

Year 3 Annual Report
Massachusetts Small MS4 General Permit
Reporting Period: July 1, 2020-June 30, 2021

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, 2020 and June 30, 2021 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>

Impairment(s)			
<input checked="" type="checkbox"/> Bacteria/Pathogens	<input type="checkbox"/> Chloride	<input type="checkbox"/> Nitrogen	<input checked="" type="checkbox"/> Phosphorus
<input checked="" type="checkbox"/> Solids/ Oil/ Grease (Hydrocarbons)/ Metals			
TMDL(s)			
<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
			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 3 Requirements

- Inspected and screened all outfalls/interconnections (excluding Problem and Excluded outfalls)
- Updated outfall/interconnection priority ranking based on the information collected during the dry weather inspections as necessary
- Post-construction bylaw, ordinance, or other regulatory mechanism was updated and adopted consistent with permit requirements

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 3 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:

The City of Lawrence has updated its stormwater management ordinance and has also developed regulations to be consistent with permit requirements associated with water quality performance standards. The ordinance and regulations are currently under legal review in anticipation of ordinance committee and/or city council hearings later this year. Currently, provisions of the existing ordinance meet permit requirements regarding submission of as-built drawings and post-construction review procedures.

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:

Refer to consent decree DJ#90-5-1-1-11060 City of Lawrence, MA. Most recent semi-annual compliance report dated 07/30/2021.

- 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 system map due in year 2 as necessary
- 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, 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:

Septic systems are not applicable to this community, therefore no information was provided.

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:

Will be undertaken in Permit Year 4 consistent with permit requirements.

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:

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
- 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:

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

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:

A minor change was made to the City's Integrated Waters list. Dissolved Oxygen was removed from Shawsheen River segment MA83-19 and Escherichia Coli (E. coli) was added to the list. All other water bodies in the impaired waters list have not changed.

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: Targeted/Timed Messages

Message Description and Distribution Method:

The City has a page for the Water and Sewer Department on the City's Website. This page includes multiple links with educational materials. One link is outreach about fats, oils and grease (FOG) in sewer lines. It warns that the build-up of these materials in the pipes can clog and cause raw sewage to overflow. Another link is a page that discusses the wastewater collection system. On this page is information pertaining to other materials that may clog sewer lines as well as a warning for sanitary sewer overflows (SSOs) and information on reporting SSOs. Another link is to an announcements page where one announcement is referring to the IDDE program and dye testing. Lastly, there is a link to the City's stormwater management plan. All of these can enhance public awareness and can help prevent raw sewage from entering the drainage systems and waterbodies.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Post educational messages on the City website. Maintain educational content throughout the Permit term.

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: Supplemental Message: Fertilizer in Stormwater

Message Description and Distribution Method:

The City posted an informational flyer on the City's DPW Facebook page. The flyer included suggestions on how the community can reduce the stormwater pollution through altered fertilization techniques. The flyer suggests application of minimum amounts, to avoid application before storms, and to use slow release fertilizer.

On Facebook, this posting was "liked" 0 times and shared 0 times. 2,722 Facebook users currently "follow" the page and can view the City's postings in their newsfeed.

Targeted Audience: Residents

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

Supplemental message for water quality impaired waterways.

Message Date(s): June 2, 2021

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: Supplemental Message: Clean Water or Green Water?

Message Description and Distribution Method:

The City posted an informational flyer on the City's DPW Facebook page. The flyer included information about the problem of grass clippings in catch basins, the nutrients the clippings can release causing algal blooms, and a suggestion of proper grass clipping disposal.

On Facebook, this posting was "liked" 0 times and shared 0 times. 2,722 Facebook users currently "follow" the page and can view the City's postings in their newsfeed.

Targeted Audience: Residents

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

Supplemental message for water quality impaired waterways.

Message Date(s): June 2, 2021

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: Hazardous Waste Recycling Day Outreach

Message Description and Distribution Method:

The City posted an informational flyer on the City's DPW Facebook page. The flyer included information of what materials constitute as hazardous waste along with where and when to dispose of those items. This information is essential to preventing potential spills or dumping that may enter storm drains and waterways.

On Facebook, this posting was "liked" 4 times and shared 9 times. 2,722 Facebook users currently "follow" the page and can view the City's postings in their newsfeed.

Targeted Audience: Residents

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

Post educational messages on the City website. Maintain educational content throughout the Permit term.

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: Street Sweeping Outreach**Message Description and Distribution Method:**

The City reposted a video created by the Mayor of Lawrence on City's DPW Facebook page. The Mayor spoke about the importance of street sweeping and the collective efforts of keeping the streets clean. This effort and public outreach can help prevent pollution such as cigarettes and trash entering the stormwater drainage systems.

On Facebook, this posting was "liked" 17 times and shared 0 times. 2,722 Facebook users currently "follow" the page and can view the City's postings in their newsfeed.

Targeted Audience: Residents

Responsible Department/Parties: City Manager/Mayor's Office, DPW operations

Measurable Goal(s):

Post educational messages on the City website. Maintain educational content throughout the Permit term.

Message Date(s): April 21, 2021

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: Supplemental Message: Yard Waste Pick-Up Outreach

Message Description and Distribution Method:

The City created a post on the City's DPW Facebook page. The post included information about proper yard waste storage and disposal along with information about when the public could expect yard waste to be picked up. This message is important to remind people to keep up with yard maintenance and to practice proper yard waste disposal techniques.

On Facebook, this posting was "liked" 14 times and shared 12 times. 2,722 Facebook users currently "follow" the page and can view the City's postings in their newsfeed.

Targeted Audience: Residents

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

Supplemental message for water quality impaired waterways.

Message Date(s): April 4, 2021

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: Flooding - Vulnerability Assessment Outreach

Message Description and Distribution Method:

The City created a post on the City's DPW Facebook page. The post included information about the City's flooding in 2006 due to vulnerable infrastructure and how the City is working towards finding solutions to this. The post called upon the public to attend the virtual meeting to learn more. This outreach is an educational opportunity for people to learn more about drainage infrastructure and its vulnerabilities.

On Facebook, this posting was "liked" 5 times and shared 1 times. 2,722 Facebook users currently "follow" the page and can view the City's postings in their newsfeed.

Targeted Audience: Residents

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

Post educational messages on the City website. Maintain educational content throughout the Permit term.

Message Date(s): March 13, 2021

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: Snow on Catch Basins Outreach

Message Description and Distribution Method:

The City created a post on the City's DPW Facebook page. The post included information about the City's efforts to remove snow from catch basins to reduce flooding in neighborhoods due to an incoming storm. The post reached out to the public and asked for assistance from residents to clear catch basins as well. This message engaged the public as well as educated them about why snow removal is important for drainage.

On Facebook, this posting was "reacted" 15 times and shared 16 times. 2,722 Facebook users currently "follow" the page and can view the City's postings in their newsfeed.

Targeted Audience: Residents

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

Post educational messages on the City website. Maintain educational content throughout the Permit term.

Message Date(s): December 24, 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: Supplemental Message: Let's Keep Leaves Out of Storm Drains

Message Description and Distribution Method:

The City created a post on the City's DPW Facebook page. The post included information about leaves and how they can clog drainage systems and harm waterbodies. The post informs the public about the nutrients in leaves and how they can cause algal blooms. It also informs the public that yard waste is picked up weekly on trash days when picked up and disposed of properly.

On Facebook, this posting was "liked" 16 times and shared 8 times. 2,722 Facebook users currently "follow" the page and can view the City's postings in their newsfeed.

Targeted Audience: Residents

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

Supplemental message for water quality impaired waterways.

Message Date(s): November 17, 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: Catch Basin Cleaning Outreach

Message Description and Distribution Method:

The City created a post on the City's DPW Facebook page. The post included information about the City's efforts in reducing flooding. It lists cleaning catch basins and street sweeping as the two preventative actions that the City is taking. It asks the public to do their part and dispose of trash properly since it can enter and clog drainage systems and can cause flooding.

On Facebook, this posting was "liked" 18 times and shared 2 times. 2,722 Facebook users currently "follow" the page and can view the City's postings in their newsfeed.

Targeted Audience: Residents

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

Post educational messages on the City website. Maintain educational content throughout the Permit term.

Message Date(s): September 25, 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: Flooding Notification and Outreach

Message Description and Distribution Method:

The City created a post on the City's DPW Facebook page. The post included a notification that there was localized flooding across the City. The post also included information as to why some area were flooded such as overwhelmed catch basins or catch basins on construction sites that had silt sacks in them that got overwhelmed. The City informed the public that they would hire a catch basin cleaning company to help deal with the flooding issue. This post educated the public about the real consequences of drainage system clogs.

On Facebook, this posting was "reacted" 13 times and shared 13 times. 2,722 Facebook users currently "follow" the page and can view the City's postings in their newsfeed.

Targeted Audience: Residents

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

Post educational messages on the City website. Maintain educational content throughout the Permit term.

Message Date(s): September 10, 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: Sewer Improvements Outreach**Message Description and Distribution Method:**

The City created a post on the City's DPW Facebook page. The post included information about their ongoing sewer improvement projects. The City provided a short description of the project and how it will benefit the community such as better water quality through improved stormwater runoff. This post educates the public that infrastructure improvements for sewer can have extended water quality improvements to due new paving, grading, or reduction in sewer leaks.

On Facebook, this posting was "liked" 11 times and shared 2 times. 2,722 Facebook users currently "follow" the page and can view the City's postings in their newsfeed.

Targeted Audience: Residents

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

Post educational messages on the City website. Maintain educational content throughout the Permit term.

Message Date(s): September 1, 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:1.2 Deliver Targeted Educational Messages

Message Description and Distribution Method:

The City of Lawrence, in its 2021 Consumer Confidence Report (CCR), included educational How- To information on how residents can prevent Stormwater Runoff Pollution and what the community is doing to prevent Stormwater Runoff Pollution . The Consumer Confidence Report was made available on the City's website in this Permit Year.

Targeted Audience: Business/Institutions/Commercial Facilities; Developers; Industrial Facilities & Residents

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

Annually include Stormwater information in the CCR to maintain educational content throughout the Permit term.

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:

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 City of Lawrence had their SWMP posted to the City website. It was available to the audience to review and comment.

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:**

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:

The City will continue to update their Storm Sewer Map as needed to stay consistent with the City's operation program and to meet permit requirements. Adjustment will be made to the map as new information is discovered after catch basin and storm sewer cleaning, catchment investigations, CCTV inspections and/or other field efforts are conducted.

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:

Refer to consent decree DJ#90-5-1-1-11060 City of Lawrence, MA. Most recent semi-annual compliance report dated 07/30/2021.

*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:

Refer to consent decree DJ#90-5-1-1-11060 City of Lawrence, MA. Most recent semi-annual compliance report dated 07/30/2021.

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:

Refer to consent decree DJ#90-5-1-1-11060 City of Lawrence, MA. Most recent semi-annual compliance report dated 07/30/2021.

*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:

Refer to consent decree DJ#90-5-1-1-11060 City of Lawrence, MA. Most recent semi-annual compliance report dated 07/30/2021.

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:

Refer to consent decree DJ#90-5-1-1-11060 City of Lawrence, MA. Most recent semi-annual compliance report dated 07/30/2021.

*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:

Refer to consent decree DJ#90-5-1-1-11060 City of Lawrence, MA. Most recent semi-annual compliance report dated 07/30/2021.

Employee Training

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

Refer to consent decree DJ#90-5-1-1-11060 City of Lawrence, MA. Most recent semi-annual compliance report dated 07/30/2021.

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:

No construction activity in PY3 was above the disturbance threshold and that required inspection.

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

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:

As-built drawings are currently required in City of Lawrence stormwater management ordinance.

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:

To be conducted in Permit Year 4

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:

To be conducted in Permit Year 4

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:

Preliminary investigation completed. Final retrofit plan to be completed in Permit Year 4.

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:

If necessary, schedule adjustments will be made to prioritize catch basins located at known problem areas (low spots) and near construction activities. If inspections and maintenance activities indicate excessive sediment and debris loading (i.e. the sump is more than 50% full during two consecutive routine inspections/cleanings), these catch basins will be marked for more frequent cleaning. Catchbasins cleaned as noted above, include combined sewer system catchbasins creating the discrepancy in numbers versus what is in the MS4 system.

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:

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 3 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 4 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree

- Develop a report assessing current street design and parking lot guidelines and other local requirements within the municipality that affect the creation of impervious cover
- Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist
- Identify a minimum of 5 permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious areas

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)

Provide any additional details on activities planned for permit year 4 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:

Milagros Puello, P.E.

Title:

Water Commissioner

Signature:



Date:

9/23/2021

[Signatory may be a duly authorized representative]