

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

Impairment(s)

- ☒ Bacteria/Pathogens
 ☐ Chloride
 ☐ Nitrogen
 ☒ Phosphorus
☐ Solids/ Oil/ Grease (Hydrocarbons)/ Metals

TMDL(s)

- In State:**
☐ Assabet River Phosphorus
 ☒ Bacteria and Pathogen
 ☐ Cape Cod Nitrogen
☐ Charles River Watershed Phosphorus
 ☐ Lake and Pond Phosphorus
Out of State:
☐ Bacteria/Pathogens
 ☐ Metals
 ☐ Nitrogen
 ☐ 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 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:

Permit year 5 and 6

- 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:

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:

<https://www.burlington.org/329/Stormwater-Management-Program>
- ☒ 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:

All permittee-owned treatment structures to be inspected/cleaned in tandem with town-wide catch basin cleaning this fall.

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:

In 2020/Year 3 we contacted all residents with possible septic systems and removed several from the list; all received information about the importance of maintenance. There are very few septic systems in Burlington.

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)

Phosphorus Source Identification Report

- ☒ Completed the Phosphorus Source Identification Report
- ☒ The Phosphorus Source Identification Report is attached to the email submission
- ☐ The Phosphorus Source Identification Report can be found at the following website:

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:

A Nutrient (Phosphorus) Source Identification report was produced this permit year and will be used as a baseline against which Phosphorus being removed by existing structural BMPs will be tracked beginning in the next permit year.

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

Burlington received an MVP grant to assess climate-change effects like flooding and heat islands in the Vine Brook watershed, which has a TMDL, resulting in 6 nature-based solutions. Such solutions, one of which is likely to be the subject of a future grant, would also provide enhanced nutrient removal over traditional gray infrastructure.

Burlington is also updating the Stormwater Bylaw to lower the thresholds under which a permit will be required. It is anticipated that more stormwater will be infiltrated in the future.

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:

Vine Brook (MA83-06 in Burlington) now impaired for DO and TSS and not for Fecal coliform.

Long Meadow Brook (MA83-11 In Burlington) now has a TMDL for E. coli.

Sandy Brook (MA83-13 in Burlington) now has a TMDL for E.coli.

Lubbers Brook (MA92-05 outside Burlington) now impaired for E. Coli and DO but not for non-native plants or siltation

Ipswich River (MA92-06 outside Burlington) now impaired for DO.

Maple Meadow Brook (MA92-04 outside Burlington) now impaired for DO.

The Mystic River Watershed, which extends into the southeastern portion of the Town of Burlington, received an Alternative TMDL for Phosphorus in 2020. Burlington was already listed as a municipality that discharges to waterbodies that are impaired due to phosphorus, or their tributaries.

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: Pool & Spa Water Drainage (1-A)

Message Description and Distribution Method:

Posted MyRWA's clean water tip about draining pool water on September 20, 2021

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Burlington Conservation facebook post on Sept 21, 2021 reached 96 people w 1 engagement.
Tweet same day earned 403 impressions, 23 engagements, 5 likes and 3 retweets.

Other:

MyRWA shared social media post and/or video to the MyRWA Facebook page on September 24, 2021; 194 people reached, 1 reaction, 0 shares, 0 comments
Video on MyRWA Twitter page on September 26, 2021 gained 3 likes, 1 retweet, 250 impressions, 9 engagements

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:

We are engaging more through social media than envisioned when NOI submitted.

BMP: Salt/de-icing use and storage (1-B)

Message Description and Distribution Method:

Post clean water tip about skipping salt and using de-icer prudently.

Targeted Audience:

Responsible Department/Parties: Conservation Department

Measurable Goal(s):

Social media post to the Conservation Facebook on 12/22/21 reached 83 with 1 like
Tweet earned 383 impressions and 4 likes and 8 engagements
Different post to Facebook on 02/15/22 reached 228, with 5 engagements, 4 likes; one share

Other:

MyRWA posted to Facebook on Dec 21, 21 reaching 522 people. with 11 reactions, 3 shares, 0 comments and 9 click links.

MyRWA shared video to MyRWA Twitter page on Dec 22, 21, gaining 4 likes, 1 retweets, 2 comments, 883 impressions and 21 engagements.

MwRWA shared to Twitter page in Spanish on Jan 6, 2022 getting 4 likes, 1 retweet, 0 comments, 345 impressions and 10 engagements.

MyRWA posted to MyRWA Instagram stories on Jan 6, 2022 reaching 120 people.

Message Date(s): December 22, 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:

Using social media more than expected in NOI. Brochures mailed in 2019.

BMP: Sediment & erosion control practices and permitting information (1-C)

Message Description and Distribution Method:

Sent email to >200 recent recipients of construction building permits highlighting importance of soil stabilization, erosion control and protecting neighbors and waterways, attaching flyers and providing links to Town Stormwater Page and thinkbluemasachusetts.
Post on Facebook with construction project tips.

Targeted Audience: Developers (construction)

Responsible Department/Parties: Conservation Department

Measurable Goal(s):

~200 developers targeted by email
Conservation Department facebook post reached 1,606, with 8 likes and 2 shares

Other:

PSA from MyRWA about Low-Impact Development ran on BCAT in August 2021

Message Date(s): August 16, 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: Stormwater Infiltration Program (1-E)

Message Description and Distribution Method:

Conduct program to encourage on-site stormwater infiltration and provide general stormwater facts to the public, using website, local media, social media, Town events.

Targeted Audience: Residents

Responsible Department/Parties: Conservation Department

Measurable Goal(s):

Burlington Stormwater Management Program webpage got 281 hits this permit year.

Post encouraging residents to clear stormdrains ahead of incoming rainstorm (on 09/01/21) reached 4,068 with 52 likes, 8 comments, 1 negative reaction and 11 shares. Retweet of 10/25/21 post by DPW got 4 retweets and 9 likes.

Conservation facebook post about proposed changes to Stormwater Bylaw (on 02/18/22) reached 238 with 1 like, 1 comment and 1 share.

MyRWA video about how trash gets into streams posted on Conservation Facebook (on 03/28/22) reached 78, with 5 likes and 1 share; and on Twitter getting 111 impressions and 2 engagements.

Automated phone calls regarding full water ban in May reached approx 75% of residents.

Sold 39 items in Rain Barrel program. Post about sale on facebook [04/29/22 post reached 3,397, with 23 likes, 6 comments and 9 shares; same post forwarded to Residents Network got 3 reactions; post that it went smoothly on 06/27/22 reached 145 with 5 likes and 1 comment]

Tweet about sale on April 20, 2022, getting 594 impressions, 26 engagements, 3 likes, 5 retweets. Retweet by DPW got 3 likes and 5 retweets.

Cleanwater tip on Facebook (11/16/21) about street sweeping reached 389, with 7 likes, one comment and one share.

Other:

On behalf of the members of the MyRWA Collaborative, Think Blue Massachusetts ran an educational advertising campaign from May 31st to June 17th, 2022. In Burlington, the English language Facebook/Instagram post had were 10,781 impressions and the Spanish language post had 1,658 impressions; the English language YouTube video had 17,962 impressions and the Spanish language version had 2,130 impressions.

At the request of MyRWA, Burlington Cable Access Television played the Think Blue Rubber Duckies PSA between April and August 2022. 15% of residents in Massachusetts' MS4 communities remembered the ad; those who remember the ad are more aware of how stormwater pollutes waterways; and they are also more likely to recognize that stormwater pollution affects people.

Message Date(s): 11/16/21, 02/18/22, 03/28/22, 04/29/22, 06/27/22, PSA April 2022

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:

We are using social media more than expected in the NOI.

BMP: LID (1-G)

Message Description and Distribution Method:

Encouraging consideration and use of LID, using displays, website and social media; educating town staff and boards.

Targeted Audience: Developers (construction)

Responsible Department/Parties: Conservation Department

Measurable Goal(s):

Conservation facebook post about proposed changes to Stormwater Bylaw (on 02/18/22) reached 238 with 1 like, 1 comment and 1 share and Tweet same day garnered 522 impressions, 34 engagements, 5 likes and 2 retweets. Planning Department retweet got 2 retweets and 5 likes.

Conservation Commission had an open public hearing about proposed changes to the Bylaw from February 2022 through June 2022 during which time meetings with the Stormwater Committee, the Board of Health and Planning also occurred; versions were posted on website and email sent to approx 110 developers in town (on 02/24/22) explaining changes and encouraging feedback.

Other:

Low-Impact Development PSA was shared 178 times on Burlington Cable Access Television since August 2021.

Message Date(s): 02/12/22 social media, 02/24/22 email, open hearing Feb through June 22.

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: (I) Dog Waste Reduction & (J) Owner Education (2)

Message Description and Distribution Method:

Distributed regulatory notice containing information about the importance of picking up dog waste to dog owners with new licences or renewals.

Social media posts encouraging residents to pick up after their dogs.

Targeted Audience: Residents

Responsible Department/Parties: Conservation Department & Town Clerk

Measurable Goal(s):

The Clerk's office issued 1500 notices to dog owners with license renewals.

Shared social media post to DPW and Conservation twitter and facebook on June 6, 22 which got 183 views, 4 likes, and 1 share.

Tweeted scoop the poop Clean Water Tip on June 6, 2020, getting 303 impressions, 8 engagements, 4 likes and 1 retweet

Retweeted Central Mass Reg Stormwater Coalition tweet about bagging dog poop.

Still no dog poop bags in Erin Lane wetland following installation of dog waste signs in 2019.

Other:

MyRWA shared social media post to their Facebook page on June 26, 2022 reaching 298 people, with 2 reactions, 1 share, 0 comments and 4 click links.

MyRWA shared post to their Twitter feed on June 27, 2022 getting 3 likes, 1 retweet, 0 comments and 257 impressions.

Message Date(s): 06/06/22; notices with dog licences throughout year

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:

Added social media posts.

BMP: (1-K) Phosphorus Runoff Reduction - Grass and (1-L) Leaves (inc pesticides & fertilizer) (2)

Message Description and Distribution Method:

(K) Distribute annual message in Spring encouraging proper use of and disposal of grass clippings and proper use of slow-release and phosphorus-free fertilizer. (L) Distribute annual message in Fall encouraging proper disposal of leaves.

Targeted Audience: Residents

Responsible Department/Parties: DPW & Conservation

Measurable Goal(s):

Posted MyRWA's leaf litter video on Conservation Facebook on October 13, 2021, reaching 223 with 5 likes and 2 shares, and Twitter post got 388 impressions, 7 engagements, 2 likes and 2 retweet.

A Sept 1, 2021 post about clearing leaves and debris from stormdrains reached 4010 people with 244 engagements, 3 likes and 11 shares; similar tweet on Oct 25, 2021 got 975 impressions, 58 engagements, 9 likes and 4 retweets; Planning Dept retweet on Oct 25 for 9 likes and 4 retweets.

Posted make way for street sweepers on Conservation Facebook on Nov 16, 2021 reaching 389 with 7 likes, 1 comment and 1 share, and on Twitter getting 658 impressions, 23 engagements, 3 likes and 2 retweets;

Planning Dept retweet got 3 likes and 2 retweets.

Tweet about bagging or composting grass clippings on June 21, 2022, getting 213 impressions, 4 engagements, 2 likes and 1 retweet.

Other:

MyRWA shared their leaf litter video to the MyRWA Facebook page on October 16, 2021, reaching 214 people, with 5 reactions, 2 shares, 1 comments, 7 link clicks.

MyRWA shared video to the MyRWA Twitter page on October 17, 2021, getting 6 likes, 5 retweets, 1 comment, and 1144 impressions and 22 engagements.

Message Date(s): 10/13/21, 10/17/21 11/16/21,

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 Stormwater Management Plan (SWMP) is posted in the stormwater management page (here: <https://www.burlington.org/329/Stormwater-Management-Program>), which is linked from both the Conservation and DPW pages. The Stormwater Management page had 281 page views in this permit year. All documentation required in the SWMP, including all brochures produced for public education and outreach, the IDDE Plan and training materials, and all Operations and Maintenance Procedures and Standard Operating Procedures required for the Good Housekeeping MCM are available on the Stormwater Management Page.

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:**

The Town participated in a rain barrel distribution program, selling 39 items.

Conservation again proposed to amend the Stormwater (Erosion & Sedimentation Control) Bylaw to lower thresholds under which a permit is required, designating NOAA14+ rainfall data for design and requiring engineered plans for more projects. The amended Bylaw will be voted upon by Town Meeting in September 2022.

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:*

MS4 system mapping is about 95% complete.

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:*

Burlington has approximately 340 outfalls, almost all of which were located, inspected for condition and flow in the summers of 2017 and 2018. A handful were either not located or were found some way off from the expected location and the records were updated to reflect field truthing.

In the summers of 2018, 2019, 2020 and 2021 all of the outfalls that had been observed to have flow at any time were targeted for dry weather sampling. In that time, only approximately 39 outfalls had flow during dry weather conditions when visited, each of which one was sampled, some repeatedly.

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:

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**:

Three summer staff were trained in IDDE detection and stormwater screening and sampling procedures in June/July 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: 85

Number of inspections completed: 417

Number of enforcement actions taken: 2

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

250+ inspections were on 30 properties with Stormwater/Erosion Control permits;

165+ inspections were on 58 properties with wetland permits.

One (wetland) enforcement order was issued in summer 2021 for removal of culvert without permission or erosion controls. New NOI was submitted. New project was approved for stream restoration and footbridge crossing with erosion controls.

A second project was stopped when work ran beyond approved scope. The Conservation Commission allowed work to continue with wetland enhancements.

There were around 25 instances of either complaints from neighbors or direct observations of erosion controls being overtopped or missing or contractors directing site water into catchbasins that led to a request that the issue be addressed immediately; it usually was.

MCM5: Post-Construction Stormwater Management in New Development and Redevelopment**Ordinance or Regulatory Mechanism**

Date update was completed (due in year 3): Aug 31, 2021 approved by AG

As-built Drawings

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

Number of as-built drawings received: 10

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

8 as-built drawings were for wetland permits, which may also serve as stormwater/erosion control permits, and 2 were for Standard (with Commission hearing) Stormwater/Erosion control permits.

Retrofit Properties Inventory

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

Town Hall Complex (Town Hall, Town Hall Annex and Fire Station 1) 21-29 Center Street
Francis Wyman Elementary School, 41 Terrace Hall Avenue
Pine Glen Elementary School, 1 Pine Glen Way
Simonds Park, 10 Bedford Street
TRW Playground, 26 Burlington Mall Road

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: [Select Units]

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:

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: [Select Units]

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:

Stormwater management improvements in town include:
Reconstruction of parking lots at 70 Mill Street (Rahanis Park) including managing stormwater from both lots in grassed swales and a reduction in impervious surface;
(Underway) construction of a new DPW garage at 1-3 Great Meadow Road with deep-sump catch basins, stormceptors and infiltration units on a site that previously had no stormwater management.

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:

Burlington will begin to quantify phosphorus removed by municipal BMPs and will evaluate the facilities identified as likely retrofit subjects.

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]*