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 Organi	zation: Town of Burli	ngton		
EPA NPDES Permit Number: M	IAR041030			
Primary MS4 Program Manag	er Contact Informat	ion		
Name: Eileen Coleman		Title:	Assistant Conse	rvation Administrator
Street Address Line 1: Town of	Burlington, Conservat	ion Depa	artment	
Street Address Line 2: 25 Center	Street			
City: Burlington State: MA		Zip Co	de: 01803	
Email: ecoleman@burlington.org		Phone Number: (781) 270-1655		
Stormwater Management Prog	particular and the second		nmunity develo	nment/
SWMP Location (web address):	http://www.burlington.org/community_development/stormwater_management.php			
Date SWMP was Last Updated:	Jul 16, 2020			
If the SWMP is not available on	the web please provid	le the ph	ysical 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(<u>(s)</u>			
	⊠ Bacteria/Pathogens	☐ Chloride	☐ Nitrogen	
	☐ Solids/ Oil/ Grease (Hy	ydrocarbons)/ Meta	ls	
TMDL(s)				
In State:	Assabet River Phospho	orus 🗵 Bac	teria and Pathogen	☐ Cape Cod Nitrogen
	☐ Charles River Watersh	ed Phosphorus	☐ Lake and Pond	Phosphorus
Out of State:	☐ Bacteria/Pathogens	☐ Metals	□ Nitrogen	☐ Phosphorus
			Cl	ear Impairments and TMDLs
	npleted that permit requires dditional information will b			
Stronger Constitution (Constitution of the Constitution of the Con		nina		
	leted Phase I of system map			
	oped a written catchment in		20	
⊠ Develo	oped written procedures to rion and maintenance of con	require the submiss apleted construction	ion of as-built drawing a sites and added these	gs and ensure the long term e procedures to the SWMP
⊠ Enclos	sed or covered storage piles	of salt or piles con	taining salt used for de	eicing or other purposes
⊠ Develo	oped written operations and les, and vehicles and equipn	maintenance proce	edures for parks and op se procedures to the SV	oen space, buildings and WMP
Development Development	oped an inventory of all perngs and facilities, and vehic	mittee owned facilities and equipment	ties in the categories of and added this inventor	of parks and open space, ry to the SWMP

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:

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 perated facilities: maintenance garages, public works yards, transfer stations, and other waste handling

facilities where pollutants are exposed to stormwater

A SWPPP has been developed for the salt shed, at which sludge and road sweepings are stored in unroofed enclosures.

A new facility for DPW Central Maintenance and Parks & Rec storage and offices is under construction. A

SWPPP will be developed for the new facility in Spring 2021.

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:

DPW and Rec Department maintenance staff did not receive in-person IDDE training intended for Spring 2020 due to Covid-19 disruptions.

Bacteria/ Pathogens (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)

<u>Annual Requirements</u>

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
- \square 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:

The vast majority of homes in Burlington connect to the town's sewer system. A program to identify and

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

C 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 E. coli.

Long Meadow Brook (MA83-11 In Burlington) now impaired for E. coli.

Sandy Brook (MA83-13 in Burlington) now impaired for E.col,

Shawsheen River (MA83-17 outside Burlington) now impaired for E. Coli and not for DO.

Lubbers Brook (MA92-05 outside Burlington) now impaired for E. Coli and DO

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: 8
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 Message Description and Distribution Method: Distribute pool drainage guidelines.
Targeted Audience: Residents
Responsible Department/Parties: Conservation Department
Measurable Goal(s):
Disseminated brochures containing pool drainage guidelines to 125 residents who had installed pools within the previous 5 years.
Message Date(s): August 2019
Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☐ Was this message different than what was proposed in your NOI? Yes C No
BMP: Salt/De-icing Use & Storage Message Description and Distribution Method: Developed and distributed a salt/de-icing materials use and storage brochure.
Targeted Audience: Businesses, institutions and commercial facilities
Responsible Department/Parties: Conservation Dept & DPW
Measurable Goal(s):
900 brochures distributed with quarterly commercial water/sewer bill

own of Burlington Page 8
Message Date(s): October 2019
Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☐ Was this message different than what was proposed in your NOI? Yes ○ No ⑥
If yes, describe why the change was made:
BMP: Industrial materials storage information
Message Description and Distribution Method:
Develop and distribute industrial materials storage information.
Targeted Audience: Industrial facilities
Responsible Department/Parties: Conservation Dept & Board of Health
Measurable Goal(s):
Mailed stormwater pollution prevention brochure to 110 industrial operations with hazardous materials permit.
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 C No •
If yes, describe why the change was made:
BMP: Stormwater Infiltration Program 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):
Recorded hits on Town Website stormwater management page - 192 visits between July 2019 and July 2020. Tweet inviting review of SWMP on 7/19/19 got 140 impressions and similar Facebook post reached 1985 with 205 engagements. Instagram and Facebook post encouraging residents to clear snow and ice from stormdrains on 2/13/20 reached 980 with 65 engagements.

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Post of USEPA's Why are Wetlands Important on 7/17/19 got 437 impression Facebook post on 6/30/2020 encouraging prudent use of lawn sprinklers reach engagements. Tweets about classes on watersaving plants and gardening and composting in	ned 1112 people with 201
Message Date(s): 7/17/19, 7/19/19, 7/29/19, 2/13/20, 7/6/20, 7/7/20	
Message Completed for: Appendix F Requirements ☐ Appendix H Red	quirements [
Was this message different than what was proposed in your NOI? Yes •	No C
If yes, describe why the change was made:	
We are engaging more in social media than envisioned when NOI submitted.	
BMP: (I) Dog Waste Reduction & (J) Dog Owner Education	
Message Description and Distribution Method:	
Added information about the importance of picking up dog waste to regulator with licences.	
Developed door hangers about importance of clearing dog waste and targeted	streets with repeated complaints
about dog waste issues. Attached metal No Dumping, Drains to Wetlands markers onto or close to cat	chbasins around town
throughout July and August 2019.	
Installed metal signs in September 2019 admonishing residents to Pick Up Af	
like Erin Lane with known accumulations of dog waste bags in wetlands and a Social media posts encouraging residents to Scoop the Poop	recreation fields.
Targeted Audience: Residents	
Responsible Department/Parties: Conservation Department & Town Clerk	
Measurable Goal(s):	
Distributed 1250 dog waste education flyers to residents between July 2019 and in March 2020.	nd 2020, and 35 at Rabies Clinic
Placed hangers on 103 doors on streets with reported dog waste problems.	
Attached approx. 50 metal plates to catchbasins around town.	
Installed 2 vertical Pick Up Dog Waste signs on Erin Lane. Number of dog po	op bags in Erin Lane wetland
was >100 in June 2019, 0 in June 2020. Scoop the Poop tweet on 6/20/10 garnered 3203 impressions and 23 interaction	ns. Facebook post on 6/22/19
reached 769 with 53 engagements.	
Message Date(s): July, August, September, November & December 2019, sign	ns ongoing.
Message Completed for: Appendix F Requirements Appendix H Rec	quirements 🗵
Was this message different than what was proposed in your NOI? Yes ©	No C
If yes, describe why the change was made:	
Message was the same, methods of dissemination changed on the ground.	

Message Description and Distribution Method:
Distribute annual message in spring encouraging proper use of and disposal of grass clippings and proper use of slow-release and phosphorus-free fertilizer.
Targeted Audience: Residents
Responsible Department/Parties: Conservation & DPW
Measurable Goal(s):
Social media posts about bagging grass clippings on 6/20/20 and 6/29/20 reached 2540 with 77 engagements
Message Date(s): June 20 and 29, 2020
Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☒
Was this message different than what was proposed in your NOI? Yes C No •
If yes, describe why the change was made:
BMP: Phosphorus Reduction - Leaves Message Description and Distribution Method: Distribute annual message in the Fall encouraging proper disposal of leaves.
Targeted Audience: Residents
Responsible Department/Parties: Conservation & DPW
Measurable Goal(s):
Bag your Leaves facebook post on 9/13/19 reached 506 with 26 engagements.
Message Date(s): September 13, 2019
Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☐
Was this message different than what was proposed in your NOI? Yes C No 6
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 on the Stormwater Management page, which is linked from the Conservation main page and the DPW main page. A tweet from the Conservation Department on July 19, 2019 inviting residents to review the SWMP amassed 140 impressions. The same invitation on the Burlington DPW Facebook page reached 1985, with 205 engagements. No residents commented on the SWMP.

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 C No •

Describe any other public involvement or participation opportunities conducted **during this reporting period**: The flyer containing information about dog licensing and the importance of keeping dog waste out of the environment and stormwater was distributed to 468 drivers dropping off hazardous waste on September 21, 2019.

The Town of Burlington is a member of the Northern Middlesex Stormwater Coailition (NMSC). On behalf of its member municipalities, NMSC undertook the following activities:

- A. Trainings and Meetings:
- 1. 7/9/19-EPA Workshop-Stormwater Financing: Innovative Opportunities to Help You Address Your Stormwater Challenges
- 2. 7/10/19 EPA and USDA Webinar: Funding Landscape-scale Nutrient Reductions
- 3. 7/30/19-Soak Up the Rain Webinar- Planning and Implementing Climate Smart Parks in Massachusetts
- 4. 7/31/19 Webinar on Stormwater Compliance Success; Using Proactive BMPs to Minimize Regulatory Discharges
- 5. 8/1/19 Statewide Stormwater Coalition Meeting, including ThinkBlue webinar on taking credit for social media in the Annual Report
- 6. 8/9/19 Merrimack River Awareness Event hosted by Senator Kennedy
- 7. 8/14/19 -NMSC Training Session on Annual Reporting (provided by EPA and DEP) and water quality test kits (Tighe and Bond)
- 8. 8/16/19 Met with Westford officials, DPE, EPA and legislators to discuss stormwater funding options
- 9. 8/22/19-EPA webinar on the MS4 Annual Report requirements
- 10. 8/28/19-Soak Up the Rain Webinar: Accelerating Statewide Green Infrastructure Investment in Rhode Island
- 11. 9/10/19 EPA Webinar: Using Notification Techniques to Bring Facilities Back to NPDES Compliance
- 12. 9/10/19 FEMA Webinar-Ethical and Efficient Infrastructure Resilience
- 13. 9/12/19- EPA Webinar: Centering the Community in Resilience Planning
- 14. 9/24/19 Soak Up the Rain Webinar: Goin' Mobile-Mapping Your Stormwater Assets
- 15. 10/9/19 Urban Waters Learning Network Webinar: After the Storm-Equitable Recovery and Resilient Adaptation
- 16. 10/10/19 North Shore/Merrimack Valley Floodplain Management Works

- 17. 10/15/19 MS4 Assistance Grant Bidders Conference
- 18. 10/19/19 Massachusetts Association of Conservation Commissions Annual Conference
- 19. 10/28-29/20 National Stormwater Center Inspector Training in Waltham
- 20. 10/29/19 Merrimack Valley Smart Growth Conference
- 21, 10/30/19 Forum on the 2019 DER Culvert Replacement Grant Program
- 22. 11/2/19 FEMA Webinar: The Past, Present, and Future of Hazard Mitigation Assistance
- 23. 11/7/19 Statewide Stormwater Collaborative Meeting
- 24. 11/13/19 NMSC Meeting with presentation by DEP and EPA on Year 2 Requirements
- 25. 11/13/19 2019 Regional Conservation Partnership Conference on Natural Climate Solutions for All
- 26. 11/191/9 MassDOT Rivers and Roads Training on Fluvial Geomorphology and Road Design
- 27. 12/5/19 Soak Up the Rain Webinar: Collaborative Stormwater Management in Central Massachusetts
- 28. 12/17/19 Soak Up the Rain Webinar: Rain Gardens for Residents on Aquidneck island
- 29. 1/6/20 Soak Up the Rain Webinar: Building resilience Through Living Shorelines
- 30. 1/7/20 NOAA Workshop: Building the Case on Our Changing Climate-Accessing and Understanding Data
- 31. 1/11/20- NEIWPCC Webinar on Think Blue Massachusetts
- 32. 2/6/20 Statewide Stormwater Coalition Meeting
- 33. 2/27/20 –Soak Up the Rain Webinar: EPA's Watershed Management Optimization Support Tool (WMOST)
- 34. 3/26/20 -NMSC Meeting with presentation by DEP and EPA on MS4 permit changes
- 35. 3/26/20 Soak Up the Rain Webinar: Site Remediation and Green Infrastructure Practices on Contaminated Properties In Chelsea, MA
- 36. 3/31-4/1/20 NEIWPCC Conference on "The Science of PFAS: Public Health and the Environment"
- 37. 4/16/20 Statewide Stormwater Coalition Meeting
- 38. 4/30/20 Webinar: Impervious Cover Disconnection Project- An Integrated Stormwater Management Approach
- 39. 5/5 and 5/7/20 Remote IDDE Implementation Training provide by Central Mass Stormwater Coalition
- 40. 5/7/20 Soak Up the Rain Webinar: Effective Public Outreach in Massachusetts MS4 Communities
- 41. 5/7/20 Statewide Stormwater Coalition virtual meeting
- 42. 5/8/20 WPI Webinar on Managing Algae Blooms, Managing NPDES Compliance Costs, and Promoting Stormwater through school curriculum
- 43. 5/14/20 Soak Up the Rain Webinar: Reaching Public Consensus on Stormwater Funding in Ashland, MA
- 44. 5/21/20 NMSC MS4 Grant Workshop #1: Project Kick-off and Stormwater Code Self-Assessment
- 45. 6/10 and 6/16/20 IDDE Training Webinar (recorded) provided by Central Mass Stormwater Coalition
- 46. 6/11/20- Soak Up the Rain Webinar: Community Buy-in for Stormwater Funding
- B. Public Education and Outreach:
- 1. Distributed customizable brochures and leaflets
- 2. Provided Enviroscape model to participating communities for various community events
- 3. Worked with community groups such as Girls Inc., Lowell Charter School, the YWCA, and the Scouts on stormwater education
- 4. Used social media accounts for community education
- 5. Rebuilt stormwater website for migration to a new platform
- 6. Distributed ThinkBlue outreach results to NMSC communities for inclusion in the annual report
- C. GIS and other technical tools and information:
- 1. Provided training on stormwater data collection
- 2. Pursued GPS joint purchase for interested NMSC communities
- 3. Assisted communities with MS4 mapping requirements

- 4. Provided training on using the Year 2 reporting template
- 5. Provided training on field data collection and recording
- 6. Provided customized GIS assistance to individual communities based on needs and requests
- D. Grant Opportunities:
- 1. Distributed information on the Massachusetts Division of Ecological Resources Culvert Replacement Grant opportunity
- 2. Distributed information on the National Wildlife Federation's Five Star and Urban Waters Restoration Grant program
- 3. Distributed information on the DEP 604(b) and 319 grant programs
- 4. Distributed information on DEP's MS4 Municipal Assistance Grants, developed application and secured a \$65K grant to assist NMSC communities with code revisions and regulation development, permit tracking tool, etc.
- 5. Distributed information on the State's Municipal Vulnerability Preparedness Grant Program; Distributed information on the MEMA/FEMA Pre-Disaster Mitigation and Flood Mitigation Assistance grant programs
- 6. Distributed information on the Department of Fish and Wildlife In Lieu Fee Program for Aquatic Resource Preservation and Restoration
- 7. Distributed information on the NFWF and Wells Fargo Resilient Communities Grant Program, the TD Bank Green Spaces Grant, NOAA Bay Watershed Education and Training Grant, and DOI BOS WaterSMART Grant.
- 8. Distributed information on Toxics Use Reduction Institute Grants (TURI).

On behalf of the members of the Northern Middlesex Stormwater Collaborative, Think Blue Massachusetts ran an educational advertising campaign from May 16th to July 5th, 2019.

Burlington had 39,019 Instagram/Facebook impressions and 32,042 YouTube ad impressions.

The post campaign survey revealed that:

- 17% of residents surveyed recalled seeing the ads, up from 15% in 2019 and 8% in 2018.
- Those who recall the ad are more likely to recognize that stormwater goes directly to local waterways (52%) than those who do not recall the ad (32%).
- Those who recall the ad are more likely to describe stormwater has having "major" or "some" impact on waterways (49%) than those who do not recall the ad (31%).

The Think Blue Massachusetts Facebook account has approximately 300 followers and averages approximately 3,000 reaches per month

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 be	cause we DO NOT have sanitary sewer
Below, report on the number of SSOs identified in the M	AS4 system and removed during this reporting period.
Number of SSOs identified: 0	
Number of SSOs removed: 0	

MS4 System Mapping

Below, check all that apply.
The following elements of the Phase I map have been completed:
○ Outfalls and receiving waters
Municipally-owned stormwater treatment structures
☐ 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:
Summer staff have been identifying and adding BMPs permitted for commercial and residential enterprises to the 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
C 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: 34
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
C 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: 2
Below, report on the percent of catchments investigated to date.
Percent of total catchments investigated: 0.6
Optional: Provide any additional information for clarity regarding the catchment investigations below:
Two catchments were investigated following high E. coli results. In one investigation, it was found that the
stormwater system draining directly to the outfall was dry, so the source was entering a stream upstream. Further investigation revealed that wildlife was the source of E. coli in the stream flowing through the culvert

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Town of Burlington Page 15 at that location. In the other catchment, it was also determined that raccoons and other wildlife appear to the the source of the high E. coli levels. **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 C 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: 0 Number of illicit discharges removed: 0 Estimated volume of sewage removed: 0 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: 0 Total number of illicit discharges removed: 0 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 the reporting period:

Four summer staff were trained in IDDE detection and stormwater screening and sampling procedures in June/July 2020.

SWMP Team Coordinator and MS4 Coordinator undertook training to become a Certified Stormwater Inspector in October 28 and 28, 2019;

got credentials in

Calculating Runoff in August 2019, BMP Selection in March 2020

Stormwater Violations & Tips to Avoid Them in April 2020,

Non-structural BMPs in April 2020;

Addressing Stormwater Compliance on Construction Projects using "The 3 C's of Stormwater" in May 2020; participated in the IDDE Training Workshop sponsored by CMRSWC and presented by Fuss & O Neill in May 2020.

She also attended the following webinars:

Accelerating Statewide Green Infrastructure webinar on August 28, 2019,

the EPA Soak up the Rain Stormwater Mapping Webinar on Sept 28, 2019;

EPA Soak Up the Rain Webinar: Collaborative Stormwater Management in Central Massachusetts on Dec 5, 2019.

EPA Soak Up the Rain Webinar: Rain Gardens for Residents on Aquidneck Island on December 17, 2019; NOAA Workshop: Building the Case on Our Changing Climate-Accessing and Understanding Data on Jan 7,

2020, Soak Up the Rain Webinar: Effective Public Outreach in Massachusetts MS4 Communities on May 5, 2020,

Information Session: MA MS4 general permit draft modifications on May 7, 2020,

attended the MACC conference on Feb 29, 2020;

attended the NMSC Meeting with presentation by DEP and EPA on MS4 permit changes on March 26, 2020,

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: 46

Number of inspections completed: 160

Number of enforcement actions taken: 0

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

Site plan reviews and inspections were conducted for 28 Stormwater/Erosion & Sedimentation Control permits issued in year 2 of the permit and for 18 Wetland permit applications that involved stormwater management.

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.

- O Bylaw, ordinance, or regulations are updated and adopted consistent with permit requirements
- C 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:

Section 6.9 of the Burlington Stormwater Bylaw Governing Erosion and Sedimentation Control for new and redevelopment projects during construction and post-construction periods requires submission of an Operations and Maintenance Plan for land disturbing activity over 20,000 square feet or 500 cubic feet. Section 6.16 of the Bylaw states that Upon completion of the work and if required by the issuing Commission/Board, the permittee shall submit a report (including certified as-built construction plans) from a Professional Engineer (P.E.), surveyor, certifying that all erosion and sediment control devices, and approved changes and modifications, have been completed in accordance with the conditions of the approved permit.

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:	

Green Infrastructure Report Describe the status of the green infrastructure report due in year 4 of the permit term, including the findings
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:
Report not yet 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 bee modified or retrofitted:
Inventory not yet commenced.

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: 558

Number of site inspections completed: 0

Describe any	corrective actions taken at a facility with a SWPPP:
	none i guitare deservice
	Additional Information
Results from a reporting perio	r Study Results ny other stormwater or receiving water quality monitoring or studies conducted during the od not otherwise mentioned above, where the data is being used to inform permit compliance or eness must be attached.
0	Not applicable
0	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):
	ring or studies were conducted on your behalf or if monitoring or studies conducted by other eported to you, a brief description of the type of information gathered or received shall be w:
Additional In	<u>formation</u>
	er any additional information relevant to your stormwater management program implementation orting period. Include any BMP modifications made by the MS4 if not already discussed above
COVID-19 In	<u>ipacts</u>
Optional: If a please identify	ny of the above year 2 requirements could not be completed due to the impacts of COVID-19, of the requirement that could not be completed, any actions taken to attempt to complete the and reason the requirement could not be completed below:
In-person IDI	DE training did not occur in spring of 2020 as staff were working from home.

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	en, or will be, updated to comply with all applicable permit to the year 3 requirements summarized below. (Note: impaired waters
•	tions (excluding Problem and Excluded outfalls) for the presence of
dry weather flow	dry weather screening becomes available
- Complete follow-up ranking as	dry weather screening becomes available
Annual Requirements	
- Annual report submitted and ava	to the same of the
	participation in review and implementation of SWMP
	mit available for 5 years and make available to the public atch basin cleanings and street sweepings so they do not discharge to
receiving waters	tion basin eleanings and street sweepings so they do not disentinge to
- Annual training to employees in	nvolved in IDDE program
	locations where SSOs have discharged to the MS4
 Continue public education and of 	A 1771
	tion inventory and priority ranking and include data collected in
- Implement IDDE program	r screening and other relevant inspections conducted
	on sites as part of the construction stormwater runoff control program
- Conduct site inspection of const	
- Inspect and maintain stormwate	
- Log catch basins cleaned or insp	
- Sweep all uncurbed streets at lea	
The second secon	hments associated with Problem Outfalls
and facilities, and vehicles and e	tee owned facilities in the categories of parks and open space, buildings equipment; update if necessary
does de tain il agent deux elemente de l'entre de l'ent	The American Section of the Section
Provide any additional details on activition	es planned for permit year 3 below:
The Burlington Stormwater Bylaw will b	be updated and adopted consistent with permit requirements.

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:	Paul F. Sagarino, Jr.	Title: Town Administrate	Title: Town Administrator	
Signature	Paul F. San D.	Date: 9/14/20		
	[Signatory may be a duly authorized			