

**Year 4 Annual Report**  
**Massachusetts Small MS4 General Permit**  
**Reporting Period: July 1, 2021-June 30, 2022**

*\*\*Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form\*\**

*Unless otherwise noted, all fields are required to be filled out. If a field is left blank, it will be assumed the requirement or task has not been completed. Please ONLY report on activities between July 1, 2021 and June 30, 2022 unless otherwise requested.*

**Part I: Contact Information**

Name of Municipality or Organization:

EPA NPDES Permit Number:

**Primary MS4 Program Manager Contact Information**

Name:  Title:

Street Address Line 1:

Street Address Line 2:

City:  State:  Zip Code:

Email:  Phone Number:

**Stormwater Management Program (SWMP) Information**

SWMP Location (web address):

Date SWMP was Last Updated:

If the SWMP is not available on the web please provide the physical address:

## Part II: Self-Assessment

First, in the box below, select the impairment(s) and/or TMDL(s) that are applicable to your MS4. Make sure you are referring to the most recent EPA approved Section 303(d) Impaired Waters List which can be found here:

<b>Impairment(s)</b>			
<input checked="" type="checkbox"/> Bacteria/Pathogens	<input type="checkbox"/> Chloride	<input type="checkbox"/> Nitrogen	<input type="checkbox"/> Phosphorus
<input checked="" type="checkbox"/> Solids/ Oil/ Grease (Hydrocarbons)/ Metals			
<b>TMDL(s)</b>			
<i>In State:</i>	<input type="checkbox"/> Assabet River Phosphorus	<input checked="" type="checkbox"/> Bacteria and Pathogen	<input type="checkbox"/> Cape Cod Nitrogen
	<input checked="" type="checkbox"/> Charles River Watershed Phosphorus	<input type="checkbox"/> Lake and Pond Phosphorus	
<i>Out of State:</i>	<input type="checkbox"/> Bacteria/Pathogens	<input type="checkbox"/> Metals	<input type="checkbox"/> Nitrogen
			<input type="checkbox"/> Phosphorus
			<b>Clear Impairments and TMDLs</b>

Next, check off all requirements below that have been completed. **By checking each box you are certifying that you have completed that permit requirement fully.** If you have not completed a requirement leave the box unchecked. Additional information will be requested in later sections.

### Year 4 Requirements

- Developed a report assessing current street design and parking lot guidelines and other local requirements within the municipality that affect the creation of impervious cover, made it available as part of the SWMP, and:

- No updates were recommended
- Updates were recommended. The anticipated date or date of completion for updates is/was:

- Developed a report assessing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist, made it available as part of the SWMP, and:

- No updates were recommended
- Updates were recommended. The anticipated date or date of completion for updates is/was:

- Identified a minimum of 5 permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious cover

*Optional:* If you would like to describe progress made on any incomplete requirements listed above, provide an update on previous incomplete milestones, or provide any additional details, please use the box below:

*The Town and their consultant is in the process of assessing current street design and parking lot guidelines as well as local regulations to determine the feasibility of green infrastructure practices. These BMPs are currently in progress and the SWMP will be modified to reflect the completion of the BMP and the location of where the reports can be reviewed upon completion. Expected completion in Permit Year 5.*

Annual Requirements

- Provided an opportunity for public participation in review and implementation of SWMP and complied with State Public Notice requirements
- Kept records relating to the permit available for 5 years and made available to the public
- The SSO inventory has been updated, including the status of mitigation and corrective measures implemented
  - This is not applicable because we do not have sanitary sewer
  - This is not applicable because we did not find any new SSOs
  - The updated SSO inventory is attached to the email submission
  - The updated SSO inventory can be found at the following website:
- Updated system map due in year 2 as necessary
- Provided training to employees involved in IDDE program within the reporting period
- Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters
- All curbed roadways were swept at least once within the reporting period
- Enclosed all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities
- Updated inventory of all permittee owned facilities as necessary
- O&M programs for all permittee owned facilities have been completed and updated as necessary
- Implemented all maintenance procedures for permittee owned facilities in accordance with O&M programs
- Implemented program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- Inspected all permittee owned treatment structures (excluding catch basins)

*Optional:* If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

*The Town completed SPCC and SWPPP trainings for DPW staff on August 4, 2022. Opportunistic trainings are provided throughout the year in the field and/or office during implementation of drainage infrastructure related work.*

**Bacteria/ Pathogens** (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)Annual Requirements*Public Education and Outreach\**

- Annual message was distributed encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- Permittee or its agents disseminated educational material to dog owners at the time of issuance or renewal of dog license, or other appropriate time

- Provided information to owners of septic systems about proper maintenance in any catchment that discharges to a water body impaired for bacteria

*\* Public education messages can be combined with other public education requirements as applicable (see Appendix H and F for more information)*

*Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:*

*2,747 messages regarding pet waste management and 68 messages regarding septic system management were distributed via Viewpoint Cloud. An additional 105 septic education flyers were distributed at the Health Department and DPW.*

### **Solids, Oil and Grease (Hydrocarbons), or Metals**

#### Annual Requirements

*Good Housekeeping and Pollution Prevention for Permittee Owned Operations*

- Increased street sweeping frequency of all municipal owned streets and parking lots to a schedule that targets areas with potential for high pollutant loads
- The street sweeping schedule is attached to the email submission
  - The street sweeping schedule can be found at the following website:

<https://www.franklinma.gov/highwaygrounds-division/pages/street-sweeping>

- Prioritized inspection and maintenance for catch basins to ensure that no sump shall be more than 50 percent full; Cleaned catch basins more frequently if inspection and maintenance activities indicated excessive sediment or debris loadings

*Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:*

*The electronic tracking of maintenance work and proper scheduling for basins found to be 50% capacity that needed frequent inspections and maintenance was continued from 2020.*

*Curbed roadways were swept 4 times in downtown Franklin during this permit year in support of Appendix H.V.2.a.ii requirements.*

### **Charles River Watershed Phosphorus TMDL**

- Defined the scope of the Phosphorus Control Plan (PCP). *Please select one of the following:*
- The PCP scope is the entire area within our jurisdiction within the Charles River Watershed
  - The PCP scope is the urbanized area portion of our jurisdiction within the Charles River Watershed

*Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:*

*NON-TRADITIONAL AND TRANSPORTATION MS4s ONLY- municipalities please skip this section:*

Estimated the current impervious area of permittee owned property, determined the Land Use information for permittee owned property, calculated the phosphorus removal in pounds per year for any structural BMP owned by the permittee in accordance with Appendix F Attachment 3, and recorded the date of last maintenance activity for all structural BMPs for which phosphorus removal is calculated

- The above information is attached to the email submission
- The above information can be found at the following website:

---

*Optional:* Use the box below to provide any additional information you would like to share as part of your self-assessment:

*The Town is compiling the dates of last maintenance activities conducted for structural BMPs where phosphorus removal is calculated as part of preparation of the Phosphorus Control Plan. This information is not included in the attached submittal because it is in the process of being verified.*

### Part III: Receiving Waters/Impaired Waters/TMDL

Have you made any changes to your lists of receiving waters, outfalls, or impairments since the NOI was submitted?

- Yes  
 No

If yes, describe below, including any relevant impairments or TMDLs:

*The Town evaluated the "Final Massachusetts Integrated List of Waters from the Clean Water Act 2018/2020 Reporting Cycle" and noted the following change has been made to the Town's waterbody impairments.*

*- Charles River (MA72-04) - Total phosphorus has been added as an impairment.*

*No other changes related to receiving waters/impaired or TMDL waters/outfalls have been made during this reporting period.*

## Part IV: Minimum Control Measures

Please fill out all of the metrics below. If applicable, include in the description who completed the task if completed by a third party.

### MCM1: Public Education

Number of educational messages completed **during this reporting period:**

Below, report on the educational messages completed **during this reporting period**. For the measurable goal(s) please describe the method/measures used to assess the overall effectiveness of the educational program.

#### **BMP: 1A - Brochure for Residents**

Message Description and Distribution Method:

*The Stormwater Division website, located on the DPW website, includes general educational information about stormwater pollution and the importance of keeping stormwater clean. The page contains links to various flyers and brochures. The following messages directed toward residents are available on the website: general stormwater information mailer, pet waste flyer, and septic system care flyer. The general stormwater mailer was also distributed to roughly 13,000 residents via USPS and located in the February and March editions of the Town's newsletter.*

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

*Prepare and distribute appropriate stormwater messages to residents annually.*

Message Date(s):

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

*The message was revised from mailings to on-line postings, the Town newsletter, and social media due to COVID-19 related closures of Town offices and the potential broader reach of electronic media.*

#### **BMP: 1B - Displays for Businesses, Institutions, and Commercial Facilities**

Message Description and Distribution Method:

*The Stormwater Division website, Town Hall, and Facebook page contain flyers (and/or their links) geared towards Businesses and Institutions, Industrial Spill Prevention, Industrial Materials Handling, and Industrial Fleet Management.*

*Flyers are available to the DBA license application in Viewpoint. 108 were distributed in Permit Year 4.*

Targeted Audience:

Responsible Department/Parties: *GIS Manager and DPW Stormwater Division*

Measurable Goal(s):

*Update posters and displays with appropriate non-residential stormwater pollution control messages annually.*

Message Date(s): *On-going*

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

---

**BMP:IC - Brochures for Developers**

Message Description and Distribution Method:

*Brochures/flyers educating construction developers about soil erosion controls were distributed with the on-line Soil Erosion and Sediment Control Plan permits application Viewpoint Cloud. 3 brochures were distributed in Permit Year 4.*

*Additional educational materials are were also posted on the Town's Facebook page.*

Targeted Audience: *Developers (construction)*

Responsible Department/Parties: *GIS Manager and DPW Stormwater Division*

Measurable Goal(s):

*Preparation and distribution of stormwater messages targeting the development community every 2 years.*

Message Date(s):

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

---

**BMP: 1D - Brochures for Industrial Facilities**

Message Description and Distribution Method:

*The Stormwater Division website, located at the DPW website, includes general educational information about stormwater pollution and the importance of keeping stormwater clean. The page contains links to various flyers and brochures with messaging directed toward industrial facilities regarding industrial spill prevention, industrial materials handling, and industrial fleet management. Additionally, these brochures are available at the Town Hall/DPW, and 72 brochures were taken in Permit Year 4.*

Targeted Audience: *Industrial Facilities*

Responsible Department/Parties: *GIS Manager and DPW Stormwater Division*

Measurable Goal(s):

*Preparation and distribution of stormwater messages targeting industrial operations every 2 years.*

Message Date(s): *On-going*

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

*Additional messaging delivery was added to the Stormwater Division website in Permit Year 3 and continued in Permit Year 4.*

**BMP: 1E - Website Updates for General Public**

Message Description and Distribution Method:

*The Town's 2022 newsletter has 4,303 recipients and contained various seasonal educational messaging regarding the following:*

- February and March 2022: Rain Barrel program announcement, Stormwater Utility flyer*
- April 2022: Rain Barrel program announcement*
- June 2022: Stormwater survey announcement*

*The Town posts flyers, videos, and other educational information to their DPW Facebook, Twitter, and Instagram pages.*

- 9/12/21: "Leaf It Be!"*
- 9/28/21: "Don't Dump Yard Waste - Let It Be"*
- 9/20/21: "Septic Smart Week"*
- 10/5/21: "Water Fowl" video*
- 3/14/22: "Fix-A-Leak Week"*
- 2/10/22: Rain Barrel program announcement*
- 6/15/22: "Good fences" post - Developers & Construction best practices*
- 6/15/22: "Pot of Gold..." post - Fleet Maintenance*

Targeted Audience: *General Public*

Responsible Department/Parties: *GIS Manager and DPW Stormwater Division*

Measurable Goal(s):

*Promote stormwater awareness by linking key stormwater information, regulations, and activity updates with a goal to increase website hits. The community Facebook page "All About Franklin" has 18.9k followers, the DPW Facebook page 3.2k has followers, the Town of Franklin Facebook page has 2,527 followers, the Town of Franklin Instagram page has 1,850 followers, the Town of Franklin Twitter account has 3.9k followers, and the Town newsletter is distributed to 4,303 community members.*

Message Date(s): *On-going*

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

*Messaging has been expanded to the Town newsletter and social media to reach a wider audience. The community*

*Add an Educational Message*

## MCM2: Public Participation

Describe the opportunity provided for public involvement in the development of the Stormwater Management Program (SWMP) **during this reporting period:**

*The Town of Franklin posted their MS4 General Permit Notice of Intent and Permit Year 2, 3, and 4 SWMP updates to the Stormwater Division web page on the Town website. DPW contact information, including email and DPW address, were provided for public comment. No comments were received during this permit year.*

Was this opportunity different than what was proposed in your NOI? Yes  No

Describe any other public involvement or participation opportunities conducted **during this reporting period:**

*A stormwater utility presentation was conducted for the public on 3/16/2022.*

*Story time with elementary school students that contained a general stormwater awareness component took place on 12/2/2021 and 12/3/2021.*

*A stormwater survey available from 6/17/22 to 6/30/22 was posted on Facebook, Instagram, and Twitter. 84 responses were collected, and, in general, knowledge of stormwater increased.*

## MCM3: Illicit Discharge Detection and Elimination (IDDE)

### Sanitary Sewer Overflows (SSOs)

Check off the box below if the statement is true.

This SSO section is NOT applicable because we DO NOT have sanitary sewer

Below, report on the number of SSOs identified in the MS4 system and removed **during this reporting period.**

Number of SSOs identified:

Number of SSOs removed:

### MS4 System Mapping

*Optional:* Provide additional status information regarding your map:

*BMP 3B Stormwater Sewer System Maps are provided in Appendix F and Appendix G of the PY4 SWMP*

**Screening of Outfalls/Interconnections**

*If conducted, please submit any outfall monitoring results from this reporting period. Outfall monitoring results should include the date, outfall/interconnection identifier, location, weather conditions at time of sampling, precipitation in previous 48 hours, field screening parameter results, and results from all analyses. Please also include the updated inventory and ranking of outfalls/interconnections based on monitoring results.*

- No outfalls were inspected
- The outfall screening data is attached to the email submission
- The outfall screening data can be found at the following website:

*Below, report on the number of outfalls/interconnections screened **during this reporting period.***

Number of outfalls screened:

*Below, report on the percent of outfalls/interconnections screened **to date.***

Percent of outfalls screened:

*Optional: Provide additional information regarding your outfall/interconnection screening:*

*The remaining outfalls were screened during Permit Year 4, bringing the total to 504 outfalls.*

**Catchment Investigations**

*If conducted, please submit all data collected during this reporting period as part of the dry and wet weather investigations. Also include the presence or absence of System Vulnerability Factors for each catchment.*

- No catchment investigations were conducted
- The catchment investigation data is attached to the email submission
- The catchment investigation data can be found at the following website:

*Below, report on the number of catchment investigations completed **during this reporting period.***

Number of catchment investigations completed this reporting period:

*Below, report on the percent of catchments investigated **to date.***

Percent of total catchments investigated:

*Optional: Provide any additional information for clarity regarding the catchment investigations below:*

*The Town has contracted with a subconsultant to perform catchment investigations, which commenced in September 2022. Catchments assigned the most elevated priority for investigation, per Permit Part 2.3.4.8.a, were prioritized for investigation. Catchment investigation data will be appended to the Permit Year 5 annual report.*

**IDDE Progress**

If illicit discharges were found, please submit a document describing work conducted over this reporting period, and cumulative to date, including location source; description of the discharge; method of discovery; date of discovery; and date of elimination, mitigation, or enforcement OR planned corrective measures and schedule of removal.

- No illicit discharges were found
- The illicit discharge removal report is attached to the email submission
- The illicit discharge removal report can be found at the following website:

Below, report on the number of illicit discharges identified and removed, along with the volume of sewage removed **during this reporting period.**

Number of illicit discharges identified:

Number of illicit discharges removed:

Estimated volume of sewage removed:  gallons/day

Below, report on the total number of illicit discharges identified and removed to date. At a minimum, report on the number of illicit discharges identified and removed **since the effective date of the permit (July 1, 2018).**

Total number of illicit discharges identified:

Total number of illicit discharges removed:

*Optional:* Provide any additional information for clarity regarding illicit discharges identified, removed, or planned to be removed below:

**Employee Training**

Describe the frequency and type of employee training conducted **during this reporting period:**

*The Town completed SPCC and SWPPP trainings containing IDDE components for DPW staff containing on August 4, 2022. Opportunistic trainings are provided throughout the year in the field and/or office during implementation of drainage infrastructure related work.*

**MCM4: Construction Site Stormwater Runoff Control**

Below, report on the construction site plan reviews, inspections, and enforcement actions completed **during this reporting period.**

Number of site plan reviews completed:

Number of inspections completed:

Number of enforcement actions taken:

*Optional:* Enter any additional information relevant to construction site plan reviews, inspections, and enforcement actions:

## MCM5: Post-Construction Stormwater Management in New Development and Redevelopment

### Ordinance or Regulatory Mechanism

Date update was completed (due in year 3):

### As-built Drawings

*Below, report on the number of as-built drawings received during this reporting period.*

Number of as-built drawings received:

*Optional:* Enter any additional information relevant to the submission of as-built drawings:

### Retrofit Properties Inventory

Below, list the permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas (at least 5):

*Dean Avenue Stormwater Improvement Project (2021)*  
*Griffin Road Stormwater Improvement Project (2021)*  
*Meadowlark Lane Stormwater Improvement Project (2021)*  
*Greensfield Road (2012)*  
*Wachusett Street (2011)*  
*Panther Way (2009)*

*In addition to the permittee-owned properties listed, the Town proactively evaluates additional properties for future retrofit opportunities in conjunction with capital improvement planning and Phosphorus Control Plan development and is in the process of refining their list of potential projects to jointly meet impervious area reduction and phosphorus removal goals.*

## MCM6: Good Housekeeping

### Catch Basin Cleaning

*Below, report on the number of catch basins inspected and cleaned, along with the total volume of material removed from the catch basins during this reporting period.*

Number of catch basins inspected:

Number of catch basins cleaned:

Total volume or mass of material removed from all catch basins:  tons

Below, report on the total number of catch basins in the MS4 system.

Total number of catch basins:

If applicable:

Report on the actions taken if a catch basin sump is more than 50% full during two consecutive routine inspections/cleaning events:

*A catch basin SOP was adopted in 2020, resulting in electronic tracking of maintenance work and scheduling of catch basins identified to be at 50% capacity that will require more frequent maintenance and inspections. The enhanced maintenance cycle started in Fall 2020.*

*If necessary, schedule adjustments will be made to prioritize catch basins located at known problem areas (low spots, etc.) and near construction activities. If inspection and maintenance activities indicate excessive sediment and debris loading (sump is more than 50% full during two consecutive routine inspections/cleanings) these catch basins will be cleaned more frequently.*

*In addition, during this permit year the Town subcontracted a subset of catch basin cleaning operations to more fully target drainage infrastructure maintenance, resulting in an overall net increase of catch basins inspected and cleaned during this period. The Town expects to continue to subcontract catch basin cleanings to target cleaning all municipally owned catch basins at least once every two years, regardless of sump capacity.*

### **Street Sweeping**

Report on street sweeping completed **during this reporting period** using one of the three metrics below.

Number of miles cleaned:

Volume of material removed:  [Select Units]

Weight of material removed:  tons

### **Stormwater Pollution Prevention Plan (SWPPP)**

Below, report on the number of site inspections for facilities that require a SWPPP completed **during this reporting period**.

Number of site inspections completed:

Describe any corrective actions taken at a facility with a SWPPP:

*Improved drainage was implemented at the recycling center.*

### **Additional Information**

#### **Monitoring or Study Results**

*Results from any other stormwater or receiving water quality monitoring or studies conducted during the reporting period not otherwise mentioned above, where the data is being used to inform permit compliance or permit effectiveness must be attached.*

- Not applicable
- The results from additional reports or studies are attached to the email submission
- The results from additional reports or studies can be found at the following website(s):

If such monitoring or studies were conducted on your behalf or if monitoring or studies conducted by other entities were reported to you, a brief description of the type of information gathered or received shall be described below:

#### **Additional Information**

*Optional:* Enter any additional information relevant to your stormwater management program implementation during the reporting period. Include any BMP modifications made by the MS4 if not already discussed above:

#### **COVID-19 Impacts**

*Optional:* If any of the above year 4 requirements could not be completed due to the impacts of COVID-19, please identify the requirement that could not be completed, any actions taken to attempt to complete the requirement, and reason the requirement could not be completed below:

#### **Activities Planned for Next Reporting Period**

Please confirm that your SWMP has been, or will be, updated to comply with all applicable permit requirements including but not limited to the year 5 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree

Annual Requirements

- Annual report submitted and available to the public
- Annual opportunity for public participation in review and implementation of SWMP
- Keep records relating to the permit available for 5 years and make available to the public
- Properly store and dispose of catch basin cleanings and street sweepings so they do not discharge to receiving waters
- Annual training to employees involved in IDDE program
- Update inventory of all known locations where SSOs have discharged to the MS4
- Continue public education and outreach program
- Update outfall and interconnection inventory and priority ranking and include data collected in connection with the dry weather screening and other relevant inspections conducted
- Implement IDDE program
- Review site plans of construction sites as part of the construction stormwater runoff control program
- Conduct site inspection of construction sites as necessary
- Inspect and maintain stormwater treatment structures
- Log catch basins cleaned or inspected
- Sweep all curbed streets at least annually
- Continue investigations of catchments associated with Problem Outfalls
- Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities
- Review inventory of all permittee owned facilities in the categories of parks and open space, buildings and facilities, and vehicles and equipment; update if necessary
- Review O&M programs for all permittee owned facilities; update if necessary
- Implement all maintenance procedures for permittee owned facilities in accordance with O&M programs
- Implement program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- Enclose all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- Review as-built drawings for new and redevelopment to ensure compliance with post construction bylaws, regulations, or regulatory mechanism consistent with permit requirements
- Inspect all permittee owned treatment structures (excluding catch basins)
- Identify additional permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious areas so that the permittee maintains a minimum of 5 sites in their inventory, until such a time when the permittee has less than 5 sites remaining

Provide any additional details on activities planned for permit year 5 below:

## Part V: Certification of Small MS4 Annual Report 2021

### 40 CFR 144.32(d) Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name:  Title:

Signature:  Date:

*[Signatory may be a duly authorized representative]*

Town of Franklin, MA  
MS4 General Permit Year 4  
Dry Weather Outfall Screening Results

Outfall ID	Inspection Date	2nd Attempt at Inspection Date	Weather	Precipitation within 24 Hours	Flow Present	Ammonia (ppm)	Surfactants (ppm)	Chlorine (ppm)	Specific Conductivity (µS/cm)	Salinity (ppt)	Temperature	pH	E. coli (MPN/100mL)	Total Phosphorus (mg/L)	BOD (mg/L)	Dissolved Oxygen (mg/L)
DO_61	10/26/2020	9/13/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_94	8/21/2020	8/27/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_100	10/26/2020	9/13/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_186	6/21/2021	9/8/2021	Sunny	<0.1 inches	Yes	0	0.25 to 0.5	0.82	441.9	0.21	55.4	7.32	<1	0.012	--	9.91
DO_270	6/2/2021	9/8/2021	Sunny	<0.1 inches	Yes	0	0.25	0.05	293	0.15	68.18	7.62	33	ND	--	--
DO_274	6/11/2020	9/13/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_303	6/11/2020	9/13/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_309	6/15/2020	9/13/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_310	6/15/2020	9/13/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_311	6/11/2020	9/13/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_316	6/15/2020	9/13/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_327	5/20/2021	11/30/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_405	5/3/2021	8/27/2021	Sunny	<0.1 inches	--	--	--	--	--	--	--	--	--	--	--	--
DO_408	5/3/2021	8/27/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_409	5/3/2021	8/27/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_706	6/8/2021	9/15/2021	Partly Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_708	10/23/2020	9/13/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_923	6/18/2021	9/15/2021	Partly Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_964	6/18/2021	8/26/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_17	11/5/2020	8/26/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_39	5/14/2021	8/26/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_50	5/14/2021	8/26/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_52	7/31/2020	8/26/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_62	10/26/2020	8/27/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_70	6/18/2021	9/8/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_167	7/8/2020	8/27/2021	Overcast	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_168	7/8/2020	9/14/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_184	7/8/2020	9/15/2021	Partly Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_217	5/21/2021	9/14/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_226	7/22/2020	9/15/2021	Partly Cloudy	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_229	5/12/2021	8/27/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_241	11/6/2020	8/27/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_242	6/2/2021	9/13/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_248	7/22/2020	9/14/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_287	7/16/2020	9/15/2021	Partly Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_291	6/8/2021	8/27/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_314	6/11/2020	9/13/2021	Overcast	<0.1 inches	--	--	--	--	--	--	--	--	--	--	--	--
DO_329	7/8/2020	9/14/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_337	5/3/2021	8/27/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--

Town of Franklin, MA  
MS4 General Permit Year 4  
Dry Weather Outfall Screening Results

Outfall ID	Inspection Date	2nd Attempt at Inspection Date	Weather	Precipitation within 24 Hours	Flow Present	Ammonia (ppm)	Surfactants (ppm)	Chlorine (ppm)	Specific Conductivity (µS/cm)	Salinity (ppt)	Temperature	pH	E. coli (MPN/100mL)	Total Phosphorus (mg/L)	BOD (mg/L)	Dissolved Oxygen (mg/L)
DO_342	10/23/2020	8/26/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_351	7/7/2020	9/14/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_355	7/8/2020	9/15/2021	Partly Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_363	9/18/2020	8/26/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_367	6/7/2021	9/8/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_402	10/23/2020	8/27/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_416	7/8/2020	8/27/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_418	7/8/2020	9/14/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_424	7/7/2020	9/15/2021	Partly Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_429	6/16/2020	9/13/2021	Sunny	<0.1 inches	--	--	--	--	--	--	--	--	--	--	--	--
DO_430	6/16/2020	9/14/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_446	5/3/2021	8/26/2021	Overcast	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_454	6/18/2021	9/8/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_458	6/7/2021	8/26/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_460	6/7/2021	9/13/2021	Cloudy	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_482	6/7/2021	8/26/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_497	7/31/2020	8/26/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_534	7/8/2020	9/14/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_545	8/21/2020	8/27/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_576	6/7/2021	9/13/2021	Cloudy	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_602	7/8/2020	9/14/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_614	6/8/2021	9/13/2021	Sunny	<0.1 inches	NA	--	--	--	--	--	--	--	--	--	--	--
DO_618	7/8/2020	9/15/2021	Partly Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_626	9/18/2020	8/26/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_631	6/2/2021	9/13/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_633	11/5/2020	8/26/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_634	9/18/2020	8/26/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_644	11/5/2020	8/26/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_655	7/8/2020	9/14/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_663	6/3/2021	9/15/2021	Partly Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_698	9/18/2020	9/8/2021	Sunny	<0.1 inches	--	--	--	--	--	--	--	--	--	--	--	--
DO_702	9/18/2020	9/8/2021	Sunny	<0.1 inches	--	--	--	--	--	--	--	--	--	--	--	--
DO_770	8/11/2020	9/13/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_851	7/31/2020	9/15/2021	Partly Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_879	6/18/2021	9/8/2021	Sunny	<0.1 inches	Yes	0	0	0	10.54	0.58	68.36	7.36	90	0.012		
DO_892	5/21/2021	9/14/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_907	8/21/2020	8/27/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_914	5/21/2021	9/14/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_925E	12/21/2021	9/15/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--

Town of Franklin, MA  
MS4 General Permit Year 4  
Dry Weather Outfall Screening Results

Outfall ID	Inspection Date	2nd Attempt at Inspection Date	Weather	Precipitation within 24 Hours	Flow Present	Ammonia (ppm)	Surfactants (ppm)	Chlorine (ppm)	Specific Conductivity (µS/cm)	Salinity (ppt)	Temperature	pH	E. coli (MPN/100mL)	Total Phosphorus (mg/L)	BOD (mg/L)	Dissolved Oxygen (mg/L)
DO_933	7/16/2020	9/14/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_937	7/22/2020	11/30/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	3	0.014	--	--
DO_938	7/22/2020	9/15/2021	Partly Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_947	9/18/2020	8/26/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_958	6/7/2021	9/8/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--
DO_961	7/16/2020	9/14/2021	Sunny	<0.1 inches	No	--	--	--	--	--	--	--	--	--	--	--

Notes:

1. "--" = information either not reported by others or collected due to lack of flow, standing water, or outfall/upstream drainage structure(s) not located/obstructed
2. "ppm" = parts per million
3. "ppt" = parts per thousand
4. "NE" = no established MS4 General Permit threshold criteria for this parameter.
5. "ND" = parameter not detected above instrument/analytical method detection limit