

Year 2 Annual Report
Massachusetts Small MS4 General Permit
Reporting Period: July 1, 2019-June 30, 2020

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, 2019 and June 30, 2020 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: <https://www.epa.gov/tmdl/region-1-impaired-waters-and-303d-lists-state>

<u>Impairment(s)</u>			
<input checked="" type="checkbox"/> Bacteria/Pathogens	<input type="checkbox"/> Chloride	<input type="checkbox"/> Nitrogen	<input checked="" type="checkbox"/> Phosphorus
<input type="checkbox"/> Solids/ Oil/ Grease (Hydrocarbons)/ Metals			
<u>TMDL(s)</u>			
<i>In State:</i>	<input type="checkbox"/> Assabet River Phosphorus	<input checked="" type="checkbox"/> Bacteria and Pathogen	<input type="checkbox"/> Cape Cod Nitrogen
	<input 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
			<input type="button" value="Clear Impairments and TMDLs"/>

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 2 Requirements

- Completed Phase I of system mapping
- Developed a written catchment investigation procedure and added the procedure to the SWMP
- Developed written procedures to require the submission of as-built drawings and ensure the long term operation and maintenance of completed construction sites and added these procedures to the SWMP
- Enclosed or covered storage piles of salt or piles containing salt used for deicing or other purposes
- Developed written operations and maintenance procedures for parks and open space, buildings and facilities, and vehicles and equipment and added these procedures to the SWMP
- Developed an inventory of all permittee owned facilities in the categories of parks and open space, buildings and facilities, and vehicles and equipment and added this inventory to the SWMP
- Completed a written program for MS4 infrastructure maintenance to reduce the discharge of pollutants
 - Developed written SWPPPs, included in the SWMP, for all of the following permittee owned or
 - operated facilities: maintenance garages, public works yards, transfer stations, and other waste handling facilities where pollutants are exposed to stormwater

Optional: If you would like to describe progress made on any incomplete requirements listed above, provide any additional information, and/or if any of the above year 2 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:

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:

- Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters
- Provided training to employees involved in IDDE program within the reporting period
- All curbed roadways were swept at least once within the reporting period
- Updated outfall and interconnection inventory and priority ranking as needed

Optional: If you would like to describe progress made on any incomplete requirements listed above, provide any additional information, and/or if any of the above annual 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:

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:

Phosphorus (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)

Annual Requirements

*Public Education and Outreach**

- Distributed an annual message in the spring (April/May) encouraging the proper use and disposal of grass clippings and encouraging the proper use of slow-release and phosphorus-free fertilizers
- Distributed an annual message in the summer (June/July) encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- Distributed an annual message in the fall (August/September/October) encouraging the proper disposal of leaf litter

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

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

- Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.a.iii.(c) to a minimum of two times per year (spring and fall)

Potential structural BMPs

- Any structural BMPs already existing or installed in the regulated area by the permittee or its agents was tracked and the phosphorus removal by the BMP was estimated consistent with Attachment 3 to Appendix F. The BMP type, total area treated by the BMP, the design storage volume of the BMP and the estimated phosphorus removed in mass per year by the BMP were documented.

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

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:

Potential Structural BMPs Note: Currently N/A to the Town of Wilmington. The Aberjona River Watershed is very small and encompasses Industrial Way, Eames Street, and Jewell Drive. The Town is unaware of any municipally owned structural BMPs within this watershed.

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

Potential Structural BMPs Note: Currently N/A to the Town of Wilmington. The Aberjona River Watershed is very small and encompasses Industrial Way, Eames Street, and Jewell Drive. The Town is unaware of any municipally owned parcels or structural BMPs within this watershed.

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:

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:Good Housekeeping Brochure

Message Description and Distribution Method:

Mailed Brochure regarding Good Housekeeping practices for Business/Commercial Properties.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Promote the value that good and responsible property maintenance has on reducing stormwater runoff pollution. Message included education on Building Maintenance and Materials Storage, Landscaped Areas (i.e. phosphorus/nitrogen overuse), car/vehicle washing, and parking lot maintenance.

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:Good Housekeeping Brochure

Message Description and Distribution Method:

Mailed Brochure regarding Good Housekeeping practices for Industrial Facilities

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Promote the value that good and responsible property maintenance has on reducing stormwater runoff pollution. Message included education on Building Maintenance and Materials Storage, Landscaped Areas

(i.e. phosphorus/nitrogen overuse), car/vehicle washing, and parking lot maintenance.

Message Date(s): January 2020

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:Pet Waste Brochure

Message Description and Distribution Method:
Mailed brochure regarding pet waste

Targeted Audience: Residents

Responsible Department/Parties: Department of Public Works Engineering Division

Measurable Goal(s):
Reduce pet waste in catch basins, and reduce pollutant discharges to receiving waters. The Town had reports of previous issues regarding pet waste bags being disposed of in catch basins. Since the messages have been sent, our catch basin cleaning crew has not reported any pet waste bags being collected from catch basins.

Message Date(s): May 2020

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:Septic System Maintenance

Message Description and Distribution Method:
Door Hanger

Targeted Audience: Residents

Responsible Department/Parties: Department of Public Works Engineering Division

Measurable Goal(s):
Issue door hanger to residents with septic systems in the Shawsheen River Watershed regarding proper care and maintenance of septic systems.

Message Date(s): June 2020

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:Pet Waste - at Town Clerk's Office

Message Description and Distribution Method:

Brochure for dog licensees

Targeted Audience: Residents

Responsible Department/Parties: Town Clerk's Office

Measurable Goal(s):

Issue pet waste brochure to residents with dog license's to educate on the benefits of cleaning up after your pet.

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:Fertilizer Brochure

Message Description and Distribution Method:

Mailed Brochure regarding use of fertilizer and dangers of excessive phosphorus/nitrogen in lawn care/maintenance.

Targeted Audience: Residents

Responsible Department/Parties: Department of Public Works Engineering Division

Measurable Goal(s):

Educate property owners in the Aberjona River Watershed about the dangers of excess nutrients in stormwater runoff resulting from improper lawn care techniques.

Message Date(s): April 2020

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:Leaf Litter Brochure

Message Description and Distribution Method:

Mailed a brochure to property owners in the Aberjona River watershed related to the benefits of proper leaf cleanup and disposal.

Targeted Audience: Residents

Responsible Department/Parties: Department of Public Works Engineering Division

Measurable Goal(s):

Provide information for curbside pickup dates, benefits of composting, and keeping leaf litter out of storm drains and wetland resource areas.

Message Date(s): September 2019

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:Think Blue MA "Fowl Water" advertisement

Message Description and Distribution Method:

Facebook and Instagram sponsored video and YouTube preroll advertisements provide viewers with visualization of stormwater pollution from motor oil, pet waste, and trash.

Targeted Audience: Residents

Responsible Department/Parties: Northern Middlesex Stormwater Collaborative

Measurable Goal(s):

Facebook and Google provided aggregate information for the region served by the Stormwater Coalition. Think Blue allocated the impressions among each municipality on a proportional basis, using US Census estimates of the population of each municipality. Wilmington received 35,558 Facebook/Instagram impressions, and 29,200 Youtube Ad impressions for a total of 64,758.

Message Date(s): May 2020 through June 2020

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:

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:**

At the February 10, 2020 Board of Selectmen meeting, the Engineering Division presented the Town's Stormwater Management Program and the requirements of the current EPA MS4 permit. The hearing was aired live on WCTV, advertised, and open to the public (pre-Covid). We received feedback from the Board and the general public at the meeting, and an article was published on the topic in the subsequent issuance of the Town Crier (frontpage of the local newspaper).

Also, The entire Stormwater Management Program has been posted to the Town's public website at <https://www.wilmingtonma.gov/public-works/stormwater-management/pages/ms4-permit>

A link has also been provided to a public email address to send comments accordingly.

Prior to posting this information to the Town's website, a post was made on the Town's Twitter feed, and to the Town's news topics at the above referenced web homepage.

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:**

This school year, students in Grade 7 at the Wilmington Middle School participated in a nature walk on campus to see some of the Ipswich River Headwaters near campus. Students saw and learned about some of the storm drains along the way, which helped paint the picture that pollutants that go into storm drains end up in our local waterways; affecting water quality, habitat, and wildlife. Public art and stormwater education installations, like a medallion that Wilmington uses in town, help connect the community to our local water resources.

Students were then presented with an imaginary scenario developed by their science teachers, Mrs. Theresa Fisher, Ms. Christine Grande and Mrs. Karen Strazzere, that the Wilmington Public Works Stormwater Division was seeking grade 7 science artists to transform storm drains on the school campus into public works of art. Students designed artwork for one of the campus drains that could be used as a public outreach plan if a winning design were actually painted around the drain to educate the public about stormwater and drainage. Each seventh grade team awarded a 1st, 2nd and 3rd place winning design.

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

Below, check all that apply.

The following elements of the Phase I map have been completed:

- Outfalls and receiving waters
- Open channel conveyances
- Interconnections
- Municipally-owned stormwater treatment structures
- Waterbodies identified by name and indication of all use impairments
- Initial catchment delineations

Optional: Describe any additional progress you made on your map during this reporting period or provide additional status information regarding your map:

All MS4 outfalls within the Town of Wilmington have been field survey located and mapped accordingly on the Town's GIS mapping platform. A GIS mapping site has been created for public viewing at www.mapsonline.net/wilmingtonma/ms4. Also included on the map are the receiving waters and their corresponding sub-watershed boundary (subwatershed boundary ID numbers correlate to the MassGIS data layer numbering system). The Town of Wilmington has developed a complete Drainage System Master Plan, which includes GIS mapping of the Town's entire drainage system. All infrastructure was GPS located.

Mapping includes topography, stormwater BMPs (i.e. existing retention basins, and infiltration basins), catch basins, drain manholes, and pipe network system. The Town has also mapped the entire sanitary sewer system, complete with rim and invert data based on record as-built drawings. Given the relatively young age of the Town's Sewer System (c.1970s to present), record information was found to be very accurate.

Action items completed before end of Year 2 included: Waterbodies identified by name and indication of all use impairments, and initial IDDE catchment delineations were mapped and posted on the publicly viewable GIS map.

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.

- The outfall screening data is attached to the email submission

- The outfall screening data can be found at the following website:

not complete

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

Number of outfalls screened:

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.

- The catchment investigation data is attached to the email submission
- The catchment investigation data can be found at the following website:

not complete

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:

Dry weather outfall inspections commenced on July 3, 2019 (year 2 reporting period), and we are currently at approximately 80% complete. The Engineering Division has completed the required writeup of a Catchment Investigation Procedure, which has been posted to the Town's public website at <https://www.wilmingtonma.gov/public-works/stormwater-management/pages/ms4-permit>

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.

- The illicit discharge removal report is attached to the email submission
- The illicit discharge removal report can be found at the following website:

na

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:

Illicit Discharge No. 1: Found February 7, 2020: Fire Dept called MassDEP to report a caller complaining about Superior Sealcoating at 234 Andover Street parking lot runoff entering a nearby catch basin. MassDEP identified a minor sheen entering catch basin. DPW helped find the outfall and a minor sheen was observed. MassDEP providing containment measures and absorbant materials, dealing directly with property owner for fining and reimbursement. Contacts: Christopher Bresnahan, Environmental Engineer MassDEP 978-694-3377 and Joshua Lowman Environmental Analyst MassDEP 978-694-3318 / cell 857-354-0153

Illicit Discharge No. 2: Found April 14, 2020. Police called DPW after hours to report a motorist is reporting a sewer backup at 5 Cornell in the parking lot. Building is not on town sewer. DPW dispatched to investigate and it appears building is on a pump tank septic system which is cycling improperly and causing sewage to overflow out of manhole cover, into parking lot, and into Cornell Place. Gray water is heavily dilluted, perhaps do to a broken pipe or running water in building. Health Director responded and was able to track down owner of building by tapping on window. Owner called contractor to repair issue. Health Director not concerned with gray water flow into the street due to dilution rate. No fine issued.

Employee Training

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

The Town Operations Manager of the DPW conducts an annual IDDE training course covering topics such as, "what to look for" and "who to contact", we also reviewed exceptions not considered illicit discharges, permits required for legal sump pump connections, and enforcement/fines. The last training occurred on December 5, 2019 and included 27 DPW labor and operations personnel.

The Town is also a member of the NMCOC Stormwater Collaborative and attends periodic training offered through the collaborative.

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:

Inspections number based on Erosion and Sedimentation Control Inspections by Planning and Conservation (31) plus stormwater BMP inspections by the Engineering Division (24). The Engineering Division inspects every stormwater BMP that is installed in Town.

2 Enforcement actions taken: 296 Ballardvale Street and 687 Main Street - both included work without a permit.

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

Ordinance or Regulatory Mechanism

Below, select the option that describes your ordinance or regulatory mechanism progress.

- Bylaw, ordinance, or regulations are updated and adopted consistent with permit requirements
- Bylaw, ordinance, or regulations are updated consistent with permit requirements but are not yet adopted
- Bylaw, ordinance, or regulations have not been updated or adopted

As-built Drawings

Describe the measures the MS4 has utilized to require the submission of as-built drawings and ensure long term operation and maintenance of completed construction sites:

The Town's current Stormwater Management Bylaw and Regulations require submission of as-built drawings and development of Operation and Maintenance Plans (O&M). O&M Plans are required to be recorded at the registry of deeds. As stated in our standard conditions, the Engineering Division will not sign off on a Certificate of Occupancy until the As-built and proof of recording O&M are received accordingly.

Street Design and Parking Lots Report

Describe the status of the street design and parking lots assessment due in year 4 of the permit term, including any planned or completed changes to local regulations and guidelines:

Review of the Town's Zoning Bylaw Section 6.4 (Parking and Site Design) has commenced. Subdivision Regulation amendments that reduce the overall pavement width required for roadways were approved by Planning Board on October 1, 2019. A copy of these regulations are available at:

<https://www.wilmingtonma.gov/planning-conservation/pages/bylaws-regulations-policies>

Green Infrastructure Report

Describe the status of the green infrastructure report due in year 4 of the permit term, including the findings and progress towards making the practice allowable:

This work has not commenced.

Retrofit Properties Inventory

Describe the status of the inventory, due in year 4 of the permit term, of permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas and report on any properties that have been modified or retrofitted:

An initial inventory has been based, in part, on review of the 5-year capital plan for scheduled parking lot repaving projects. The Woburn Street school was repaved in late July 2020, however, in Reporting year 2, the Engineering Division reviewed the site and identified an area to reduce impervious area by approximately 1800 SF. We are currently (Reporting Year 3) in the design phase of a parking lot improvement plan for the Public Buildings facility. Work will include review for potential reduction of impervious area and implementation of structural BMPs for treating runoff prior to discharge.

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:

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:

As stated in the Year 1 report, a priority section of Town is in the vicinity of Chestnut Street and Marion Street as 2 large developments are under construction in the area. We commenced an outreach program and met with both developers to ensure they are in compliance with the EPA CGP and SWPPPs for each individual site. Our last catch basin inspection and cleaning report found the sump to be exactly 50% full, which is a significant improvement from the previous two years (completely full). We will continue prioritizing catch basins on roadways that are in areas of increase development per our SWMP.

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:
- Weight of material removed:

O&M Procedures and Inventory of Permittee-Owned Properties

Below, check all that apply.

The following permittee-owned properties have been inventoried:

- Parks and open spaces
- Buildings and facilities
- Vehicles and equipment

The following O&M procedures for permittee-owned properties have been completed:

- Parks and open spaces
- Buildings and facilities
- Vehicles and equipment

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:

Propose sediment basin at the DPW material storage yard, and at the Yard Waste facility.

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:

na

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:

Reports, inventories, operation and maintenance programs, and SWPPPs required under MCM 6 have been posted to the Town's website at:

<https://www.wilmingtonma.gov/public-works/stormwater-management/pages/ms4-permit>

COVID-19 Impacts

Optional: If any of the above year 2 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:

4 total SWPPP inspections were required however, due to COVID restrictions, we were only able to perform 2 of the 4. We are fully operational for Year 3 and will meet the minimum requirement for SWPPP inspections moving forward.

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 3 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree

- Inspect all outfalls/ interconnections (excluding Problem and Excluded outfalls) for the presence of dry weather flow
- Complete follow-up ranking as dry weather screening becomes available

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 uncurbed streets at least annually
- Continue investigations of catchments associated with Problem Outfalls
- 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

Provide any additional details on activities planned for permit year 3 below:

Engineering will perform quarterly SWPPP inspections at the DPW Garage/materials storage yard, yard waste center and recycling facility.

The Engineering Division, in collaboration with the Town's Conservation Agent and Health Director, are continuing efforts to implement the IDDE program including mapping requirements, and dry weather outfall screening.

The Engineering Division, in collaboration with Planning and Conservation Department will report on current parking lot standards and related zoning bylaws for opportunities to promote reduction of impervious surfaces. We will also continue to identify municipal owned lots to target for reduction of impervious area and implementation of treatment and recharge structural BMPs.

The Town's Stormwater team will continue distribution of educational messages per the SWMP and developing ideas for metering the effectiveness of said messages.

Town Staff will continue to engage the public to encourage public comments on the SWMP.

Part V: Certification of Small MS4 Annual Report 2020

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: Digitally signed by Paul M. Alunni, PE
Date: Date: 2020.09.25 15:00:09 -04'00'

[Signatory may be a duly authorized representative]

Note: When prompted during signing, save the document under a new file name.

Annual Report Submission

Please submit the form electronically via email to both EPA and MassDEP by clicking on one of the links below or using the email addresses listed below. Please ensure that all required attachments are included in the email and not attached to this PDF.

EPA: stormwater.reports@epa.gov

MassDEP: laura.schifman@mass.gov

Paper Signature:

If you did not sign electronically above, you can print the signature page by clicking the button below.

Optional: If you did not sign electronically above, you may lock the form by clicking the "Lock Form" button below which will prompt you to save the locked version of the form. Save this locked version under a new file name.