,227	0	1,227	100%
24L022 (aka 23LSDO022)	SDO	2,096	0	2,096	100%
24L233	SDO	5,373	0	0	0%
24LCSO060DR	CSO	5,099	0	0	0%
24NCSO003DR	CSO	92,876	0	0	0%
25L058	SDO	15,960	0	0	0%
25L144	SDO	619	0	0	0%
25LCSO057	CSO	1,219	0	0	0%
25M006	SDO	2,198	0	0	0%
25MCSO005DR	CSO	0	0	0	100%
25NCSO004DR	CSO	3,838	0	3,838	100%
26J049	SDO	20,940	0	0	0%

Table 2-8. Sub-Catchment Area Investigation Status by Pipes

Work done in reporting period

Work done during CWI1, CWI2, CWI3 and/or CWI4 (since November 2004)

No work done during CWI1, CWI2, CWI3 or CWI4 (since November 2004)

Sub-Catchment Area[1]	Area Type	Total Linear Feet of Storm Drain Pipe	Total Linear Feet of Storm Drain Pipe Inspections Performed To Date[2] [3]	Total Linear Feet of Storm Drain Pipe Investigated/Completed To Date[4]	Percent Investigated/Complete by Storm Drain Pipe To Date[5]
26J052	SDO	559	0	0	0%
26J055 (aka 26JSDO101)	SDO	2,094	0	0	0%
26K035	SDO	4,792	0	0	0%
26K050	SDO	2,336	0	0	0%
26K052	SDO	303	0	0	0%
26K254	SDO	1,096	0	0	0%
26L055 (aka 26LSDO106)	SDO	451	0	0	0%
26L070	SDO	670	0	0	0%
26L084	SDO	616	0	0	0%
26LCSO009	CSO	2,476	0	0	0%
27J044	SDO	3,425	0	0	0%
27LCSO010	CSO	2,935	0	0	0%
28IMH15	Interconnection ($	1,207	0	0	0%
28L073	SDO	242	0	0	0%
28L077*	SDO	602	0	0	0%
28LCSO012DR	CSO	3,279	0	3,279	100%
28LCSO019	CSO	1,367	0	0	0%
29J029*	SDO	553	0	553	100%
29J129	SDO	1,478	0	0	0%
29JCSO017	CSO	611	0	0	0%
29MCSO013DR	CSO	1,541	0	0	0%
29N015	SDO	1,297	0	0	0%
29NCSO014DR	CSO	371	0	0	0%
29P005	SDO	211	0	211	100%
30J006	SDO	2,148	0	0	0%

[1](B) indicates a highest priority beach area; * indicates that there are no storm drain or common manholes located in the sub-catchment area.

[2]Total linear feet of pipe inspections performed includes all inspection records for pipes. Some pipes may have been inspected more than once.

[3]To Date includes data from 3/16/2009 through the end of 2016.

[4]Total linear feet of pipe investigated/completed is based on a manual review process which analyzes the number of manholes that fall within areas designated as complete, therefore it includes manholes that are inferred to be void of contamination based on downstream manhole inspections and/or dye tests. If a pipe segment falls partially within an area designated as complete and partially within and area designated as incomplete, the entire length of pipe is considered to be incomplete

[5]The % complete estimate to date is calculated as the total linear feet of storm drain pipe investigated/completed to date divided by the total linear feet of storm drain pipe within each drainage area.

Table 2-9. Direct Illicit Connections 2016

Status	Bldg Number	Address	Neighborhood	Bldg Type	Sub-Catchment Area	Subwatershed	Date Verified	Date Corrected	Days to Correct	Sewage Removed (Average Gallons Per Day)	BWSC Cost (to Correct Direct Connection Only)
Was Both Internal Connections and Leaking Lateral- Internal Connection and Lateral were Corrected by Owner	59	Buchanan Road	West Roxbury	R-1	13E174 VFW	Charles via Bussey Brook	3/7/2016	03/29/16	22	50	
Was Both Direct Illicit Connection to Main and Leaking Lateral- Direct Connection was Corrected under BWSC Contract; Lateral	39	Burrwood Road	West Roxbury	R-1	13E174 VFW	Charles via Bussey Brook	3/4/2016	04/16/16	43	72	$8,946.00
Was Both Direct Illicit Connection to Main and Leaking Lateral- Direct Connection was Corrected under BWSC Contract; Lateral	7	Corey Terrace	West Roxbury	R-1	23I023 West Roxbury	Charles via Stony Brook Conduit	07/03/2014	10/31/16	851	171	$15,098.00
Was Both Internal Connections and Leaking Lateral- Internal Connection and Lateral were Corrected by Owner	21	Ocean Street	Dorchester	R-2	10L094 Davenport	Neponset River	12/11/2015	11/16/16	341	21	
Was Both Internal Connections and Leaking Lateral- Internal Connection and Lateral were Corrected by Owner	33	Valley Road	Dorchester	R-1	10L094 Davenport	Neponset River	11/23/2015	02/03/16	72	6	
Was Both Internal Connections and Leaking Lateral- Internal Connection and Lateral were Corrected by Owner	1234	Washington Street	South End	Ind	21K069 West Fourth	Boston Harbor	03/29/2016	08/05/16	129	113	
Was Both Internal Connections and Leaking Lateral- Internal Connection and Lateral were Corrected by Owner	68	Westmore Road	Mattapan	R-2	07H105 Edgewater	Neponset River	09/12/2016	11/17/16	66	22	
Internal Illicit Connection and Leaking Lateral - Owner has been Notified	70	Colorado Street	Mattapan	R-1	07H105 Edgewater	Neponset River	08/15/2016				
Internal Illicit Connection and Leaking Lateral - Owner has been Notified	911	Washington Street	Dorchester	R-1	10L094 Davenport	Neponset River	08/25/2016				
Internal Illicit Connection and Leaking Lateral - Owner has been Notified	74-76	Westmore Road	Mattapan	R-2	07H105 Edgewater	Neponset River	09/12/2016				
Corrected BWSC Contract	11	Calvin Road	Jamaica Plain	R-1	23I023 Arboretum	Charles River	02/11/2016	03/24/16	42	143	$11,673.00
Corrected BWSC Contract	54	Colorado Street	Mattapan	R-1	07H105 Edgewater	Neponset River	02/02/2016	03/01/16	28	280	$12,918.00
Corrected by Owner	1476	Commonwealth Ave.	Brighton	Condos	24G035 Salt Creek	Charles River	04/28/2016	12/13/16	229	52	
Corrected by Owner	23	Courtney Road	West Roxbury	R-1	13D077/078	Charles via Bussey Brook	12/04/2015	03/04/16	91	17	
Corrected BWSC Contract	103	Devon Street	Roxbury	R-2	21K070 CSO	Boston Harbor	07/11/2016	08/15/16	35	477	$8,968.00
Corrected by Owner	8	Dry Dock Avenue	South Boston	Comm	21M008 Private	Boston Harbor	12/04/2015	01/25/16	52	0	
Corrected BWSC Contract	22	Edison Green	Dorchester	R-2	16L122	Boston Harbor	09/19/2016	11/03/16	45	91	$10,941.00
Corrected BWSC Contract	20	Edison Green	Dorchester	R-3	16L122	Boston Harbor	09/19/2016	11/04/16	46	241	$13,813.00
Corrected by Owner	61-63	Fairmount Street	Dorchester	R-2	10L094 Davenport	Neponset River	09/19/2016	11/14/16	56	252	
Corrected by Owner	69-71	Fairmount Street	Dorchester	R-2	10L094 Davenport	Neponset River	09/19/2016	11/03/16	45	45	
Corrected BWSC Contract	44	Floyd Street	Mattapan	R-3	11I577 Dorchester	Charles via Stony Brook Conduit	11/24/2015	01/14/16	51	491	$9,468.00
Corrected by Owner	130-128	Fuller Street	Dorchester	R-2	10L094 Davenport	Neponset River	07/11/2016	07/11/16	0	122	
Corrected BWSC Contract	235	Gallivan Boulevard	Dorchester	R-1	10L094 Davenport	Neponset River	11/09/2015	01/13/16	65	96	$11,392.00
Corrected BWSC Contract	177	Hackensack Road	West Roxbury	R-1	13D077/078	Charles via Bussey Brook	02/12/2016	05/13/16	91	122	$11,344.00
Corrected by Owner	18-24	Harvard Avenue	Dorchester	Comm	11I577 Dorchester	Charles via Stony Brook Conduit	12/15/2015	06/09/16	173	129	
Corrected BWSC Contract	369	La Grange Street	West Roxbury	Exempt	07C006 Belle Avenue	Charles River	04/06/2016	05/16/16	40	32	$18,990.00
Corrected BWSC Contract	44-46	Lawrence Avenue	Roxbury	R-1	21K070 CSO	Boston Harbor	09/16/2015	01/11/16	117	249	$1,116.48
Corrected BWSC Contract	42	Long Avenue	Allston	R-4-6	24G035 Salt Creek	Charles River	12/22/2015	02/02/16	42	433	$13,600.34
Corrected by Owner	36	Long Avenue	Allston	R-2	24G035 Salt Creek	Charles River	12/04/2015	01/15/16	42	70	
Corrected by Owner	224-232	Market Street	Brighton	Comm	24D032 Faneuil Brook	Charles River	07/11/2016	10/19/16	100	995	
Corrected BWSC Contract	9	Mission Street	Jamaica Plain	R-2	19G043 Huntington	Charles via Muddy River	02/02/2016	02/29/16	27	247	$5,557.00
Corrected BWSC Contract	750	Morton Street	Mattapan	Apt	11I577 Dorchester	Charles via Stony Brook Conduit	01/11/2016	01/01/16	21	785	$15,134.00
Corrected BWSC Contract	125	North Beacon Street	Brighton	Comm	25E037 Telford	Charles River	08/04/2016	08/18/16	14	59	$23,657.00
Corrected by Owner	99	Parkton Road	Jamaica Plain	R-2	18G233 Daisy Field	Charles via Muddy River	03/22/2016	07/06/16	106	19	
Corrected by Owner	91	Parkton Road	Jamaica Plain	R-4	18G233 Daisy Field	Charles via Muddy River	03/22/2016	04/01/16	10	37	
Corrected by Owner	72	Parkton Road	Jamaica Plain	R-3	18G233 Daisy Field	Charles via Muddy River	03/22/2016	04/19/16	28	0	
Corrected by Owner	97	Perkins Street	Jamaica Plain	R-2	18G233 Daisy Field	Charles via Muddy River	05/17/2016	05/19/16	2	233	
Corrected BWSC Contract	22	Rambler Road	Jamaica Plain	R-1	15FMH333	Charles via Goldsmith Brook	05/09/2016	06/21/16	43	137	$31,258.00
Corrected by Owner	30	Rita Road	Dorchester	R-1	10L094 Davenport	Neponset River	11/09/2015	01/19/16	71	39	$2,189.00
Corrected BWSC Contract	111-115	Stratton Street	Dorchester	R-2	11I577 Dorchester	Charles via Stony Brook Conduit	09/19/2016	11/01/16	43	314	
Corrected by Owner	160-166	Talbot Avenue	Dorchester	Exempt	11I577 Dorchester	Charles via Stony Brook Conduit	04/06/2016	07/14/16	99	27	$7,090.00
Corrected BWSC Contract	39	Torrey Street	Dorchester	R-3	11I577 Dorchester	Charles via Stony Brook Conduit	12/14/2015	02/18/16	66	502	$11,485.00
Corrected BWSC Contract	3575	Washington Street	Jamaica Plain	Comm	23I023 State Hospital	Charles via Stony Brook Conduit	06/15/2016	08/16/16	62	40	$14,082.00
Corrected BWSC Contract	903	Washington Street	Dorchester	R-1	10L094 Davenport	Neponset River	11/03/2015	01/21/16	79	132	$12,507.00
Corrected by Owner	5181	Washington Street	West Roxbury	Comm	06D187 Grove Street	Neponset River	03/07/2016	05/17/16	71	10	
Corrected by Owner	15	Washington Street	Brighton	Comm	21E064 Tannery	Charles via Tannery Brook	05/20/2016	06/15/16	26	1,040	
Corrected BWSC Contract	61-63	Waverly Street	Brighton	R-2	25E037 Telford	Charles River	02/11/2016	03/23/16	41	1,145	$8,709.00
Corrected by Owner	10	Wedgewood Road	West Roxbury	R-1	13E174 VFW	Charles via Bussey Brook	02/01/2016	04/13/16	72	143	
Corrected BWSC Contract	139	Westmoor Road	West Roxbury	R-1	06D097 Edgemere	Neponset River	03/10/2016	04/28/16	49	147	$10,965.00
Corrected BWSC Contract	91	Wheatland Avenue	Dorchester	R-3	11I577 Dorchester	Charles via Stony Brook Conduit	01/11/2016	02/23/16	43	713	$32,685.00
Corrected BWSC Contract	87	Wheatland Avenue	Dorchester	R-3	11I577 Dorchester	Charles via Stony Brook Conduit	11/24/2015	01/12/16	49	297	$12,778.00

Table 2-9. Direct Illicit Connections 2016

Status	Bldg Number	Address	Neighborhood	Bldg Type	Sub-Catchment Area	Subwatershed	Date Verified	Date Corrected	Days to Correct	Sewage Removed (Average Gallons Per Day)	BWSC Cost (to Correct Direct Connection Only)
Corrected by Owner	81	Willowdean Avenue	West Roxbury	R-1	13D077/078	Charles via Bussey Brook	07/20/2015	01/18/16	182	62	
Internal Illicit- Owner has been Notified	55	Brock Street	Brighton	R-3	24D032 Faneuil Brook	Charles River	12/09/2016				
Internal Illicit- Owner has been Notified	66	Brock Street	Brighton	R-3	24D032 Faneuil Brook	Charles River	12/02/2016				

Total Sewage Removed (Average Gallons Per Day)	10,920
Total BWSC Cost to Correct Illicit Connections	$336,364

	Corrected Illicit Connections
	Includes both Illicit Connection and Leaking Lateral

*These costs do not include cost to locate illicit discharges (via manhole inspections, dye tests)

Table 2-10. Indirect Illicit Connections 2016

Status	Bldg Number	Address	Neighborhood	Bldg Type	Sub-Catchment Area	Subwatershed	Date Verified	Date Corrected	Days to Correct	Sewage Removed (Average Gallons Per Day)	BWSC Cost to Test Lateral	Reimbursed by BWSC to Owner
Was Both Internal Connections and Leaking Lateral- Internal Connection and Lateral were Corrected by Owner	59	Buchanan Road	West Roxbury	R-1	13E174 VFW	Charles via Bussey Brook	06/21/2016	09/22/16	93	49	$1,660.00	$4,000.00
Was Both Direct Illicit Connection to Main and Leaking Lateral- Direct Connection was Corrected under BWSC Contract;	39	Burrwood Road	West Roxbury	R-1	13E174 VFW	Charles via Bussey Brook	09/03/2014	04/16/16	591	26	$2,762.00	$4,000.00
Was Both Direct Illicit Connection to Main and Leaking Lateral- Direct Connection was Corrected under BWSC Contract;	7	Corey Terrace	West Roxbury	R-1	23I023 West Roxbury	Charles via Stony Brook Conduit	07/03/2014	10/31/16	851	63	$3,980.00	$4,000.00
Was Both Internal Connections and Leaking Lateral- Internal Connection and Lateral were Corrected by Owner	21	Ocean Street	Dorchester	R-2	10L094 Davenport	Neponset River	12/11/2015	11/16/16	341	79	$4,654.00	$4,000.00
Was Both Internal Connections and Leaking Lateral- Internal Connection and Lateral were Corrected by Owner	33	Valley Road	Dorchester	R-1	10L094 Davenport	Neponset River	11/23/2015	02/03/16	72	24	$3,529.00	$0.00
Was Both Internal Connections and Leaking Lateral- Internal Connection and Lateral were Corrected by Owner	1234	Washington Street	South End	Ind	21K069 West Fourth	Boston Harbor	03/29/2016	08/05/16	129	415	$2,071.00	$0.00
Was Both Internal Connections and Leaking Lateral- Internal Connection and Lateral were Corrected by Owner	68	Westmore Road	Mattapan	R-2	07H105 Edgewater	Neponset River	09/12/2016	11/17/16	66	80	$1,550.00	$0.00
Internal Illicit Connection and Leaking Lateral - Owner has been Notified	70	Colorado Street	Mattapan	R-1	07H105 Edgewater	Neponset River	08/15/2016					
Internal Illicit Connection and Leaking Lateral - Owner has been Notified	911	Washington Street	Dorchester	R-1	10L094 Davenport	Neponset River	08/25/2016					
Internal Illicit and Leaking Lateral- Owner has been Notified	74-76	Westmore Road	Mattapan	R-2	07H105 Edgewater	Neponset River	09/12/2016					
Leaking Lateral Repaired by Owner	693	Adams Street	Dorchester	R-3	10L094 Davenport	Neponset River	08/23/2016	09/07/16	15	117	$1,840.00	$4,000.00
Leaking Lateral Repaired by Owner	707	Adams Street	Dorchester	R-1	10L094 Davenport	Neponset River	07/25/2016	09/08/16	45	30	$1,880.00	$4,000.00
Leaking Lateral Repaired by Owner	65	Bailey Street	Dorchester	Comm	10L094 Davenport	Neponset River	05/21/2015	04/01/16	316	218	$1,738.00	$0.00
Leaking Lateral Repaired by Owner	37	Buchanan Road	West Roxbury	R-1	13E174 VFW	Charles via Bussey Brook	06/21/2016	08/29/16	69	33	$1,780.00	$4,000.00
Leaking Lateral Repaired by Owner	11	Charles Street	Dorchester	School	13L090 Victory Road	Neponset River	05/10/2016	05/15/16	5	984	$875.00	$0.00
Leaking Lateral Repaired by Owner	78	Colborne Road	Brighton	R-2	21D319 Village-Kilsyth	Charles via Village Brook	07/25/2016	11/15/16	113	95	$260.00	$0.00
Leaking Lateral Repaired by Owner	74-76	Colborne Road	Brighton	R-2	21D319 Village-Kilsyth	Charles via Village Brook	07/25/2016	12/15/16	143	50	$1,020.00	$0.00
Leaking Lateral Repaired by Owner	263	Corey Road	Brighton	R-2	24G035 Salt Creek	Charles River	12/11/2015	01/15/16	35	58	$2,075.00	$4,000.00
Leaking Lateral Repaired by Owner	277-275	Corey Road	Brookline	R-2	24G035 Salt Creek	Charles River	12/11/2015	05/13/16	154	70	$2,135.00	$4,000.00
Leaking Lateral Repaired by Owner	26	Edison Green	Dorchester	R-2	16L122	Boston Harbor	09/08/2016	10/17/16	70	78	$1,440.00	$4,000.00
Leaking Lateral Repaired by Owner	32	Edison Green	Dorchester	R-2	16L122	Boston Harbor	09/08/2016	12/22/16	105	74	$1,200.00	$4,000.00
Leaking Lateral Repaired by Owner	25	Estella Street	Mattapan	Apts	11I577 Dorchester	Charles via Stony Brook Conduit	01/05/2016	06/06/16	153	325	$2,326.00	$0.00
Leaking Lateral Repaired by Owner	34	Fairmount Street	Dorchester	R-2	10L094 Davenport	Neponset River	11/20/2015	02/11/16	83	68	$2,180.00	$4,000.00
Leaking Lateral Repaired by Owner	264-266	Gallivan Boulevard	Dorchester	R-2	10L094 Davenport	Neponset River	08/09/2016	08/24/16	5	133		$4,000.00
Leaking Lateral Repaired by Owner	20	Goodale Road	Mattapan	R-3	11I577 Dorchester	Charles via Stony Brook Conduit	12/11/2015	01/08/16	28	117	$1,883.00	$4,000.00
Leaking Lateral Repaired by Owner	44	Goodale Road	Mattapan	R-3	11I577 Dorchester	Charles via Stony Brook Conduit	12/11/2015	01/21/16	41	129	$2,265.00	$4,000.00
Leaking Lateral Repaired by Owner	108	Greaton Road	West Roxbury	R-1	13D077/078	Charles via Bussey Brook	11/12/2015	01/27/16	76	48	$2,421.00	$4,000.00
Leaking Lateral Repaired by Owner	520	Harvard Street	Mattapan	R-3	11I577 Dorchester	Charles via Stony Brook Conduit	02/12/2016	04/21/16	69	120	$2,087.00	$4,000.00
Leaking Lateral Repaired by Owner	23	Hildreth Street	Dorchester	R-3	11I577 Dorchester	Charles via Stony Brook Conduit	06/21/2016	09/30/16	101	54	$1,120.00	$4,000.00
Leaking Lateral Repaired by Owner	91	Homer Street	East Boston	R-2	28N207 Moore Street	Boston Harbor	12/2/2014	05/14/15	163	94	$4,905.00	$4,000.00
Leaking Lateral Repaired by Owner	503	La Grange Street	West Roxbury	R-1	12B124 LaGrange	Charles River	11/12/2015	01/09/16	58	11	$2,405.00	$4,000.00
Leaking Lateral Repaired by Owner	46-48	Leo M. Birmingham	Brighton	Comm	25D040 Western Ave	Charles River	07/25/2016	09/10/16	47	269	$1,960.00	$4,000.00
Leaking Lateral Repaired by Owner	50	Lila Road	Jamaica Plain	R-1	23I023 Arboretum	Charles via Stony Brook Conduit	06/21/2016	07/18/16	22	41	$1,880.00	$4,000.00
Leaking Lateral Repaired by Owner	44	Long Avenue	Allston	R-2	24G035 Salt Creek	Charles River	12/16/2015	08/05/16	233	235	$2,297.00	$4,000.00
Leaking Lateral Repaired by Owner	33	Long Avenue	Allston	R-3	24G035 Salt Creek	Charles River	12/16/2015	08/05/16	233	174	$1,874.00	$4,000.00
Leaking Lateral Repaired by Owner	64	Lorna Road	Mattapan	R-2	07H285 Blue Hill Ave	Neponset River	11/12/2015	03/10/16	119	56	$2,300.00	$4,000.00
Leaking Lateral Repaired by Owner	35	Maxwell Street	Dorchester	R-3	07H285 Blue Hill Ave	Neponset River	06/21/2016	11/11/16	143	78	$1,740.00	$4,000.00
Leaking Lateral Repaired by Owner	35	Nevada Street	Dorchester	R-1	10L094 Davenport	Neponset River	11/20/2015	03/30/16	131	25	$2,084.00	$4,000.00
Leaking Lateral Repaired by Owner	146	Nonantum Street	Allston/Brighton	R-2	24D032 Faneuil Brook	Charles River	07/25/2016	09/12/16	49	60	$1,460.00	$4,000.00
Leaking Lateral Repaired by Owner	243	North Harvard Street	Allston/Brighton	R-3	26G001 Harvard	Charles River	07/25/2016	08/22/16	28	363	$1,820.00	$4,000.00
Leaking Lateral Repaired by Owner	182	Perham Street	West Roxbury	R-1	12B124 LaGrange	Charles River	06/21/2016	08/22/16	62	41	$1,800.00	$4,000.00
Leaking Lateral Repaired by Owner	35	Pratt Street	Brighton	R-2	24G035 Salt Creek	Charles River	12/11/2015	05/20/16	161	49	$2,281.00	$4,000.00
Leaking Lateral Repaired by Owner	24	Priscilla Road	Brighton	R-2	24D032 Faneuil Brook	Charles River	10/31/2016	11/22/16	22	64	$1,780.00	$4,000.00
Leaking Lateral Repaired by Owner	18	Rambler Road	Jamaica Plain	R-1	15FMH333	Charles via Goldsmith Brook	06/21/2016	07/18/16	27	44	$2,220.00	$4,000.00
Leaking Lateral Repaired by Owner	65	Safford Street	Mattapan	R-1	06G108 Wood Avenue	Neponset River	02/12/2016	04/28/16	76	63	$2,540.00	$4,000.00
Leaking Lateral Repaired by Owner	14	Standish Street	Dorchester	R-3	11I577 Dorchester	Charles via Stony Brook Conduit	07/25/2016	08/15/16	21	154	$1,500.00	$4,000.00
Leaking Lateral Repaired by Owner	48	Sturbridge Street	Mattapan	R-1	08J103 Central Avenue	Neponset River	12/11/2015	02/03/16	54	36	$2,201.00	$4,000.00
Leaking Lateral Repaired by Owner	46	Torrey Street	Dorchester	R-2	11I577 Dorchester	Charles via Stony Brook Conduit	01/05/2016	02/14/16	40	87	$2,267.00	$4,000.00
Leaking Lateral Repaired by Owner	298	Vermont Street	West Roxbury	R-1	12B124 LaGrange	Charles River	06/21/2016	11/16/16	148	62	$1,760.00	$4,000.00

Table 2-10. Indirect Illicit Connections 2016

Status	Bldg Number	Address	Neighborhood	Bldg Type	Sub-Catchment Area	Subwatershed	Date Verified	Date Corrected	Days to Correct	Sewage Removed (Average Gallons Per Day)	BWSC Cost to Test Lateral	Reimbursed by BWSC to Owner
Leaking Lateral Repaired by Owner	990	Washington Street	Dorchester	R-1	10L094 Davenport	Neponset River	11/30/2015	01/01/16	32	41	$2,054.00	$4,000.00
Leaking Lateral Repaired by Owner	519	Weld Street	West Roxbury	R-1	13D077/078	Charles via Bussey Brook	11/12/2015	05/17/16	187	32	$2,232.00	$3,650.00
Leaking Lateral Repaired by Owner	49	Wentworth Street	Dorchester	R-3	11I577 Dorchester	Charles via Stony Brook Conduit	01/05/2016	03/08/16	63	109	$2,389.00	$4,000.00
Leaking Lateral Repaired by Owner	14-14A	Westcott Street	Dorchester	R-2	11I577 Dorchester	Charles via Stony Brook Conduit	01/05/2016	03/25/16	80	56	$1,884.00	$4,000.00
Leaking Lateral Repaired by BWSC Contractor	81	Wheatland Avenue	Dorchester	R-3	11I577 Dorchester	Charles via Stony Brook Conduit	04/22/2016	04/22/16	1	350		$0.00
Verified Leaking Lateral-Water is Off	27	Banfield Avenue	Mattapan	R-1	07H285 Blue Hill Ave	Neponset River	12/30/2014			845		
Verified Leaking Lateral-Water is Off	60	Goodale Road	Mattapan	R-3	11I577 Dorchester	Charles via Stony Brook Conduit	07/25/2016			239		
Verified Leaking Lateral-Water is Off	39	Harding Road	Roslindale	R-1	23I023 Barron School	Charles via Stony Brook Conduit	11/04/2013					
Verified Leaking Lateral-Owner has been Notified	531	La Grange Street	West Roxbury	R-2	12B124 LaGrange	Charles River	10/07/2016					
Verified Leaking Lateral-Owner has been Notified	655	Morton Street	Mattapan	Res/Comm	11I577 Dorchester	Charles via Stony Brook Conduit	10/19/2016					
Verified Leaking Lateral-Owner has been Notified	88	Russett Road	West Roxbury	R-2	13D077/078	Charles via Bussey Brook	08/23/2016					
Verified Leaking Lateral-Owner has been Notified	124	Selden Street	Dorchester	R-3	07H285 Blue Hill Ave	Neponset River	10/31/2016					
Verified Leaking Lateral-Owner has been Notified	41	Valley Road	Dorchester	R-1	10L094 Davenport	Neponset River	08/23/2016					
Verified Leaking Lateral-Owner has been Notified	88	Wellington Hill Street	Mattapan	R-1	11I577 Dorchester	Charles via Stony Brook Conduit	10/07/2016					
Verified Leaking Lateral-Owner has been Notified	113	Wellington Hill Street	Mattapan	R-1	11I577 Dorchester	Charles via Stony Brook Conduit	09/08/2016					

	Corrected Illicit Connections
	Includes both Illicit Connection and Leaking Lateral
	Leaking Lateral has Been Verified - Water is Shut Off

Total Sewage Removed (Average Gallons Per Day)	7,215
Total BWSC Cost to Verify Leaking Lateral	$102,364
Total BWSC Cost to Reimburse Owner	$167,650.00
Total Cost to BWSC to Verify/Repair Leaking Laterals	$270,014

*These costs do not include cost to locate illicit discharges (via manhole inspections, dye tests)

Table 3 - 1. Brook Inlet and Outlet Cleaning

Waterway	Neighborhood	Frequency of Cleaning	Equipment Used
Arboretum Outfall	Jamaica Plain	Checked before/after storms; cleaned as needed	Flushing/Rodding Crew
Bussey Brook/Stony Brook Conduit/Treeland	Jamaica Plain	Checked before/after storms; cleaned as needed	Catch Basin Truck
Bussey Brook-Next to Church Of the Annunciation	West Roxbury	Checked before/after storms; cleaned as needed	Catch Basin Truck, Crane
Canterbury Brook Conduit @ American Legion Hwy	Roslindale	Checked before/after storms; cleaned as needed	Rodding/Flushing crew/ Catch Basin Truck
Canterbury Brook Outlet at Harvard Street	Mattapan	Checked before/after storms; cleaned as needed	Flushing/Rodding Crew
Centre Street/Lane	West Roxbury	Checked before/after storms; cleaned as needed	Flushing/Rodding Crew
Chandler Pond	Brighton	Checked before/after storms; cleaned as needed	Flushing/Rodding Crew
Grove Street-Wetlands (particle separator)	West Roxbury	Checked before/after storms; cleaned as needed	Catch Basin Truck, Vactor
Mother Brook	West Roxbury	Checked before/after storms; cleaned as needed	Flushing/Rodding Crew
Muddy River-Riverway and the Fenway/Grates	Boston	Checked before/after storms; cleaned as needed	Catch Basin Truck, Crane
Norton Street-intermittent stream	Hyde Park	Checked before/after storms; cleaned as needed	Flushing/Rodding Crew
American Legion Hwy near Wilmot St	Hyde Park	Checked before/after storms; cleaned as needed	Flushing/Rodding Crew

Table 3 - 2. BWSC Particle Separator Cleaning 2015

Location	Neighborhood	Map #	Outfall #	Receiving Water	2015 Material Removed (cubic yards) Various dates	Comments
Arnold Aroboretum	Jamaica Plain	13F	13F011	Bussy Brook	0.50	
Centre Lane	WROX	8C	8C025,8C026	Wetlands	0.25	
Centre Street	WROX	6C	6C110	Wetlands	0.25	
Coleridge Street	East Boston	28O	28O025	Boston Harbor	0.50	
Coniston Road	Roslindale	12E	13I023	Stony Brook Conduit	0.00	Did not need cleaning
Denny Street	Dorchester	15L	15L089 (CSO)	Malibu Beach	0.00	Did not need cleaning
Ericsson Street	Dorchester	12M	12M091	Neponset River	0.25	
Fenwood Road	Roxbury	20G	20G161	Muddy River	0.25	
Lawley Street	Dorchester	12L	12L092	Pine Neck Creek	0.25	
Martha Road	Central	26J	26J100	Charles River	NA	Cleaned but amount not recorded
Neponset Avenue	Dorchester	11M	11M093	Neponset River	0.00	Did not need cleaning
Norton Street	Hyde Park	3E	3E185	Open Channel	0.00	Did not need cleaning
Perkins Street	Jamaica Plain	17F	17F012	Jamaica Pond	0.50	
Waldemar Avenue	East Boston	30P	30P107	Belle Isle Inlet	0.00	Did not need cleaning
Waldemar Avenue	East Boston	31O	31O004	Belle Isle Inlet	0.25	
Walter Street	Roslindale	12F	12E418	Wetlands	0.00	Did not need cleaning
TOTALS					3.00	

TABLE 3-3. 2016 HAZMAT SPILL AND SEWER USE VIOLATIONS

	Date	Street	Complaint	BSWC Personnel	Type	Cause of Incident / Responsible Party
1	1/4/16	American Legion Hwy, Roslindale	Sewer Odor	Taylor	Oil Sludge	Called BFD about a strong chemical odor coming from sump, BFD requested to building managers to clean the sump area, I checked BWSC sewer and drain lines, no odors and all down and running.
2	1/27/16	Worthington St@Smith St	Mop Water	Taylor	Mop Water	Meet with manager of the Squealing Pig, told her about the cleaners that were dumping mop water buckets into BWSC catch basin, she will tell them to stop or BWSC will fine the business
3	2/25/16	291 Shawmut Av	Cement	Conran	Cement	Looked in CB could not see presentance of cement
4	3/9/16	Talbot Ave@Helen St, Mattapan	Oil	Taylor	Oil	Checked MH200, no oil seen, checked nearby drain and sewer manholes, no oil seen or any oil smell
5	3/9/16	75 O Street, South Boston	Plaster	Taylor	Construction debris	Checked nearby catch basins at 75 O Street in South Boston, saw possible construction debris around CB grate warned store worker to tell construction crews working above store to not impact BWSC's catch basins, also notified ISD about situation
6	3/15/16	Beverly St@Lovejoy Place	Oil	Taylor	Cement/Sediment	Received call about oil being discharged from BWSC storm drain, found sediment plumb from nearby construction site, called Matt Tuttle, he is meeting with construction personnel about situation
7	3/24/16	Church St@Columbus Ave	Gross Stuff	Taylor	Grease from dumpster	Checked area, found greasy liquid on sidewalk and in gutter impacting a BWSC catch basin, grease was coming from dumpster in Park Plaza loading dock, they will have sidewalk power washed and pump out BWSC catch basin.
8	3/28/16	960 Massachusetts Ave	food/grease	Taylor	nothing	Owner checked video and saw no illegal dumping and nothing in the private catch basin.
9	4/1/16	131 Beverly St @ Lovejoy Wharf	Oil	Vidalis	Construction Runoff	Received complaint from DCR about sheen coming from BWSC Storm Drain Outfall (26KSDO35). Upon investigation, it was determined the sheen was originating from under boarwalk by construction site (GSA#10181, Site Plan #14116), due to booms caught up on obstructions during lower tide. Cosigli Construction (Brian Corcoran) was contacted and said they would fix the booms around the boardwalk.
10	4/28/16	336 Sumner St, East Boston	Grease	Dorleans/Taylor	N/A	Received comlaint about Italian Express Power washinig grease covers in gutters. Checked CB's at Intersection of Sumner & Cottage and Sumner & Everrett. No Evidence of illegal dumping. (WO# 1262003)
11	5/9/16	150 Farragut Road	paint	Taylor	Paint	A paint like substance was seen around a private DCR catch basin. Catch basin connect to DCR line on Day Blvd, BWSC call the DCR to inform them on the situation.
12	5/11/16	302 Beacon St, Boston	paint	Taylor	Paint	Found AlexanderFinePainting dumping white paint into catch basin. They will clean out catch basin and may be fined.
13	5/24/16	245 K St, South Boston	paint	Taylor	nothing	Check area, saw small amount of cement stains on catch basin grate in front of 245 K St, South Boston, no work was being done in the area. Nothing was observed inside the catch basin.
14	5/24/16	701 Centre St, JP	Boston 311	Slade	FOG	Complaint of grease being dumped into CB behind restaurant. No grease was found. WO# 1264379
15	5/26/16	Charles Street South @ Boylston St	Possible plaster or paint	Dorleans / Harrington	Paint washout	Observed cloudy white water in CB. BWSC to Vactor out CB. WO# 1264705
16	6/7/16	392 Hanover St	Hydraulic Fluid	Slade	Hydraulic Fluid	Hydraulic line on fire truck let go causing less than 5 gallons of product to enter CB. On arrival, All Inclusive Environmental had already vactored out CB. CB will be boomed off as a precaution. WO# 1265613.
17	6/9/16	33 Parkman St, BBBH	Hydraulic Fluid	Night Crew	Hydraulic Fluid	13 gallons of hydraulic fluid spilled into a BWSC catch basin, Triumphed Cleaning Company cleaned impacted area, no material left the catch basin.
18	6/15/16	33 Faulkner St	Diesel Fuel	Slade	Diesel Fuel	Tractor trailer ruptured saddle tank releasing approx. 90 gallons of fuel into two CB's. Small amount detected in drain line. Premium Environmental hired by JB Hunt, owner of truck, to clean impacted areas and boom CB's. W/O #1266413.
19	6/28/16	49 Breck Ave, BRI	cement/concrete	Taylor/Tuttle	concrete runoff	Some concrete runoff was observed in the gutter and at the mouth of a BWSC catch basin. Contractor was told to remove it, contractor clean it up on recheck.
20	7/11/16	Essex St at Chauncy St	Power wash water	Slade	Power wash water	NER Mason and Restoration power washing building causing dirty wash water to discharge into gutter and CB. Spoke to superintendent Adrienne of Built Rite Construction who directed NER to cease. NER was directed to clean up material in gutter and CB. WO # 1268699.
21	7/14/16	98 Blackstone St	Grease	Conran	Grease	Found small amount of grease in CB. Followed up to have night crew clean CB and grease police check buisnesses traps. WO# 1268827
22	7/22/16	94 Condor St, EBOS	Oil	Limardo	Nothing	Night crew checked area and found no signs of any illegal dumping of oil in any of the nearby catch basins.
23	7/28/16	240 Silver St, South Boston	Paint	Taylor	Plaster	Contractor was already cleaning plaster out of catch basin, he was warned not to dump anything in any BWSC catch basins. Contractor's name was Colm Dunphy (617 799 2578)
24	8/9/16	Piedmont St & Arlington St	Concrete mix	Dorleans	Water & sand	Contractor was cleaning out a bucket of sand into CB220. He was warned not dump again. It was Oneil Masonry. WO# 1271021
25	8/23/16	Flagship Way, Charlestown	Oil	Taylor/O'Brien	Road Surface runoff	Small oilly sheen seen around outfall 27LSDO20, may have been caused by sewer/drain cleaning upstream, boom placed in 27LMH69 to stop further oil sheen in water.
26	8/25/16	9 Commonwealth Ave, Boston	paint	Taylor	cement wastewater	Brooksdale Construction was cutting concrete and some water from this process went into gutter and catch basin, they were told to clean impacted area.
27	8/31/16	Holyoke St@Columbus Ave	Hydraulic Fluid	Taylor/Dorleans	Hydraulic Fluid	A vactor truck from National Water Main leaked approximately 20 gallons of hydraulic fluid into a catch basin at Holyoke St and Columbus Ave, BFD arrived and put speedy dry on the impacted area and several booms were placed downstream to contain the spill. Cyn Environmental was called to clean impacted area.
28	9/21/16	1st Av @ 13th St	Oil in CB	Slade	Nothing found	Checked area for oil in CB, nothing found. WO# 1276024.
29	10/3/16	695 Truman Pkwy, HP	chemicals odors	Taylor/Dorleans	Found no odors	Checked sewers and drains in the area with the BFD, found no sources of odors, odor in 695 Truman Pkwy went away.(WO#1277584)
30	10/7/16	5 Worchester Sq, South End	paint	Taylor	paint	Gland properties was painting inside 5 Worchester Sq, they rinsed some paint buckets outside on the sidewalk causing a white puddle, they will shop vac up puddle and cease rinsing paint brushes and buckets on the sidewalk.(WO# 1278259)
31	10/11/13	12 Church, Bay Village	grease	Taylor	grease	Mike and Patty's were washing floor mats off into street, were told to cease washing anything into the sidewalk and street.
32	11/1/16	120 Arlington St, CENT	Concrete	Slade/Taylor	sand	Contractor had washed some sand in gutter. Small amount reached basin and some sand was in gutter. Told contractor to clean up gutter. Mason Cement Finishing was the contractor. (WO#1288444)
33	11/15/16	40 Green St, Charlestown	plaster	Taylor/Dorleans	plaster	A small amount of plaster was observed on top of the catch basin in front of 40 Green St,Charlestown. Warned contractor at 42-40 Green Street, and homeowner at 43 Green St to not throw anything into BWSC catch basins. Also visited 45 Green Street but nobody was currently working at the building. Called Owner of Scorpion Painiting and warned them not to dump in anything in CB (WO# 1289354)
34	11/29/16	177 Huntington Ave, BBBH	Hydarulic Fluid	Dorleans/James	Hydraulic Fluid	Shred-It truck spilled hyrdaulic fuel on the property. Building Engineering called clean Harbors and contained spill on to property. No impact to BWSC catch Basin. WO# 1290654
35	11/29/2016	731 Washington St, SDOR	Paint	Dorleans/James	Nothing Found	Checked CB around area of 731 Washington St. Nothing found. WO# 1290656
36	12/19/16	24 Ellingwood St, Jamaica Plain	Grease	Taylor	Grease	A small amount of cooking grease was seen on the grate of CB#53 next to 24 Ellingwood St, it appears that a resident may be dumping it, will stencil the sidewalk with do not dump. (WO # 1299418)

Table 3-4. Private Infiltration Devices Approved 2016

PROJECT NO	ADDRESS NUMB	STREET NAME	NEIGHBORHOOD	SIGNATURE DATE	INFILTRATION SYSTEM
15343	34	DECATUR ST	EBOS	1/6/2016	PERFORATED PIPE
15426	165-167	BOWEN ST	SBOS	1/8/2016	LEACHING BASIN
15431	877	BEACON ST	FEKE	1/8/2016	PERFORATED PIPE
15442	69-71	WYVERN ST	ROSL	1/8/2016	CULTEC CHAMBER
15462	20	WOODSTOCK AV	ALBR	1/8/2016	STORMTECH CHAMBERS
15207	605	BLUE HILL AV	ROXB	1/11/2016	PERFORATED PIPE
15374	7-9	GEM AV	ALBR	1/11/2016	CULTEC CHAMBER
15459	595	TREMONT ST	SEND	1/13/2016	CULTEC CHAMBER
16001	615	TREMONT ST	SEND	1/13/2016	CULTEC CHAMBER
15454	647	WALK HILL ST	MATP	1/15/2016	CULTEC CHAMBER
15389	47	CONCORD SQ	SEND	1/19/2016	DRYWELL
15470	190	CALUMET ST	JAPL	1/19/2016	STORMTECH CHAMBERS
14374	60-62	LAMBERT AV	ROXB	1/20/2016	STORMTECH CHAMBERS
15453	30	YARMOUTH ST	BBBH	1/20/2016	PERFORATED PIPE
15479	709-711	EAST SECOND ST	SBOS	1/22/2016	DRYWELL
14225	158	WALNUT AV	ROXB	1/29/2016	DRYWELL
15440	260	HIGHLAND ST	ROXB	1/29/2016	MULTIPLE
16028	365	E ST	SBOS	1/29/2016	CULTEC CHAMBER
16029	469	EAST FOURTH ST	SBOS	1/29/2016	STORMTECH CHAMBERS
13336	9	SHERMAN ST	CHAR	2/10/2016	DETENTION POND
15448	95-95A	BOARDMAN ST	EBOS	2/10/2016	DRYWELL
16003	4	WELD ST	WROX	2/10/2016	CULTEC CHAMBER
16038	29	NEPONSET AV	ROSL	2/10/2016	CULTEC CHAMBER
15154	6	PARMELEE ST	SEND	2/12/2016	CULTEC CHAMBER
15427	82	BALDWIN ST	CHAR	2/12/2016	STORMTECH CHAMBERS
15449	5	BRADFORD ST	SEND	2/12/2016	CULTEC CHAMBER
15477	300	LONGWOOD AV	FEKE	2/12/2016	TANK/INJECTION WELL
16025	132	QUINCY ST	ROXB	2/12/2016	STORMTECH CHAMBERS
15269	332	ASHMONT ST	SDOR	2/16/2016	CULTEC CHAMBER
16023	4253-4257	WASHINGTON ST	ROSL	2/16/2016	CULTEC CHAMBER
16041	15	MEDWAY ST	SDOR	2/17/2016	LEACHING BASIN
15295	1505	COMMONWEALTH AV	ALBR	2/22/2016	STORMTECH CHAMBERS
14378	80	PIERS PARK LN	EBOS	2/25/2016	DRYWELL
15184	20	KEARSARGE AV	ROXB	2/25/2016	PERFORATED PIPE
16037	129	GARDNER ST	WROX	2/25/2016	STORMTECH CHAMBERS
16062	27	WEST TREMLETT ST	SDOR	2/25/2016	STORMTECH CHAMBERS
15164	36	WINTHROP ST	ROXB	2/26/2016	PERFORATED PIPE
15271	35	WARREN AV	SEND	2/26/2016	PERFORATED PIPE
15275	33	WARREN AV	SEND	2/26/2016	PERFORATED PIPE
15435	70	NORTH HARVARD ST	ALBR	2/26/2016	STORMTECH CHAMBERS
16030	607	EAST SECOND ST	SBOS	2/26/2016	CULTEC CHAMBER
16055	556	PARK ST	SDOR	2/29/2016	LEACHING BASIN
16002	183	CAMBRIDGE ST	ALBR	3/2/2016	STORMTECH CHAMBERS
16026	70	PARKER HILL AV	JAPL	3/2/2016	CULTEC CHAMBER
16027	108-110	WEBSTER ST	EBOS	3/2/2016	LEACHING BASIN
16036	131	GARDNER ST	WROX	3/2/2016	STORMTECH CHAMBERS
14332	35	MOUNT EVERETT ST	SDOR	3/4/2016	DRYWELL
14480	52-54	TAYLOR ST	SDOR	3/4/2016	STORMTECH CHAMBERS
15455	1190	MASSACHUSETTS AV	ROXB	3/4/2016	CULTEC CHAMBER

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PROJECT NO	ADDRESS NUMB	STREET NAME	NEIGHBORHOOD	SIGNATURE DATE	INFILTRATION SYSTEM
14221	2-4	KERR WY	ROXB	3/11/2016	RAIN GARDEN
15179	160	MOUNT VERNON ST	NDOR	3/11/2016	RAIN GARDEN
15329	1	BLACK FALCON AV	SBOS	3/11/2016	BIO SWALE
15417	216	SILVER ST	SBOS	3/11/2016	LEACHING BASIN
15437	579	EAST EIGHTH ST	SBOS	3/11/2016	DRYWELL
16024	17-19	VINTON ST	SBOS	3/11/2016	CULTEC CHAMBER
16033	68-70	WAVERLY ST	ALBR	3/11/2016	MULTIPLE
15452	42	PRESCOTT ST	HYDE	3/14/2016	DRYWELL
15226	130	ROXBURY ST	ROXB	3/15/2016	LEACHING BASIN
16045	363	CONGRESS ST	SBOS	3/17/2016	PERFORATED PIPE
16102	77	WORCESTER ST	SEND	3/17/2016	STORMTECH CHAMBERS
15095	150	CAMDEN ST	SEND	3/18/2016	MULTIPLE
15395	68	WEST RUTLAND SQ	BBBH	3/18/2016	LEACHING BASIN
16078	16	DYER ST	MATP	3/18/2016	DRYWELL
16079	18	DYER ST	MATP	3/18/2016	DRYWELL
16080	24-26	DYER ST	MATP	3/18/2016	DRYWELL
16081	20-22	DYER ST	MATP	3/18/2016	DRYWELL
16082	13-15	DYER ST	MATP	3/18/2016	DRYWELL
16084	48-50	CAPEN ST	MATP	3/18/2016	DRYWELL
16085	63	THETFORD AV	MATP	3/18/2016	DRYWELL
16086	85-87	THETFORD AV	MATP	3/18/2016	DRYWELL
16087	35	GOVE ST	EBOS	3/18/2016	EXISTS TYPE UNKNOWN
16092	320	MAVERICK ST	EBOS	3/18/2016	DRYWELL
16053	388	WEST FOURTH ST	SBOS	3/22/2016	DRYWELL
14470	333	TERMINAL ST	SBOS	3/23/2016	PERFORATED PIPE
16008	610	BEACON ST	FEKE	3/23/2016	TANK/INJECTION WELL
16046	884	ADAMS ST	SDOR	3/24/2016	STORMTECH CHAMBERS
16073	41	LENISTON ST	ROSL	3/25/2016	CULTEC CHAMBER
15377	40	TRAVELER ST	SEND	3/26/2016	CULTEC CHAMBER
13228	60	SOUTHERN AV	SDOR	3/28/2016	PERFORATED PIPE
14167	413-419	SHAWMUT AV	SEND	3/28/2016	CULTEC CHAMBER
14181	101	SOUTH HUNTINGTON AV	JAPL	3/28/2016	PERFORATED PIPE
14387	100	ARTHUR ST	ALBR	3/28/2016	PERFORATED PIPE
15478	171	BORDER ST	EBOS	3/28/2016	DRYWELL
16069	1818	RIVER ST	HYDE	3/28/2016	CULTEC CHAMBER
16110	106-108	MAVERICK ST	EBOS	3/28/2016	STORMTECH CHAMBERS
16083	17-19	DYER ST	MATP	3/31/2016	DRYWELL
15007	245	SUMNER ST	EBOS	4/4/2016	INJECTION WELLS
15099	35A & 35B	BRIGHTON ST	CHAR	4/4/2016	CULTEC CHAMBER
16088	10	WARE ST	NDOR	4/4/2016	DRYWELL
16105	44-46	WINTON ST	ROSL	4/4/2016	CULTEC CHAMBER
16118	430	WEST ROXBURY PKWY	WROX	4/4/2016	CULTEC CHAMBER
15337	38	HOPKINS RD	JAPL	4/5/2016	CULTEC CHAMBER
16018	156	WEST CONCORD ST	SEND	4/5/2016	CULTEC CHAMBER
13407	434-454	BLUE HILL AV	ROXB	4/7/2016	LEACHING BASIN
15084	12-14	HALF MOON ST	ROXB	4/7/2016	DRYWELL
15473	38-42	HYDE PARK AV	ROSL	4/7/2016	CULTEC CHAMBER
13361	36	GLEASON ST	ROXB	4/11/2016	DRYWELL
15030	20	PENNIMAN RD	ALBR	4/11/2016	CULTEC CHAMBER

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PROJECT NO	ADDRESS NUMB	STREET NAME	NEIGHBORHOOD	SIGNATURE DATE	INFILTRATION SYSTEM
15116	22	CHICKATAWBUT ST	SDOR	4/11/2016	CULTEC CHAMBER
15324	7	NORTH ST	CENT	4/11/2016	PERFORATED PIPE
15372	3859	WASHINGTON ST	ROSL	4/11/2016	CULTEC CHAMBER
16015	80	MARGINAL ST	EBOS	4/11/2016	CULTEC CHAMBER
16103	144	WEST THIRD ST	SBOS	4/11/2016	STORMTECH CHAMBERS
16122	85	SEARLE RD	WROX	4/11/2016	CULTEC CHAMBER
15284	328	SAVIN HILL AV	NDOR	4/12/2016	CULTEC CHAMBER
16061	85	BROOKLEY RD	JAPL	4/12/2016	MULTIPLE
16121	87	SEARLE RD	WROX	4/12/2016	CULTEC CHAMBER
16114	46	ALPINE ST	ROXB	4/13/2016	STORMTECH CHAMBERS
15392	14-16	HAYNES ST	EBOS	4/14/2016	DRYWELL
15268	6	ANSONIA RD	WROX	4/15/2016	DRYWELL
15066	15	SPARHAWK ST	ALBR	4/19/2016	MEDIA FILTERS
13103	385	WEST BROADWAY	SBOS	4/20/2016	CULTEC CHAMBER
15476	283	LONGWOOD AV	FEKE	4/20/2016	TANK/INJECTION WELL
16143	94	PINCKNEY ST	BBBH	4/20/2016	CULTEC CHAMBER
13405	461	BEECH ST	ROSL	4/21/2016	STORMTECH CHAMBERS
14331	38	GREENDALE RD	MATP	4/22/2016	STORMTECH CHAMBERS
16058	31	ORLEANS ST	EBOS	4/25/2016	FILTRATION BASINS
16132	200	NORTH ST	CENT	4/26/2016	TREE BOX FILTERS
15263	1902-1904	WASHINGTON ST	SEND	4/28/2016	PERFORATED PIPE
16047	190-210	PIER 4 BLVD	SBOS	4/28/2016	PERFORATED PIPE
16097	51-55	SULLIVAN ST	CHAR	4/28/2016	STORMTECH CHAMBERS
15363	627	COLUMBUS AV	SEND	4/29/2016	PERFORATED PIPE
16056	41	DIMOCK ST	ROXB	4/29/2016	DRYWELL
16134	12	MALLARD AV	SDOR	4/29/2016	LEACHING BASIN
12077	152-158	HIGHLAND ST	ROXB	5/2/2016	DRYWELL
14319	30-56	FENWOOD RD	JAPL	5/3/2016	PERFORATED PIPE
14321	24	SAINT ALBANS RD	JAPL	5/3/2016	PERFORATED PIPE
15302	16	PREBLE ST	SBOS	5/3/2016	DRYWELL
16115	271	GOLD ST	SBOS	5/3/2016	LEACHING BASIN
15318	59-129	GRAMPIAN WY	NDOR	5/6/2016	UNKNOWN
15391	906	EAST SECOND ST	SBOS	5/6/2016	LEACHING BASIN
16113	63	CLIFFORD ST	HYDE	5/6/2016	CULTEC CHAMBER
15446	64-66	GOVE ST	EBOS	5/10/2016	STORMTECH CHAMBERS
16117	175	K ST	SBOS	5/10/2016	DRYWELL
15266	30	HASLET ST	ROSL	5/12/2016	DRYWELL
13432	1	NASHUA ST	CENT	5/13/2016	PERFORATED PIPE
14436	30	NORTHAMPTON ST	SEND	5/13/2016	PERFORATED PIPE
16129	129	PROVIDENCE ST	HYDE	5/13/2016	CULTEC CHAMBER
16173	28	MELROSE ST	CENT	5/13/2016	STORMTECH CHAMBERS
15322	35-65	LEWIS ST	EBOS	5/17/2016	PERFORATED PIPE
15411	288	MARGINAL ST	EBOS	5/17/2016	DRYWELL
16011	169	DORCHESTER ST	SBOS	5/17/2016	CULTEC CHAMBER
16171	18	PREBLE ST	SBOS	5/17/2016	STORMTECH CHAMBERS
16139	35	FRANCIS ST	FEKE	5/18/2016	UNKNOWN
15396	381-385	CHESTNUT HILL AV	ALBR	5/24/2016	CULTEC CHAMBER
15420	9-11	WARD ST	SBOS	5/24/2016	DRYWELL
15439	127	WESTERN AV	ALBR	5/24/2016	STORMTECH CHAMBERS

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PROJECT NO	ADDRESS NUMB	STREET NAME	NEIGHBORHOOD	SIGNATURE DATE	INFILTRATION SYSTEM
16064	180	TELFORD ST	ALBR	5/24/2016	STORMTECH CHAMBERS
16179	57-59	SAVIN HILL AV	NDOR	5/26/2016	STORMTECH CHAMBERS
15196	148	WEST NEWTON ST	SEND	5/27/2016	STORMTECH CHAMBERS
16094	47,49	CHAPPIE ST	CHAR	5/31/2016	DRYWELL
16109	120-122	COLERIDGE ST	EBOS	5/31/2016	DRYWELL
14333	20	NONANTUM RD	ALBR	6/2/2016	PERFORATED PIPE
15341	56	BAXTER ST	SBOS	6/2/2016	PERFORATED PIPE
16051	184	EVERETT ST	ALBR	6/2/2016	CULTEC CHAMBER
16167	2493	WASHINGTON ST	ROXB	6/2/2016	STORMTECH CHAMBERS
16099	52	MELROSE ST	CENT	6/3/2016	TANK/INJECTION WELL
15161	58	WACHUSETT ST	ROSL	6/6/2016	PERFORATED PIPE
16068	115-117	GLADSTONE ST	EBOS	6/6/2016	CULTEC CHAMBER
16095	25	FID KENNEDY AV	SBOS	6/6/2016	PERFORATED PIPE
16177	319	ATHENS ST	SBOS	6/6/2016	STORMTECH CHAMBERS
14402	12	BRADBURY ST	ALBR	6/8/2016	PERFORATED PIPE
15474	910	SOUTH ST	JAPL	6/8/2016	PERFORATED PIPE
16217	38	AUBURN ST	CHAR	6/8/2016	STORMTECH CHAMBERS
16070	218-220	HAVRE ST	EBOS	6/9/2016	PERFORATED PIPE
15083	49-51D	COFFEY ST	SDOR	6/10/2016	STORMTECH CHAMBERS
16146	33-39	SOUTH HUNTINGTON AV	JAPL	6/10/2016	MULTIPLE
16014	51	RIVER ST	MATP	6/13/2016	CULTEC CHAMBER
15079	1865	COLUMBUS AV	ROXB	6/15/2016	CULTEC CHAMBER
15174	19-25	UFFORD ST	MATP	6/15/2016	DRYWELL
15434	165	FALCON ST	EBOS	6/15/2016	CULTEC CHAMBER
16101	66-68	HOOKER ST	ALBR	6/15/2016	STORMTECH CHAMBERS
16160	304	STUART ST	BBBH	6/15/2016	MULTIPLE
16195	17-19	HAVERFORD ST	ROXB	6/15/2016	CULTEC CHAMBER
16218	22	BURLEY ST	HYDE	6/15/2016	CULTEC CHAMBER
16215	327-329	SHAWMUT AV	SEND	6/17/2016	STORMTECH CHAMBERS
15368	51-53	ROBEY ST	NDOR	6/22/2016	STORMTECH CHAMBERS
15370	37-43	ROBEY ST	NDOR	6/22/2016	STORMTECH CHAMBERS
16141	14	MURRAY CT	EBOS	6/23/2016	LEACHING BASIN
14219	12	MALLET ST	SDOR	6/28/2016	CULTEC CHAMBER
14377	39-41	MT VERNON ST	NDOR	6/29/2016	TANK/INJECTION WELL
15422	11-13	GRANITE AV	SDOR	7/1/2016	DRYWELL
16192	250	SOUTHAMPTON ST	SBOS	7/1/2016	DRYWELL
16185	41-43	HORACE ST	EBOS	7/6/2016	MULTIPLE
16246	14-18	SOUTH WAVERLY ST	ALBR	7/6/2016	DRYWELL
15204	18	FOLLEN ST	BBBH	7/8/2016	STORMTECH CHAMBERS
16232	1-3	SEWALL ST	JAPL	7/8/2016	DRYWELL
16034	12	DARTMOUTH ST	SEND	7/11/2016	CULTEC CHAMBER
13393	41	MAYWOOD ST	ROXB	7/12/2016	DRYWELL
15451	256	MARGINAL ST	EBOS	7/12/2016	STORMTECH CHAMBERS
15009	141-143	WEST SIXTH ST	SBOS	7/13/2016	LEACHING BASIN
15061	209	NEWBURY ST	BBBH	7/13/2016	CULTEC CHAMBER
15307	621	EAST FIRST ST	SBOS	7/15/2016	STORMTECH CHAMBERS
16284	213	WEST FIFTH ST	SBOS	7/15/2016	STORMTECH CHAMBERS
15433	35-37	MERCER ST	SBOS	7/19/2016	CULTEC CHAMBER
16145	6	WAVERLY ST	ROXB	7/20/2016	UNKNOWN

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PROJECT NO	ADDRESS NUMB	STREET NAME	NEIGHBORHOOD	SIGNATURE DATE	INFILTRATION SYSTEM
16220	232-234	FRIEND ST	CENT	7/20/2016	CULTEC CHAMBER
16251	45	WEST THIRD ST	SBOS	7/20/2016	STORMTECH CHAMBERS
15054	717	BOYLSTON ST	BBBH	7/22/2016	STORMTECH CHAMBERS
16223	157	DEWITT DR	ROXB	7/22/2016	CULTEC CHAMBER
16256	111	TOWNSEND ST	ROXB	7/23/2016	CULTEC CHAMBER
16286	198	BOWEN ST	SBOS	7/23/2016	STORMTECH CHAMBERS
16155	41	HAWTHORNE ST	ROXB	7/25/2016	CULTEC CHAMBER
16208	6	SHIRLEY ST	NDOR	7/25/2016	MULTIPLE
15272	31	WARREN AV	SEND	7/26/2016	MULTIPLE
15273	25	WARREN AV	SEND	7/26/2016	PERFORATED PIPE
15274	51	WARREN AV	SEND	7/26/2016	PERFORATED PIPE
15276	37	WARREN AV	SEND	7/26/2016	PERFORATED PIPE
16035	37-59	EDGEWOOD ST	ROXB	7/26/2016	STORMTECH CHAMBERS
16205	891	EAST FIRST ST	SBOS	7/26/2016	PERFORATED PIPE
14220	92	BIGELOW ST	ALBR	7/27/2016	DRYWELL
16221	11	PIERCE ST	HYDE	7/28/2016	CULTEC CHAMBER
15223	7	ALLEGHANY ST	JAPL	7/29/2016	CULTEC CHAMBER
15224	9	ALLEGHANY ST	JAPL	7/29/2016	CULTEC CHAMBER
15225	11	ALLEGHANY ST	JAPL	7/29/2016	CULTEC CHAMBER
15345	3	BRIGHAM ST	EBOS	7/29/2016	STORMTECH CHAMBERS
16116	150	STATE ST	CENT	7/29/2016	CULTEC CHAMBER
16157	305	COMMONWEALTH AV	BBBH	7/29/2016	CULTEC CHAMBER
16164	284	COMMONWEALTH AV	BBBH	7/29/2016	CULTEC CHAMBER
16216	145	HAVRE ST	EBOS	7/29/2016	UNKNOWN
16225	522	EAST SEVENTH ST	SBOS	7/29/2016	CULTEC CHAMBER
16226	171-181	BOWDOIN ST	SDOR	7/29/2016	CULTEC CHAMBER
16252	530	EAST BROADWAY	SBOS	7/29/2016	STORMTECH CHAMBERS
16254	44	GERRISH ST	ALBR	7/29/2016	DRYWELL
16072	29	BROOKSIDE AV	JAPL	8/1/2016	PERFORATED PIPE
16170	1-3	WEBB PARK	SBOS	8/1/2016	STORMTECH CHAMBERS
15394	20	ALASKA ST	ROXB	8/4/2016	DRYWELL
16012	35	HENSHAW ST	ALBR	8/4/2016	PERFORATED PIPE
16188	58	TOLMAN ST	SDOR	8/4/2016	DRYWELL
16207	54	DEDHAM ST	HYDE	8/4/2016	DRYWELL
16305	232	OLD COLONY AV	SBOS	8/5/2016	MULTIPLE
15210	29	ARBORVIEW RD	JAPL	8/8/2016	STORMTECH CHAMBERS
16138	143-171	HYDE PARK AV	ROSL	8/8/2016	CULTEC CHAMBER
16153	65	ALLERTON ST	ROXB	8/8/2016	PERFORATED PIPE
16159	81-85	INTERVALE ST	ROXB	8/8/2016	PERFORATED PIPE
16228	28	IFFLEY RD	ROXB	8/8/2016	CULTEC CHAMBER
16315	144	WEST CANTON ST	SEND	8/8/2016	STORMTECH CHAMBERS
16098	344	MEDFORD ST	CHAR	8/9/2016	MULTIPLE
16189	312	SUMNER ST	EBOS	8/9/2016	CULTEC CHAMBER
16253	171	TOWNSEND ST	ROXB	8/10/2016	STORMTECH CHAMBERS
15045	85	LEXINGTON ST	EBOS	8/11/2016	DRYWELL
16310	85-93	WILLOW CT	NDOR	8/11/2016	CULTEC CHAMBER
16054	95	ALLSTATE RD	NDOR	8/12/2016	DRYWELL
16212	240 A	NEWBURY ST	BBBH	8/12/2016	DRYWELL
16247	288-290	NORTH HARVARD ST	ALBR	8/12/2016	BIO SWALE

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PROJECT NO	ADDRESS NUMB	STREET NAME	NEIGHBORHOOD	SIGNATURE DATE	INFILTRATION SYSTEM
16300	32-34	WYVERN ST	ROSL	8/12/2016	CULTEC CHAMBER
16301	36-38	WYVERN ST	ROSL	8/12/2016	CULTEC CHAMBER
15472	300	BROOKLINE AV	FEKE	8/17/2016	CULTEC CHAMBER
16172	100	WEST SECOND ST	SBOS	8/17/2016	LEACHING BASIN
16196	222-224	NEWBURY ST	BBBH	8/17/2016	CULTEC CHAMBER
16200	6	WEST BROADWAY	SBOS	8/18/2016	MULTIPLE
14065	1467	TREMONT ST	JAPL	8/22/2016	DRYWELL
14274	314	MARLBOROUGH ST	BBBH	8/22/2016	PERFORATED PIPE
15388	582-584	EAST THIRD ST	SBOS	8/22/2016	CULTEC CHAMBER
16197	226-228	NEWBURY ST	BBBH	8/22/2016	CULTEC CHAMBER
16198	230-232	NEWBURY ST	BBBH	8/22/2016	CULTEC CHAMBER
16244	108	SOUTH ST	JAPL	8/22/2016	CULTEC CHAMBER
16263	180-182	ROSLINDALE AV	ROSL	8/23/2016	CULTEC CHAMBER
16283	100	WELD ST	WROX	8/23/2016	CULTEC CHAMBER
16291	37	KIMBALL ST	SDOR	8/23/2016	STORMTECH CHAMBERS
16292	39	KIMBALL ST	SDOR	8/23/2016	STORMTECH CHAMBERS
16043	364-366	NEPONSET AV	SDOR	8/24/2016	CULTEC CHAMBER
16275	95	GIBSON ST	SDOR	8/24/2016	DRYWELL
16135	279	MARLBOROUGH ST	BBBH	8/25/2016	PERFORATED PIPE
16334	6	BURTON AV	ROXB	8/25/2016	STORMTECH CHAMBERS
16241	100	WILLIAM T MORRISSEY BL	NDOR	8/26/2016	UNKNOWN
16350	666	MASSACHUSETTS AV	SEND	8/30/2016	CULTEC CHAMBER
16019	75	HOMESTEAD ST	ROXB	8/31/2016	CULTEC CHAMBER
16106	105	BROOKLEY RD	JAPL	8/31/2016	DRYWELL
16308	85	ALLERTON ST	ROXB	8/31/2016	STORMTECH CHAMBERS
16337	1869	HYDE PARK AV	HYDE	8/31/2016	CULTEC CHAMBER
16131	322-324	ATHENS ST	SBOS	9/7/2016	PERFORATED PIPE
16180	84	WILLOW CT	NDOR	9/7/2016	CULTEC CHAMBER
16248	31	MILFORD ST	SEND	9/7/2016	STORMTECH CHAMBERS
16268	205	WEST SPRINGFIELD ST	SEND	9/7/2016	CULTEC CHAMBER
16273	57	SOUTH ST	JAPL	9/7/2016	PERFORATED PIPE
16162	425-435	MELNEA CASS BLVD	FEKE	9/8/2016	CULTEC CHAMBER
16165	1650	COMMONWEALTH AV	ALBR	9/8/2016	CULTEC CHAMBER
16312	22	UNION PARK	SEND	9/8/2016	CULTEC CHAMBER
15046	928	EAST BROADWAY	SBOS	9/9/2016	CULTEC CHAMBER
16341	6	HARTLAND ST	NDOR	9/9/2016	STORMTECH CHAMBERS
15315	50	LIBERTY DR	SBOS	9/12/2016	MULTIPLE
16335	15	SENATOR BOLLING CIR	MATP	9/12/2016	PERFORATED PIPE
16336	30	SENATOR BOLLING CIR	MATP	9/12/2016	PERFORATED PIPE
16365	1-4	LEONARD PL	SBOS	9/12/2016	STORMTECH CHAMBERS
16111	85	WEST NEWTON ST	SEND	9/13/2016	CULTEC CHAMBER
16201	233	WEST THIRD ST	SBOS	9/13/2016	DRYWELL
16290	26	HICHBORN ST	ALBR	9/13/2016	STORMTECH CHAMBERS
16343	362	MARLBOROUGH ST	BBBH	9/13/2016	CULTEC CHAMBER
16060	27	H ST	SBOS	9/14/2016	CULTEC CHAMBER
16144	4-8	COPELAND PARK	ROXB	9/14/2016	CULTEC CHAMBER
16314	352	MARLBOROUGH ST	BBBH	9/14/2016	CULTEC CHAMBER
16355	123	CUMMINS HWY	ROSL	9/14/2016	CULTEC CHAMBER
16277	210	MASSACHUSETTS AV	FEKE	9/16/2016	PERFORATED PIPE

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PROJECT NO	ADDRESS NUMB	STREET NAME	NEIGHBORHOOD	SIGNATURE DATE	INFILTRATION SYSTEM
15078	5-17	CLEAVES ST	ROXB	9/21/2016	CULTEC CHAMBER
15277	50	SAINT MARGARET ST	NDOR	9/21/2016	UNKNOWN
16267	234	BEACON ST	BBBH	9/21/2016	CULTEC CHAMBER
16274	410	WEST BROADWAY	SBOS	9/21/2016	STORMTECH CHAMBERS
16359	44	O ST	SBOS	9/21/2016	STORMTECH CHAMBERS
15314	87	FORBES ST	JAPL	9/22/2016	CULTEC CHAMBER
16154	75	BORDER ST	EBOS	9/22/2016	PERFORATED PIPE
16345	717-719	WASHINGTON ST	SDOR	9/22/2016	CULTEC CHAMBER
16361	78-106	LIVERPOOL ST	EBOS	9/23/2016	PERFORATED PIPE
15245	223-237	ALBANY ST	SEND	9/27/2016	STORMTECH CHAMBERS
15300	70	BROOKLEDGE ST	ROXB	9/27/2016	CULTEC CHAMBER
16304	7-9	PROSPECT ST	CHAR	9/27/2016	DRYWELL
16360	65	GREEN ST	JAPL	9/27/2016	CULTEC CHAMBER
16363	67	SAWYER AV	NDOR	9/28/2016	LEACHING BASIN
14139	261	LEXINGTON ST	EBOS	9/30/2016	CULTEC CHAMBER
14345	58-90	GLENVILLE AV	ALBR	9/30/2016	PERFORATED PIPE
15436	474	BEACON ST	CENT	9/30/2016	CULTEC CHAMBER
16125	602	DORCHESTER AV	SBOS	9/30/2016	CULTEC CHAMBER
16187	125	STOUGHTON ST	NDOR	9/30/2016	CULTEC CHAMBER
16233	280	WEST FIFTH ST	SBOS	9/30/2016	DRYWELL
16269	100	A ST	SBOS	10/3/2016	CULTEC CHAMBER
16330	122	DEWITT DR	ROXB	10/3/2016	STORMTECH CHAMBERS
16351	100	RUSSELL ST	CHAR	10/3/2016	PERFORATED PIPE
16357	84	ROMSEY ST	NDOR	10/3/2016	CULTEC CHAMBER
16358	26	SENATOR BOLLING CIR	MATP	10/3/2016	PERFORATED PIPE
16417	8	NIRA AV	JAPL	10/3/2016	STORMTECH CHAMBERS
16419	15	REVERE ST	BBBH	10/3/2016	STORMTECH CHAMBERS
16420	55	GREEN ST	JAPL	10/3/2016	DRYWELL
15353	336	CHELSEA ST	EBOS	10/4/2016	STORMTECH CHAMBERS
14137	3	AKRON ST	ROXB	10/5/2016	RAIN GARDEN
15414	9	SHEPARD ST	ALBR	10/6/2016	PERFORATED PIPE
16255	86	BERKELEY ST	SEND	10/6/2016	LEACHING BASIN
16007	1425	TREMONT ST	ROXB	10/13/2016	PERFORATED PIPE
16039	31	NEPONSET AV	ROSL	10/13/2016	CULTEC CHAMBER
16367	11	EXETER ST	BBBH	10/13/2016	STORMTECH CHAMBERS
16394	26	GREENVILLE ST	ROXB	10/13/2016	STORMTECH CHAMBERS
13012	24	NORTH MEAD ST	CHAR	10/14/2016	STORMTECH CHAMBERS
16243	9	JEFFRIES ST	EBOS	10/14/2016	DRYWELL
16309	54-56	BELMONT ST	CHAR	10/14/2016	STORMTECH CHAMBERS
16426	4981	WASHINGTON ST	WROX	10/14/2016	DRYWELL
16206	1954	COMMONWEALTH AV	ALBR	10/17/2016	MULTIPLE
16416	5	OAK ST W	CENT	10/17/2016	DRYWELL
16430	11	LINDEN ST	ALBR	10/17/2016	STORMTECH CHAMBERS
16124	20	SUSSEX ST	SEND	10/18/2016	CULTEC CHAMBER
16381	54	HIAWATHA RD	MATP	10/18/2016	DRYWELL
16382	58	HIAWATHA RD	MATP	10/18/2016	DRYWELL
16383	48	MATTAPAN ST	MATP	10/18/2016	DRYWELL
16384	56	MATTAPAN ST	MATP	10/18/2016	DRYWELL
16385	698	WALK HILL ST	MATP	10/18/2016	DRYWELL

Table 3-4. Private Infiltration Devices Approved 2016

PROJECT NO	ADDRESS NUMB	STREET NAME	NEIGHBORHOOD	SIGNATURE DATE	INFILTRATION SYSTEM
16423	53	FOTTLER RD	MATP	10/18/2016	DRYWELL
13398	23	MAYWOOD ST	ROXB	10/19/2016	DRYWELL
14230	56	MAYWOOD ST	ROXB	10/19/2016	DRYWELL
15458	345	HARRISON AV	SEND	10/19/2016	STORMTECH CHAMBERS
16297	14-14A	GENEVA ST	EBOS	10/20/2016	CULTEC CHAMBER
16399	171-173	HAROLD ST	ROXB	10/20/2016	DRYWELL
16400	174-176	HAROLD ST	ROXB	10/20/2016	DRYWELL
16401	109	WAUMBECK ST	ROXB	10/20/2016	DRYWELL
16402	100	WAUMBECK ST	ROXB	10/20/2016	DRYWELL
16403	97	WAUMBECK ST	ROXB	10/20/2016	DRYWELL
16404	96	WAUMBECK ST	ROXB	10/20/2016	DRYWELL
16405	95	WAUMBECK ST	ROXB	10/20/2016	DRYWELL
16407	93	WAUMBECK ST	ROXB	10/20/2016	DRYWELL
16408	98	WAUMBECK ST	ROXB	10/20/2016	DRYWELL
16409	94	WAUMBECK ST	ROXB	10/20/2016	DRYWELL
16410	91	WAUMBECK ST	ROXB	10/20/2016	DRYWELL
16411	113	WAUMBECK ST	ROXB	10/20/2016	DRYWELL
16412	184	HAROLD ST	ROXB	10/20/2016	DRYWELL
16415	126	HOWLAND ST	ROXB	10/20/2016	DRYWELL
16443	4	KEMP ST	SBOS	10/20/2016	STORMTECH CHAMBERS
16340	325-327R	METROPOLITAN AV	ROSL	10/21/2016	CULTEC CHAMBER
16089	17	GOLD ST	SBOS	10/24/2016	DRYWELL
16428	3	MONMOUTH ST	EBOS	10/24/2016	STORMTECH CHAMBERS
16442	10	GLEN ST	NDOR	10/24/2016	DRYWELL
16249	839	BEACON ST	FEKE	10/26/2016	LEACHING BASIN
15170	35-41	LAMBERT ST	ROXB	10/28/2016	CULTEC CHAMBER
16441	176	HUMBOLDT AV	ROXB	10/28/2016	STORMTECH CHAMBERS
16272	73	MOUNT VERNON ST	BBBH	10/31/2016	PERFORATED PIPE
16375	30-30A	MILTON AV	SDOR	10/31/2016	LEACHING BASIN
16376	19	EDSON ST	SDOR	10/31/2016	LEACHING BASIN
16377	15	WHITMAN ST	SDOR	10/31/2016	LEACHING BASIN
16482	769	DORCHESTER AV	NDOR	10/31/2016	STORMTECH CHAMBERS
16483	70	MYRTLE ST	BBBH	10/31/2016	STORMTECH CHAMBERS
16484	19	DAWES ST	NDOR	10/31/2016	STORMTECH CHAMBERS
15280	244	BOWDOIN ST	SDOR	11/3/2016	STORMTECH CHAMBERS
16050	6	UNION PARK	SEND	11/3/2016	CULTEC CHAMBER
16203	100	TYLER ST	CENT	11/3/2016	STORMTECH CHAMBERS
16296	6	WAVERLY ST	ROXB	11/3/2016	LEACHING BASIN
16317	250	WALDEMAR AV	EBOS	11/3/2016	PERFORATED PIPE
16364	100	WESTERN AV	ALBR	11/3/2016	BIO SWALE
16372	56	SUDAN ST	NDOR	11/3/2016	CULTEC CHAMBER
16389	58	MASCOT ST	MATP	11/3/2016	LEACHING BASIN
16429	19-21	MINOT PARK	NDOR	11/3/2016	STORMTECH CHAMBERS
16464	530-532	DORCHESTER AV	SBOS	11/3/2016	DRYWELL
16489	3	HAVEN ST	SEND	11/3/2016	CULTEC CHAMBER
15133	201-205	E ST	SBOS	11/8/2016	PERFORATED PIPE
15381	28	MOUNT VERNON ST	BBBH	11/8/2016	DRYWELL
15445	16	VERRILL ST	MATP	11/8/2016	MULTIPLE
16338	300	PIER 4 BLVD	SBOS	11/8/2016	PERFORATED PIPE

Table 3-4. Private Infiltration Devices Approved 2016

PROJECT NO	ADDRESS NUMB	STREET NAME	NEIGHBORHOOD	SIGNATURE DATE	INFILTRATION SYSTEM
16374	53	WENTWORTH ST	SDOR	11/10/2016	LEACHING BASIN
16380	42	PEACEVALE RD	SDOR	11/10/2016	CULTEC CHAMBER
16388	37	JACOB ST	MATP	11/10/2016	CULTEC CHAMBER
16432	118	ARLINGTON CT	ALBR	11/10/2016	CULTEC CHAMBER
16175	228-230	CENTRE ST	SDOR	11/14/2016	MULTIPLE
16257	6	TIDE ST	SBOS	11/14/2016	PERFORATED PIPE
16391	626	CENTRE ST	JAPL	11/14/2016	DRYWELL
16227	16	EVERDEAN ST	SDOR	11/15/2016	CULTEC CHAMBER
16378	50	PEACEVALE RD	SDOR	11/15/2016	CULTEC CHAMBER
16503	649	EAST BROADWAY	SBOS	11/15/2016	STORMTECH CHAMBERS
16331	80	EVERETT ST	EBOS	11/17/2016	CULTEC CHAMBER
16356	13	ISABELLA ST	CENT	11/17/2016	PERFORATED PIPE
16371	1170	MASSACHUSETTS AV	ROXB	11/17/2016	CULTEC CHAMBER
16451	240	OLD COLONY AV	SBOS	11/17/2016	RAIN GARDEN
16466	36	CUSHING AV	NDOR	11/17/2016	STORMTECH CHAMBERS
16470	184-188	WEST SECOND ST	SBOS	11/17/2016	CULTEC CHAMBER
16472	19	DORSET ST	NDOR	11/17/2016	STORMTECH CHAMBERS
16473	44	UPTON ST	SEND	11/17/2016	DRYWELL
16495	882-892	WASHINGTON ST	CENT	11/17/2016	CULTEC CHAMBER
16516	69	HILBURN ST	ROSL	11/17/2016	STORMTECH CHAMBERS
16413	186	HAROLD ST	ROXB	11/18/2016	DRYWELL
16414	188	HAROLD ST	ROXB	11/18/2016	DRYWELL
16044	132	CHESTNUT HILL AV	ALBR	11/21/2016	CULTEC CHAMBER
16266	236	E ST	SBOS	11/21/2016	TANK/INJECTION WELL
16395	40	GUEST ST	ALBR	11/21/2016	STORMTECH CHAMBERS
16490	22	HILDRETH ST	MATP	11/21/2016	DRYWELL
16491	18	HILDRETH ST	MATP	11/21/2016	DRYWELL
16396	89	PEMBROKE ST	SEND	11/22/2016	CULTEC CHAMBER
16497	1650	COLUMBIA RD	SBOS	11/22/2016	STORMTECH CHAMBERS
16279	273	COLUMBIA RD	ROXB	11/23/2016	CULTEC CHAMBER
16250	125	GUEST ST	ALBR	11/28/2016	STORMTECH CHAMBERS
16387	19-23	DUMAS ST	MATP	11/28/2016	LEACHING BASIN
16424	827	EAST SECOND ST	SBOS	11/28/2016	CULTEC CHAMBER
16465	3381R	WASHINGTON ST	JAPL	11/28/2016	DRYWELL
16533	183	D ST	SBOS	11/28/2016	DRYWELL
12049	797	RIVER ST	HYDE	11/29/2016	LEACHING BASIN
16379	54-56	EDSON ST	SDOR	11/29/2016	LEACHING BASIN
16437	746	SOUTH ST	ROSL	11/29/2016	LEACHING BASIN
16501	137	TEMPLE ST	WROX	11/29/2016	CULTEC CHAMBER
16502	12	PLEASANT VALLEY CIR	WROX	11/29/2016	CULTEC CHAMBER
14075	47	COFFEY ST	SDOR	11/30/2016	DRYWELL
16127	12	LAWRENCE ST	SEND	11/30/2016	CULTEC CHAMBER
16313	2	GARFIELD AV	HYDE	11/30/2016	PERFORATED PIPE
16270	79	PARIS ST	EBOS	12/2/2016	UNKNOWN
16474	617	TREMONT ST	SEND	12/2/2016	CULTEC CHAMBER
16522	43-47	FOREST ST	ROXB	12/2/2016	CULTEC CHAMBER
16048	435	WARREN ST	ROXB	12/3/2016	MULTIPLE
16211	341-343	E ST	SBOS	12/5/2016	PERFORATED PIPE
16325	54-68	DEVONSHIRE ST	CENT	12/5/2016	TANK/INJECTION WELL

Table 3-4. Private Infiltration Devices Approved 2016

PROJECT NO	ADDRESS NUMB	STREET NAME	NEIGHBORHOOD	SIGNATURE DATE	INFILTRATION SYSTEM
16459	126-136	NEWTON ST	ALBR	12/5/2016	MULTIPLE
13107	63	EDGEMERE RD	WROX	12/7/2016	CULTEC CHAMBER
16161	45	FAIRVIEW AV	HYDE	12/7/2016	DETENTION POND
16519	70-72	MOUNT PLEASANT AV	ROXB	12/7/2016	CULTEC CHAMBER
16520	26	FOREST ST	ROXB	12/7/2016	CULTEC CHAMBER
16521	19-21	MOUNT PLEASANT ST	HYDE	12/7/2016	LEACHING BASIN
16299	260	BOLTON ST	SBOS	12/8/2016	MULTIPLE
16535	14	LAWNWOOD PL	CHAR	12/8/2016	CULTEC CHAMBER
16542	29	SENATOR BOLLING CIR	MATP	12/8/2016	PERFORATED PIPE
14444	84	HAMPDEN ST	ROXB	12/12/2016	STORMTECH CHAMBERS
16265	303	SUMNER ST	EBOS	12/12/2016	STORMTECH CHAMBERS
16318	20	TAFT HILL PARK	ROSL	12/12/2016	PERFORATED PIPE
16319	20	TAFT HILL TER	ROSL	12/12/2016	PERFORATED PIPE
16543	17	SENATOR BOLLING CIR	MATP	12/12/2016	PERFORATED PIPE
14438	177	LAKE SHORE RD	ALBR	12/14/2016	CULTEC CHAMBER
16245	8-12	ENTERPRISE ST	NDOR	12/14/2016	MULTIPLE
16540	240	TREMONT ST	CENT	12/14/2016	TANK/INJECTION WELL
16559	7	BAKER CT	NDOR	12/14/2016	DRYWELL
16571	12	SEAVER ST	ROXB	12/14/2016	STORMTECH CHAMBERS
16436	17	BARRETT AV	SBOS	12/15/2016	CULTEC CHAMBER
16140	632-638	CENTRE ST	JAPL	12/19/2016	DRYWELL
16517	98	WILLOWWOOD ST	MATP	12/19/2016	DRYWELL
16328	21	SYLVESTER RD	SDOR	12/21/2016	CULTEC CHAMBER
16529	24	WILLET ST	WROX	12/21/2016	CULTEC CHAMBER
16454	7	BREWER ST	JAPL	12/22/2016	CULTEC CHAMBER
16558	278-280	GOLD ST	SBOS	12/28/2016	DRYWELL
16468	44	NEWMARKET SQ	NDOR	12/29/2016	LEACHING BASIN
16492	31	HILLSIDE ST	JAPL	12/29/2016	CULTEC CHAMBER

Table 3-5. Privately Owned Grit Chambers Approved in 2016

PROJECT NO	ADDRESS #	STREET NAME	NEIGHBORHOOD	SIGNATURE DATE
14378	80	PIERS PARK LN	EBOS	2/25/2016
15179	160	MOUNT VERNON ST	NDOR	3/11/2016
16047	190-210	PIER 4 BLVD	SBOS	4/28/2016
15363	627	COLUMBUS AV	SEND	4/29/2016
13432	1	NASHUA ST	CENT	5/13/2016
14436	30	NORTHAMPTON ST	SEND	5/13/2016
15322	35-65	LEWIS ST	EBOS	5/17/2016
15396	381-385	CHESTNUT HILL AV	ALBR	5/24/2016
14333	20	NONANTUM RD	ALBR	6/2/2016
16167	2493	WASHINGTON ST	ROXB	6/2/2016
16226	171-181	BOWDOIN ST	SDOR	7/29/2016
15472	300	BROOKLINE AV	FEKE	8/17/2016
15046	928	EAST BROADWAY	SBOS	9/9/2016
15315	50	LIBERTY DR	SBOS	9/12/2016
15245	223-237	ALBANY ST	SEND	9/27/2016
16323	1591	HYDE PARK AV	HYDE	10/21/2016
16317	250	WALDEMAR AV	EBOS	11/3/2016
16257	6	TIDE ST	SBOS	11/14/2016
16044	132	CHESTNUT HILL AV	ALBR	11/21/2016
16048	435	WARREN ST	ROXB	12/3/2016
14438	177	LAKE SHORE RD	ALBR	12/14/2016

TABLE 5-1. Particle Separator Cleaning-Material Removed 2005-2016

Location	Neighborhood	Receiving Water	2005-Material Removed (cubic yards)	2006-Material Removed (cubic yards)	2007-Material Removed (cubic yards)	2008-Material Removed (cubic yards)	2009-Material Removed (cubic yards)	2010 Material Removed (cubic yards) Misc. dates	3/10/2010	4/13/2010	5/25/2010	6/13/2010	7/20/2010	9/16/2010	10/21/2010	10/29/2010	2011 Material Removed (cubic yards) Various dates	2012 Material Removed (cubic yards) Various dates	2013 Material Removed (cubic yards) Various dates	2014 Material Removed (cubic yards) Various dates	2015 Material Removed (cubic yards) Various dates	2016 Material Removed (cubic yards) Various dates	TOTAL MATERIAL REMOVED (cubic yards)
Aroboretum	Jamaica Plain	Bussy Brook	ot cleane	1.00	2.50	0.25	1.00	3.00									1.50	0.50	0.50	ning not needec	0.50	0.50	10.25
Centre Lane	WROX	Wetlands	0.25	0.25	0.75	0.25	0.10	0.25									0.05	0.00	Cleaning not needed	Cleaning not needed	Cleaning not needed	0.25	1.90
Centre St.	WROX	Wetlands	0.50	0.50	0.50	0.00	0.50	0.00									0.25	NA	0.25	ning not needec	Cleaning not needed	0.25	2.50
Coleridge St.	East Boston	Boston Harbor	0.25	0.25	0.50	2.00	0.25	2.50									0.01	0.00	0.50	2.00	Cleaning not needed	0.50	6.26
Coniston Rd.	Roslindale	Stony Brook Conduit	0.25	0.50	0.00	0.00	0.00	0.00									0.00	0.00	Cleaning not needed	Cleaning not needed	Cleaning not needed	Cleaning not needed	0.75
Denny St.	Dorchester	Malibu Beach	0.25	0.75	1.00	0.00	1.00	0.12									0.15	0.00	Cleaning not needed	0.25	Cleaning not needed	Cleaning not needed	3.27
Ericsson St.	Dorchester	Neponset River	0.25	0.25	0.25	0.00	0.25	0.15									0.20	0.00	Cleaning not needed	Cleaning not needed	Cleaning not needed	0.25	1.35
Fenwood Rd.	Roxbury	Muddy River	2.00	4.00	0.50	0.25	2.25		0.25		0.02	1.50	0.15	0.15		0.12	0.25	0.00	0.25	ning not needec	Cleaning not needed	0.25	11.69
Lawley St.	Dorchester	Pine Neck Creek	0.25	0.25	0.15	0.03	0.25	0.50									0.01	0.00	Cleaning not needed	Cleaning not needed	Cleaning not needed	0.25	1.44
Martha Rd.	Central	Charles River																0.25	0.25	ning not needec	Cleaning not needed	Cleaned but amount not recorded	0.50
Neponset Ave.	Dorchester	Neponset River	2.00	2.75	1.50	0.50	1.50	2.00									0.50	0.00	Cleaning not needed	Cleaning not needed	Cleaning not needed	Cleaning not needed	10.75
Norton St.	Hyde Park	Open Channel	0.25	0.50	0.50	0.03	0.13	0.25									0.00	0.00	Cleaning not needed	Cleaning not needed	Cleaning not needed	Cleaning not needed	1.66
Perkins St.	Jamaica Plain	Jamaica Pond	0.25	0.25	1.50	0.00	1.50	2.00									0.00	0.00	0.50	ning not needec	Cleaning not needed	0.50	6.00
Waldemar Ave.	East Boston	Belle Isle Inlet	1.00	0 or not recorded	0.25	0.25	0.10	0.12									0.00	0.00	Cleaning not needed	Cleaning not needed	Cleaning not needed	Cleaning not needed	1.72
Waldemar Ave.	East Boston	Belle Isle Inlet	1.00	0 or not recorded	0.50	0.25	0.75	1.00									0.01	0.00	Cleaning not needed	Cleaning not needed	Cleaning not needed	0.25	3.51
Walter St.	Roslindale	Wetlands	0.25	Not cleaned	0.50	0.01	0.25		0.15	0.25	0.01		0.10	0.01	0.10		0.00	0.25	0.25	ning not needec	0.25	0.00	2.13
TOTALS			8.75	11.25	10.90	3.81	9.83	11.89	0.40	0.25	0.03	1.50	0.25	0.16	0.10	0.12	2.92	1.00	2.50	2.25	0.75	3.00	65.66

Table 7-1. 2012 Stormwater Model - Mean Annual Pollutant Loads for Boston's 27 Reporting Areas

Reporting Area Name	Drainage Area	Mean Flow	BOD 5	COD	TKN	Nitrate-Nitrite as N	Ammonia as N	Total Phosphorus	Ortho-phosphate as P	Total Copper	Total Zinc	TSS	E Coli	Enterococcus	Fecal Coliform
	Acres	CFS/yr	lb/yr										10^9 CFU/yr		
West Roxbury	889	2.37	14,028	63,894	2,215	7,695	679	308	82	19	63	29,427	115,093	73,017	99,765
Sawmill Brook	1277	6.12	25,223	111,598	4,610	21,366	1,481	689	194	35	107	53,139	169,381	111,714	147,072
Mid-Charles total	**2166**	**8.49**	**39,251**	**175,492**	**6,824**	**29,061**	**2,160**	**998**	**276**	**54**	**170**	**82,566**	**284,474**	**184,731**	**246,837**
Upper Stony	1832	4.76	25,517	116,162	4,537	11,003	1,462	610	176	35	108	56,961	195,192	118,118	163,714
Canterbury Brook	1889	7.01	102,193	376,759	16,955	21,891	9,627	2,812	909	74	234	145,004	635,362	295,512	890,923
Roslindale Branch	1199	2.09	38,913	165,714	5,930	5,686	2,677	835	249	36	113	70,307	306,891	140,819	314,951
Bussey Brook	839	1.13	6,704	17,754	1,031	2,313	405	148	45	7	15	9,885	18,068	13,573	21,458
Goldsmith Brook	746	1.36	13,530	64,412	2,085	4,068	651	295	69	18	58	30,010	109,971	68,121	87,133
Lower Stony	2165	5.54	72,827	277,964	11,330	16,228	6,266	1,803	601	76	268	110,565	420,530	179,517	491,573
Stony Brook total	**8670**	**22**	**259,685**	**1,018,765**	**41,866**	**61,189**	**21,088**	**6,502**	**2,051**	**245**	**797**	**422,733**	**1,686,014**	**815,660**	**1,969,753**
Village Brook Boston	787	2.65	14,590	50,106	2,390	8,624	1,206	450	130	14	47	20,440	95,024	63,473	139,033
Village Brook Brookline	2061	5.53	47,587	211,867	7,861	18,837	3,231	1,053	339	52	157	90,411	372,252	179,473	317,679
Other Muddy River	1785	7.95	82,671	270,542	12,683	7,733	6,658	2,600	645	99	362	120,510	344,192	212,280	365,787
Muddy River total	**4633**	**16**	**144,847**	**532,515**	**22,935**	**35,195**	**11,096**	**4,103**	**1,114**	**165**	**565**	**231,362**	**811,468**	**455,225**	**822,499**
Faneuil Brook	1316	2.66	40,450	186,467	6,960	7,030	2,750	990	264	47	152	88,573	336,100	169,342	294,366
Shepard Brook	415	1.25	22,114	106,379	3,116	2,876	911	591	90	29	117	48,529	199,314	130,916	152,862
Smelt Brook	846	1.64	32,776	175,163	4,911	4,035	1,168	834	117	47	170	81,245	331,610	211,548	206,479
Allston-Brighton	796	2.30	22,684	80,263	2,767	6,195	1,330	499	133	26	104	33,812	125,438	94,630	165,449
Millers River	208	1.57	15,716	65,888	1,891	3,732	575	383	60	18	76	29,967	119,979	88,372	95,414
Other Lower Charles total	**3581**	**9**	**133,740**	**614,159**	**19,645**	**23,868**	**6,734**	**3,297**	**664**	**167**	**619**	**282,126**	**1,112,441**	**694,808**	**914,570**
Lower Charles Basin total	**19050**	**56**	**577,523**	**2,340,931**	**91,270**	**149,313**	**41,078**	**14,900**	**4,105**	**632**	**2,152**	**1,018,788**	**3,894,397**	**2,150,425**	**3,953,659**
Mother Brook	441	0.89	10,303	40,028	1,604	2,757	775	239	75	9	27	16,586	72,716	39,695	88,018
Hyde Park	1766	3.68	47,075	224,150	7,358	10,903	2,528	1,030	256	54	187	101,006	388,464	213,159	304,092
Oakland Brook	519	1.78	18,211	79,542	2,951	5,882	1,254	407	127	19	57	33,949	149,837	71,668	150,633
Mattapan Brook	304	0.77	13,478	55,661	2,064	2,195	991	286	93	12	40	23,194	99,823	45,419	109,388
Lower Neponset	843	2.24	26,315	115,997	4,100	6,813	1,579	606	159	29	96	51,052	210,044	118,935	192,551
Tenean Creek	873	2.13	106,614	399,865	16,800	5,670	10,123	2,379	897	65	202	149,087	679,235	228,744	895,467
Davenport Creek	712	1.49	24,295	117,246	3,733	4,141	1,267	545	123	29	97	52,691	216,336	116,075	171,873
Neponset River total	**5458**	**11**	**221,995**	**915,243**	**34,877**	**34,220**	**17,250**	**4,946**	**1,606**	**187**	**609**	**374,873**	**1,600,119**	**717,619**	**1,740,148**
Charlestown	556	2.25	69,573	382,135	10,563	5,066	2,619	1,962	255	103	386	174,040	776,735	516,956	512,302
East Boston	438	1.51	43,225	223,062	6,964	4,154	2,250	1,102	214	54	185	99,394	431,965	251,732	313,268
Downtown	473	2.18	58,292	220,832	7,871	3,242	4,004	1,487	360	46	228	90,824	395,945	216,214	484,454
Dorchester	1124	3.79	84,325	372,297	12,981	10,311	5,532	2,303	520	88	334	158,255	689,410	400,141	684,621

Table 7-2. Annual[1] Load Reduction Based on Illicit Discharge Removal in 2012 and 2013

Reporting Area Name	Drainage Area	Number Illicits Removed	Flow Removed	Total Phosphorus Removed	E Coli Removed	Entero-coccus Removed	Fecal Coliform Removed
	Acres		gpd	lb/yr	10^9 CFU/yr		
West Roxbury	889	4	349	9	2,119	316	3,864
Sawmill Brook	1,277	11	698	20	2,732	355	5,160
Mid-Charles total	**2,166**	**15**	**1047**	**28**	**4,851**	**671**	**9,024**
Upper Stony	1,832	20	1888	47	10,946	1,444	20,486
Canterbury Brook	1,889	16	12853	324	70,155	9,206	131,071
Roslindale Branch	1,199	17	1438	77	17,647	2,318	32,952
Bussey Brook	839	3	106	19	3,345	443	6,147
Goldsmith Brook	746	6	524	10	1,676	161	3,332
Lower Stony	2,165	4	1723	114	0	1,701	0
Stony Brook total	**8,670**	**66**	**18532**	**591**	**103,769**	**15,273**	**193,988**
Village Brook Boston	787	0	0	0	0	0	0
Village Brook Brookline	2,061	2	217	4	943	0	2,037
Other Muddy River	1,785	7	712	13	0	669	0
Muddy River total	**4,633**	**9**	**929**	**17**	**835**	**659**	**1,288**
Faneuil Brook	1,316	21	1739	51	12,378	1,765	22,730
Shepard Brook	415	2	657	16	3,755	462	7,092
Smelt Brook	846	8	904	25	5,911	737	11,097
Allston-Brighton	796	2	185	4	928	108	1,752
Millers River	208	1	27	1	316	32	607
Other Lower Charles total	**3,581**	**34**	**3512**	**98**	**23,287**	**3,104**	**43,279**
Lower Charles Basin total	**19,050**	**124**	**24020**	**734**	**132,742**	**19,707**	**247,578**
Mother Brook	441	2	1145	25	5,966	799	11,123
Hyde Park	1,766	17	5524	112	26,950	3,526	50,414
Oakland Brook	519	6	413	11	2,676	376	4,936
Mattapan Brook	304	7	1441	42	10,025	1,360	18,623
Lower Neponset	843	4	416	13	2,991	352	5,691
Tenean Creek	873	8	4856	109	25,112	3,238	47,097
Davenport Creek	712	3	277	9	2,021	246	3,825
Neponset River total	**5,458**	**47**	**14072**	**321**	**75,740**	**9,896**	**141,709**
Charlestown	556	4	486	10	2,482	389	4,484
East Boston	438	27	1840	42	10,047	1,291	18,857
Downtown	473	2	1168	32	7,548	1,007	14,071
Dorchester	1,124	2	508	14	3,193	421	5,944

Notes: **1. Based on 2007-2009 precipitation using BWSC precipitation gage network**

Table 7-3. Annual[1] Load Reduction Based on Illicit Discharge Removal in 2014

Reporting Area Name	Drainage Area	Number Illicits Removed	Flow Removed	Total Phosphorus Removed	E Coli Removed	Entero-coccus Removed	Fecal Coliform Removed
	Acres		gpd	lb/yr	10^9 CFU/yr		
West Roxbury	889	3	53	1	322	55	564
Sawmill Brook	1,277	4	223	8	1,347	184	2,503
Mid-Charles total	**2,166**	**7**	**276**	**9**	**1,669**	**239**	**3,067**
Upper Stony	1,832	7	299	8	1,753	243	3,237
Canterbury Brook	1,889	10	1259	32	6,962	922	12,987
Roslindale Branch	1,199	3	115	8	2,409	293	4,682
Bussey Brook[2]	839	1	366	9	1,236	203	2,014
Goldsmith Brook	746	2	126	4	685	133	1,155
Lower Stony	2,165	0	0	0	0	0	0
Stony Brook total	**8,670**	**23**	**2165**	**56**	**9,888**	**1,159**	**18,558**
Village Brook Boston	787	0	0	0	0	0	0
Village Brook Brookline	2,061	1	602	13	3,031	329	5,815
Other Muddy River	1,785	1	265	9	1,667	118	3,333
Muddy River total	**4,633**	**2**	**867**	**22**	**2,212**	**447**	**4,478**
Faneuil Brook	1,316	17	1938	47	10,921	1,208	20,996
Shepard Brook	415	2	525	14	3,265	430	6,084
Smelt Brook	846	3	221	3	696	93	1,297
Allston-Brighton	796	0	0	0	0	0	0
Millers River	208	0	0	0	0	0	0
Other Lower Charles total	**3,581**	**22**	**2684**	**63**	**14,882**	**1,731**	**28,377**
Lower Charles Basin total	**19,050**	**54**	**5992**	**150**	**28,651**	**3,576**	**54,480**
Mother Brook	441	5	393	10	2,361	311	4,364
Hyde Park[2]	1,766	5	459	10	2,410	307	4,527
Oakland Brook	519	3	262	7	1,666	238	3,061
Mattapan Brook	304	4	447	11	2,477	284	4,737
Lower Neponset	843	2	193	4	1,012	133	1,891
Tenean Creek	873	8	776	19	4,274	526	8,084
Davenport Creek	712	0	0	0	0	0	0
Neponset River total	**5,458**	**27**	**2530**	**52**	**12,063**	**1,519**	**22,672**
Charlestown	556	0	0	0	0	0	0
East Boston[2]	438	10	465	11	2,560	316	4,840
Downtown[2]	473	2	32630	709	171,904	22,550	321,357
Dorchester	1,124	2	190	4	1,024	170	1,821

Notes: **1. Based on 2007-2009 precipitation using BWSC precipitation gage network**

Table 7-4. Annual[1] Load Reduction Based on Illicit Discharge Removal in 2015

Reporting Area Name	Drainage Area	Number Illicits Removed	Flow Removed	Total Phosphorus	E Coli	Entero-coccus	Fecal Coliform
	Acres		gpd	lb/yr	10^9 CFU/yr		
West Roxbury	889	1	56	3	625	87	1,133
Sawmill Brook	1,277	8	409	20	3,047	417	5,691
Mid-Charles total	**2,166**	**9**	**465**	**22**	**3,672**	**504**	**6,824**
Upper Stony	1,832	4	156	10	2,171	297	4,028
Canterbury Brook	1,889	5	402	43	9,193	1,224	17,163
Roslindale Branch	1,199	6	258	19	5,084	742	9,472
Bussey Brook[2]	839	12	1326	35	4,317	640	7,033
Goldsmith Brook	746	1	12	4	625	62	1,214
Lower Stony[3]	2,165	0	0	96	15,379	1,943	28,051
Stony Brook total	**8,670**	**28**	**2154**	**207**	**36,769**	**4,908**	**66,961**
Village Brook Boston	787	0	0	0	0	0	0
Village Brook Brookline	2,061	1	188	17	3,925	417	7,604
Other Muddy River	1,785	3	1472	18	134	446	334
Muddy River total	**4,633**	**4**	**1660**	**35**	**4,059**	**863**	**7,938**
Faneuil Brook[2]	1,316	9	1760	84	19,929	2,388	37,832
Shepard Brook	415	0	0	0	0	0	0
Smelt Brook	846	1	43	4	985	127	1,846
Allston-Brighton	796	0	0	0	0	0	0
Millers River	208	0	0	0	0	0	0
Other Lower Charles tota	**3,581**	**10**	**1803**	**89**	**20,914**	**2,516**	**39,678**
Lower Charles Basin tota	**19,050**	**51**	**6082**	**353**	**65,414**	**8,790**	**121,400**
Mother Brook	441	0	0	0	0	0	0
Hyde Park	1,766	0	0	0	0	0	0
Oakland Brook	519	3	517	21	4,894	660	9,101
Mattapan Brook	304	2	36	13	2,650	329	4,986
Lower Neponset[2]	843	1	192	8	2,017	265	3,769
Tenean Creek	873	1	202	24	5,535	662	10,516
Davenport Creek	712	19	1536	88	20,580	2,678	38,491
Neponset River total	**5,458**	**26**	**2483**	**154**	**35,677**	**4,595**	**66,863**
Charlestown	556	0	0	0	0	0	0
East Boston[2]	438	2	4328	100	22,740	2,999	42,487
Downtown	473	2	631	83	3,552	490	6,574
Dorchester	1,124	0	0	0	0	0	0
TOTAL	**27,099**	**81**	**13,524**	**691**	**127,383**	**16,874**	**237,324**

Notes: **1. Based on 2007-2009 precipitation using BWSC precipitation gage network**

2. Includes additional flow not in model as summarized in Table 2.

there is a flow split. A portion of this flow goes to the 23I023 outfall in

Table 7-5. Annual[1] Load Reduction Based on Illicit Discharge Removal in 2016

Reporting Area Name	Drainage Area	Number Illicits Removed	Flow Removed	Total Phosphorus	E Coli	Entero-coccus	Fecal Coliform
	Acres		gpd	lb/yr	10^9 CFU/yr		
West Roxbury	889	1	32	1	185	27	345
Sawmill Brook	1,277	3	114	1	96	10	207
Mid-Charles total	**2,166**	**4**	**146**	**2**	**281**	**38**	**552**
Upper Stony	1,832	0	0	0	0	0	0
Canterbury Brook	1,889	18	4,759	118	25,498	3,329	47,675
Roslindale Branch	1,199	1	234	26	4,491	476	8,463
Bussey Brook[2]	839	9	654	4	2,617	349	4,837
Goldsmith Brook	746	4	365	9	2,096	324	3,786
Lower Stony	2,165	1	40	173	35,350	4,820	65,801
Stony Brook total	**8,670**	**33**	**6052**	**330**	**70,052**	**9,298**	**130,563**
Village Brook Boston	787	0	0	0	0	0	0
Village Brook Brookline	2,061	0	0	0	0	0	0
Other Muddy River	1,785	5	536	14	987	316	2,004
Muddy River total	**4,633**	**5**	**536**	**14**	**987**	**316**	**2,004**
Faneuil Brook	1,316	5	1,264	35	8,289	1,131	15,355
Shepard Brook	415	2	1,204	22	5,246	682	9,846
Smelt Brook	846	9	2,181	17	4,077	589	7,520
Allston-Brighton	796	2	632	12	2,992	383	5,612
Millers River	208	0	0	0	0	0	0
Other Lower Charles total	**3,581**	**18**	**5281**	**86**	**20,604**	**2,785**	**38,334**
Lower Charles Basin total	**19,050**	**60**	**12015**	**432**	**91,924**	**12,437**	**171,452**
Mother Brook	441	2	157	4	869	106	1,635
Hyde Park	1,766	1	63	1	331	39	630
Oakland Brook	519	2	382	4	1,005	103	1,961
Mattapan Brook	304	4	1,218	24	5,534	709	10,409
Lower Neponset	843	1	36	1	197	31	355
Tenean Creek	873	1	984	23	5,385	706	10,067
Davenport Creek[2]	712	15	1448	15	8,458	1,092	15,826
Neponset River total	**5,458**	**26**	**4288**	**72**	**21,780**	**2,787**	**40,882**
Charlestown	556	0	0	0	0	0	0
East Boston	438	1	94	2	561	74	1,045
Downtown	473	2	528	12	2,827	291	5,443
Dorchester	1,124	4	484	11	2,664	357	4,973
TOTAL	**27,099**	**93**	**17,409**	**529**	**119,755**	**15,945**	**223,795**

Notes:

1. Based on 2007-2009 precipitation using BWSC precipitation gage network

2. Includes additional flow not in model as summarized in Table 2.

Table 7-6. Annual[1] Loads as of End 2016 Subsequent to Illicit Discharge Removal

Reporting Area Name	Drainage Area	Mean Flow	Total Phosphorus	E Coli	Enterococcus	Fecal Coliform
	Acres	cfs	lb/yr	10^9 CFU/yr		
West Roxbury	889	2	295	109,722	72,215	89,997
Sawmill Brook	1,277	6	641	160,017	110,465	129,454
Mid-Charles total	**2,166**	**8**	**936**	**269,739**	**182,680**	**219,450**
Upper Stony	1,832	5	545	174,681	115,360	125,487
Canterbury Brook	1,889	7	2,295	455,595	271,932	555,018
Roslindale Branch	1,199	2	704	272,750	136,366	251,070
Bussey Brook	839	1	92	9,283	12,297	6,528
Goldsmith Brook	746	1	267	102,345	67,161	72,703
Lower Stony	2,165	6	1,420	340,598	169,473	342,145
Stony Brook total	**8,670**	**22**	**5,323**	**1,355,252**	**772,589**	**1,352,952**
Village Brook Boston	787	3	450	95,024	63,473	139,033
Village Brook Brookline	2,061	6	1,018	363,411	178,748	300,185
Other Muddy River	1,785	8	2,547	341,620	210,060	361,615
Muddy River total	**4,633**	**16**	**4,015**	**800,055**	**452,281**	**800,833**
Faneuil Brook	1,316	3	776	280,746	162,519	189,852
Shepard Brook	415	1	540	187,049	129,341	129,840
Smelt Brook	846	2	785	319,941	210,002	184,719
Allston-Brighton	796	2	483	121,519	94,139	158,085
Millers River	208	2	382	119,347	88,309	94,199
Other Lower Charles total	**3,581**	**9**	**2,966**	**1,028,602**	**684,310**	**756,694**
Lower Charles Basin total	**19,050**	**56**	**13,239**	**3,453,648**	**#######**	**3,129,930**
Mother Brook	441	1	200	63,520	38,478	70,896
Hyde Park	1,766	4	907	350,891	208,272	233,733
Oakland Brook	519	2	364	138,531	70,141	129,612
Mattapan Brook	304	1	196	69,113	41,377	52,009
Lower Neponset	843	2	581	203,997	118,190	181,141
Tenean Creek	873	2	2,204	638,928	223,612	819,703
Davenport Creek	712	1	432	184,810	112,016	112,802
Neponset River total	**5,458**	**13**	**4,884**	**1,649,789**	**812,087**	**1,599,896**
Charlestown	556	2	1,763	698,236	464,680	455,179
East Boston	438	2	1,034	412,780	249,240	277,316
Downtown	473	2	651	206,500	191,393	130,275
Dorchester	1,124	4	2,274	682,529	399,193	671,883
TOTAL	**27,099**	**78**	**23,844**	**7,103,482**	**4,208,453**	**6,264,479**

Notes: **1. Based on 2007-2009 precipitation using BWSC precipitation gage network**

N
W E
S

ARLINGTON
BELMONT
MEDFORD
SOMERVILLE
EVERETT
CHELSEA
REVERE
WINTHROP
WALTHAM
WATERTOWN
CAMBRIDGE
NEWTON
BROOKLINE
BOSTON
QUINCY
NEEDHAM
DEDHAM
MILTON
WESTWOOD
CANTON

LEGEND

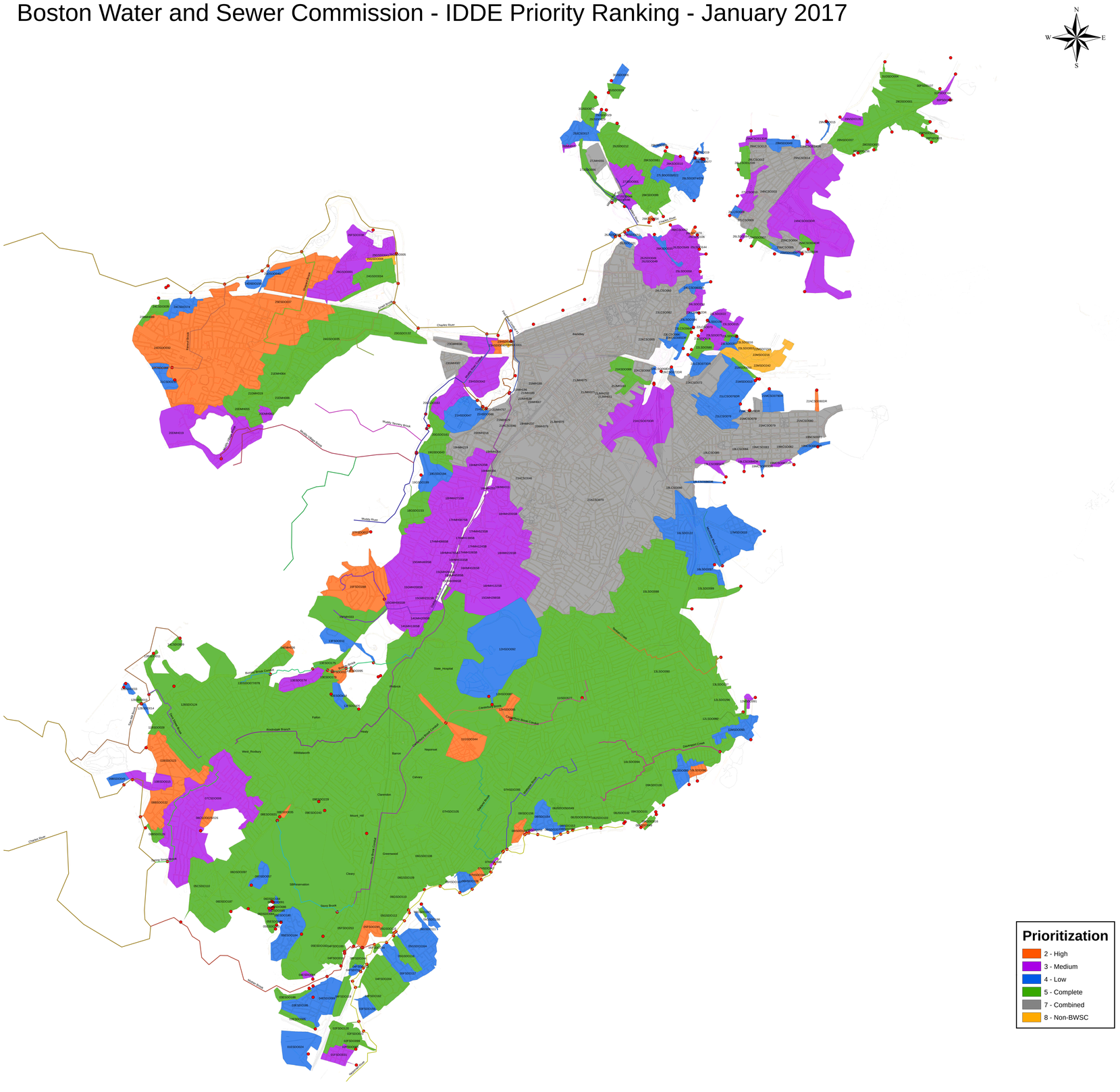
- BWSC INTERCONNECTIONS
- CSO
- STORM DRAIN
- STONYBROOK BASINS
- SUB-CATCHMENT AREAS

Figure 1-1

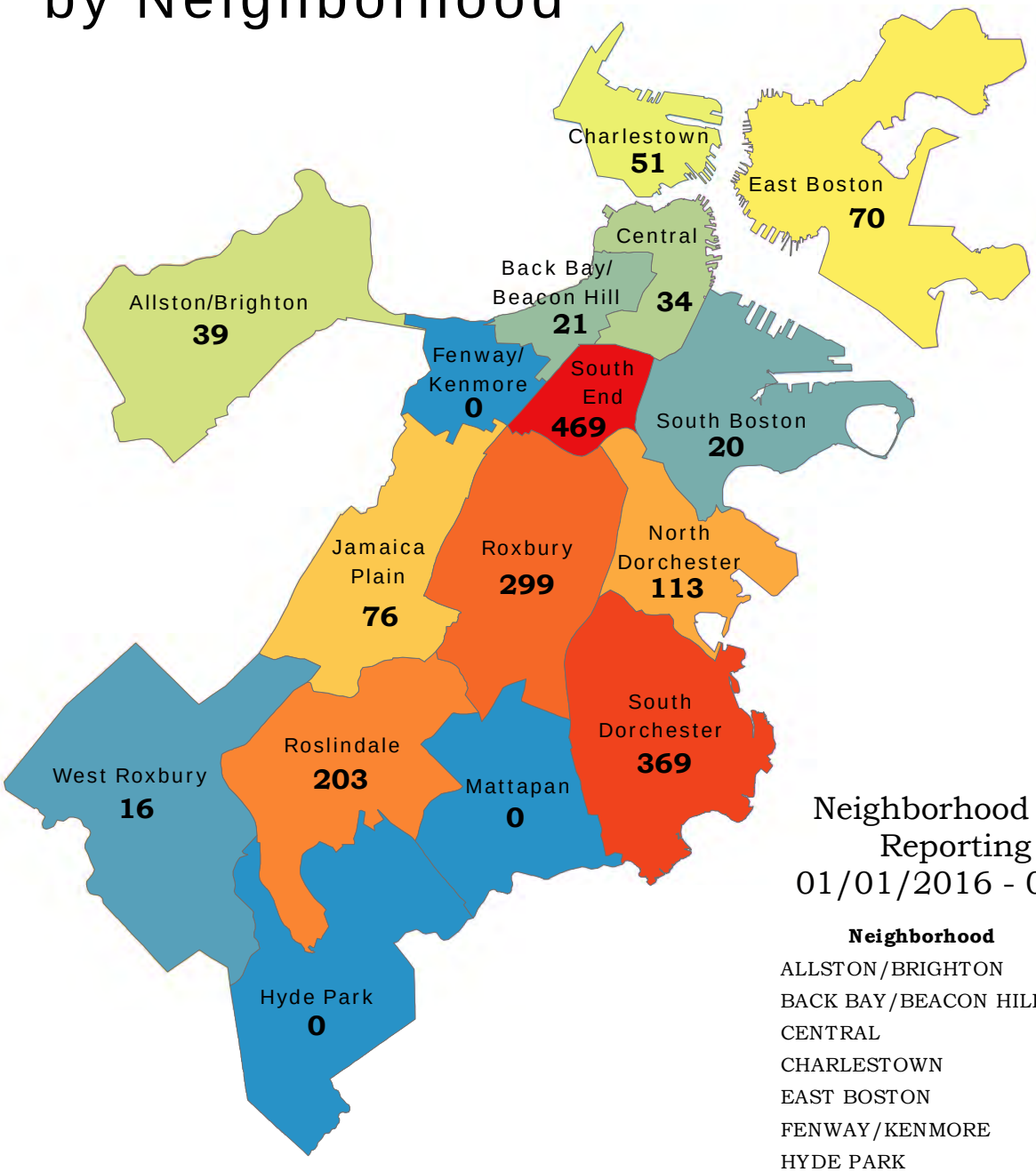
LOCATIONS OF OUTFALLS AND SUB-CATCHMENT AREAS

December 2016 **Boston Water & Sewer Commission**

Boston Water and Sewer Commission - IDDE Priority Ranking - January 2017



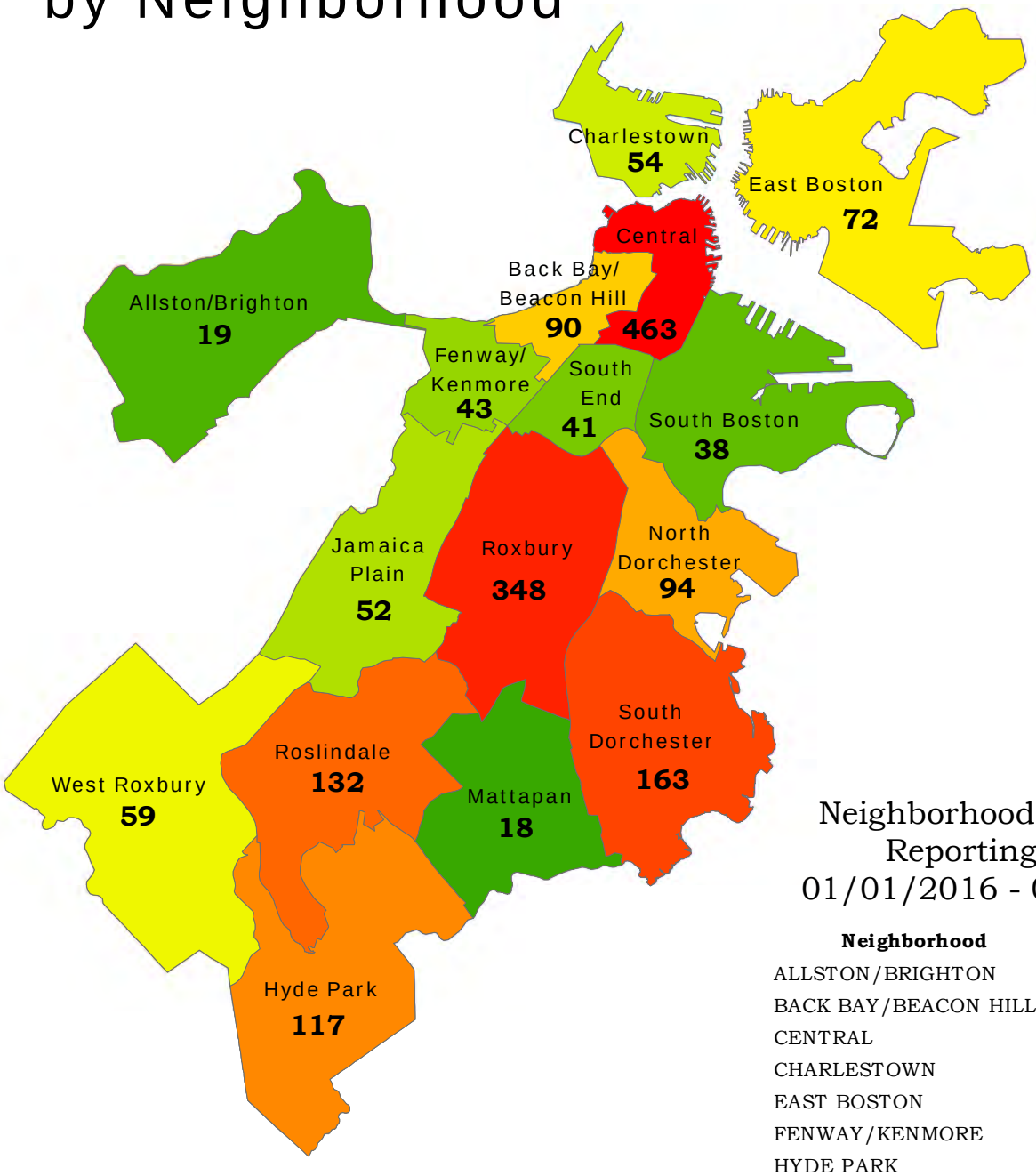
Community Outreach Education Tracking by Neighborhood



Neighborhood Counts for Reporting Period 01/01/2016 - 06/30/2016

Neighborhood	Total Students
ALLSTON/BRIGHTON	39
BACK BAY/BEACON HILL	21
CENTRAL	34
CHARLESTOWN	51
EAST BOSTON	70
FENWAY/KENMORE	0
HYDE PARK	0
JAMAICA PLAIN	76
MATTAPAN	0
NORTH DORCHESTER	113
ROSLINDALE	203
ROXBURY	299
SOUTH BOSTON	20
SOUTH DORCHESTER	369
SOUTH END	469
WEST ROXBURY	16

Community Outreach Material Tracking by Neighborhood



Neighborhood Counts for Reporting Period 01/01/2016 - 06/30/2016

Neighborhood	Total Touches
ALLSTON/BRIGHTON	19
BACK BAY/BEACON HILL	90
CENTRAL	463
CHARLESTOWN	54
EAST BOSTON	72
FENWAY/KENMORE	43
HYDE PARK	117
JAMAICA PLAIN	52
MATTAPAN	18
NORTH DORCHESTER	94
ROSLINDALE	132
ROXBURY	348
SOUTH BOSTON	38
SOUTH DORCHESTER	163
SOUTH END	41
WEST ROXBURY	59