Year 7 Annual Report
Massachusetts Small MS4 General Permit
Reporting Period: July 1, 2024-June 30, 2025

Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form. Also ensure any websites included on this form are to publicly accessible sites

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, 2024 and June 30, 2025 unless otherwise requested.

Part I: Contact Information

Name of Municipality or Organization: Town of Lexington, MA

EPA NPDES Permit Number: MAR041042

Primary MS4 Program Manager Contact Information

Name: John Livsey Title: Town Engineer

Street Address Line 1: 201 Bedford Street

Street Address Line 2:

City: Lexington State: MA Zip Code: 02420

Email: jlivsey@lexingtonma.gov Phone Number: (781) 274-8311

Stormwater Management Program (SWMP) Information

SWMP Location (publicly available web address): https://www.lexingtonma.gov/DocumentCenter/View/587/2022-Stormwater-Management-Plan-PDF

Date SWMP was Last Updated: July 28, 2023

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)

- [x] Bacteria/Pathogens
- [x] Chloride
- [ ] Nitrogen
- [ ] Phosphorus
- [x] Solids/ Oil/ Grease (Hydrocarbons)/ Metals

TMDL(s)

In State:

- [ ] Assabet River Phosphorus
- [x] Bacteria and Pathogen
- [ ] Cape Cod Nitrogen
- [x] 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 7 Requirements

- [x] Completed catchment investigations associated with Problem Outfalls
- [ ] Completed catchment investigations where information gathered on the outfall/interconnection indicated sewer input

Annual Requirements

- [x] Provided an opportunity for public participation in review and implementation of SWMP and complied with State Public Notice requirements
- [x] 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 publicly available website:
- [x] Updated system map due in year 10 with information from completed catchment investigations
- [x] Provided training to employees involved in IDDE program within the reporting period
- [x] Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters

- [x] All curbed roadways were swept at least once within the reporting period
- [x] Enclosed all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- [x] Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities
- [x] Updated inventory of all permittee owned facilities as necessary
- [x] O&M programs for all permittee owned facilities have been completed and updated as necessary
- [x] Implemented all maintenance procedures for permittee owned facilities in accordance with O&M programs
- [x] Implemented program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- [x] Inspected all permittee owned treatment structures (excluding catch basins)

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

The Town has completed investigations in the majority of catchments that met likely sewer indicators during dry weather outfalls screening however, there are three catchments that still need to be inspected (OF-0343, OF-0465 and OF-0137). These catchments are slated for inspection in the Fall of 2025.

Maintenance procedures for Town owned SCM's were completed in July 2025 due to scheduling conflicts with the schools. See maintenance schedule attached.

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

Annual Requirements

*Public Education and Outreach**

- [x] Annual message was distributed encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- [x] 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
    - [x] This is not applicable because there are no septic systems present

** Public education messages can be combined with other public education requirements as applicable (see Appendix F and H 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:

Educational material for dog owners used to be funded by a Grant. Copies of the "Pet Waste Disposal" are in the public information area in the lobby where dog owners get their licenses. Copy is attached.

Chloride

Annual Requirements

Public Education and Outreach

☒ Included an annual message in November/ December to private road salt applicators and commercial industrial site owners on the proper storage and application rates of winter deicing material, along with the steps that can be taken to minimize salt use and protect local waterbodies

*The following type(s) of salt were applied **during this reporting period (year 7)**:*

- ☐ Sodium chloride
- ☐ Calcium chloride
- ☐ Potassium chloride
- ☐ Magnesium chloride
- ☒ Brine solution

Total amount of salt applied **during this reporting period (year 7) including units**:	Salt: 4,089 Tons Brine: 251,399 gallons Carbohydrate: 27,681 gallons

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:

Salt brine (manufactured in-house), rock salt, and BioMelt AG-64 (Sugar Beet, Corn and Soybean Derivative) Brine Enhancer.
We have a SNOW Pamphlet that is available to the Public, and we get information published in the newspaper before the season begins.
Social media posting for winter road maintenance was sent out in February of 2025.
Standard Operating Procedure for Winter Road Maintenance is attached. The Salt Reduction Plan will be completed consistent with EPA regulations. We will further investigate new technologies and update as we go. We will continue this approach with current technologies and implement as we see fit. Our Operations manager has trained multiple municipalities in New England about the importance of winter road maintenance, use and storage of salt and sand and proper disposal of snow.

Solids, Oil and Grease (Hydrocarbons), or Metals

Annual Requirements

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

☒ Increased street sweeping frequency of all municipal owned streets and parking lots to a schedule that targets areas with potential for high pollutant loads

- ◉ The street sweeping schedule is attached to the email submission
- ○ The street sweeping schedule can be found at the following publicly available website:

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

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

The Town sweeps the entire Town once in the spring and two times in the Fall. During the summer we sweep main roads on a regular basis and neighborhoods when time permits. The Downtown area gets swept twice a

week throughout the sweeping season. The Town will sweep the Charles River Watershed first in the Fall and return there at the end of the season if time permits.

Charles River Watershed Phosphorus TMDL

Below, calculate your current phosphorus export rate by first filling out the individual phosphorus loading components (labeled [A], [B], [C], and [D]) and then computing your current phosphorus export rate using the equation provided.

Baseline phosphorus export rate from PCP Area, as identified in Appendix F **(lbs/year) [A]**:	1,168
Total phosphorus reduction from all nonstructural controls implemented **this reporting period (lbs/year) [B]**:	1.9
Total phosphorus reduction from all structural controls installed this reporting period and all previous years **(lbs/year) [C]**:	121.7
Phosphorus load increase due to development incurred since 2005 in **lbs/year [D]**:	2.9
Current phosphorus export rate from the PCP Area in **lbs/year [=A-(B+C)+D** from above**]**:	1,047.3

☒ I certify under penalty of law that all source control and treatment Best Management Practices being claimed for phosphorus reduction credit have been inspected, maintained and repaired in accordance with manufacturer or design specification. I certify that, to the best of my knowledge, all Best Management Practices being claimed for a phosphorus reduction credit are performing as originally designed.

☒ All municipally owned and maintained turf grass areas are being managed in accordance with Massachusetts Regulation 331 CMR 31 pertaining to proper use of fertilizers on turf grasses

☒ Implemented all nonstructural control measures **during this reporting period** and documented the measures and their phosphorus reduction. The nonstructural control measure information:

- ◉ is attached to the email submission
- ○ can be found at the following publicly available website:

☒ Documented the structural control measures implemented during **this reporting period and all previous years**, including location, phosphorus reduction in mass/year, and date of last completed maintenance and inspection for each control. The structural control measure information:

- ○ is not applicable; no structural control measures were implemented
- ◉ is attached to the email submission
- ○ can be found at the following publicly available 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:

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

Describe the planned phosphorus reduction activities on site and coordination progress with the applicable municipality:

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:

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**: 10

*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: Farmer's Market

Message Description and Distribution Method:

The Town of Lexington hosted a table at the Lexington Farmer's Market to share information on stormwater quality (reducing pollutants) and stormwater quantity (managing runoff and flooding). Educational newsletters and stormwater-themed crossword puzzles were distributed to engage residents and highlight best practices for protecting local waterways. Copies of these materials are attached.

Targeted Audience: Residents

Responsible Department/Parties: Engineering

Measurable Goal(s):

About 5 residents came to our table to ask about what the Town is doing about stormwater.

Message Date(s): 6/24/2025

Message Completed for: Appendix F Requirements ☒ Appendix H Requirements ☐

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

If yes, describe why the change was made:

BMP: Pet Waste

Message Description and Distribution Method:

Posted on the Town's Facebook Page:

When pet waste is left behind, it can wash into waterways untreated. Pet waste can lower the water quality through excess nutrients, lowering oxygen levels, and bringing diseases & bacteria. To keep our water clean, scoop your furry friend's poop!

For Spanish, Haitian Creole, and Simplified Chinese translations of this post, see our news flash

Targeted Audience: Residents

Responsible Department/Parties: Engineering

Measurable Goal(s):

Impressions: 791
Post Reach: 634
Reactions: 10 Likes, 2 Hearts
Comments: 1
Photo views: 3
Shares: 2

Message Date(s): 8/31/2024

Message Completed for: Appendix F Requirements ☒ Appendix H Requirements ☐

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

If yes, describe why the change was made:

BMP: Leaf Litter

Message Description and Distribution Method:

Posted on the Town's Facebook page:

Most of Lexington's leaves have fallen! Help protect our waterways by taking care of your leaves properly.
Leaf litter tips:
➡Rake leaves away from storm drains
➡Dispose of leaves properly by bagging, composting, or mulching
➡Consider leaving your leaves on natural soil to be pollinator habitats
Learn more about managing yard waste: https://lexingtonma.gov/YardWaste

Targeted Audience: Residents

Responsible Department/Parties: Engineering

Measurable Goal(s):

Impressions: 829
Post Reach: 797
Reactions: 7 Likes, 1 Laughing Face
Comments: 13
Photo Views: 8
Link Clicks: 2
Other Clicks: 91

Message Date(s): 11/20/2024

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: Salt Brine

Message Description and Distribution Method:

Posted on the Town's Facebook Page:

Clean Water Tip
Did you know road salt can harm waterbodies? When too much salt washes into waterways, it depletes the water's oxygen levels and can be detrimental to aquatic life.
This winter, try using salt brine for de-icing! Salt brine is great at melting ice, is more freshwater-friendly, and can be made at home!
Learn how to make salt brine: https://www.lexingtonma.gov/.../Make-Your-Own-Salt-Brine

Targeted Audience: Residents

Responsible Department/Parties: Engineering

Measurable Goal(s):

Views: 2,271
Post Reach: 1,154
Total Clicks: 291
Reactions: 15 Likes, 1 Heart
Comments: 4
Shares: 4

Message Date(s): 2/6/2025

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: Food Service Best Practices

Message Description and Distribution Method:

Posted on the Town's Facebook Page:

Protect your pipes and our waterways by following Food Service Best Practices!
Putting fats, oils, and grease (FOG) down the drain can cause sewer backups, stoppages, and overflows.
Practices like disposing of food waste directly into the trash or compost and not dumping cooking residue, waste oil, or grease down the drain make a big difference in keeping our local waterways clean.
These practices can also help avoid major plumbing issues caused by oil and grease build-up in your pipes!
Learn more about stormwater pollution and how you can make a difference: https://mysticriver.org/stormwater

Targeted Audience: Businesses, institutions and commercial facilities

Responsible Department/Parties: Engineering

Measurable Goal(s):

Views: 1,209
Post Reach: 721
Total Clicks: 91
Reactions: 9 Likes, 1 Shocked Face
Comments: 1

Message Date(s): 2/11/2025

Message Completed for: Appendix F Requirements ☒ Appendix H Requirements ☐

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

If yes, describe why the change was made:

BMP: Think Blue Massachusetts - Fertilizer

Message Description and Distribution Method:

Reposted the Think Blue Massachusetts' post on the Town's Facebook page:

Feeding Your Lawn? Feed It Smart.
Spring fertilizing can help your lawn—but it can also harm our local waters if overused or mistimed. Here's how to stay stormwater-smart this season.
Test First:
Don't guess—soil test to know what your lawn really needs. You may need less than you think.
Skip the Storm:
Avoid fertilizing before heavy rain. It can wash nutrients straight into storm drains.
Go Slow-Release:
Use slow-release or organic fertilizers to feed your lawn gradually and reduce runoff.
Stay on Target:
Only fertilize your lawn—never driveways, sidewalks, or streets. Sweep up any stray product!
Know Your Zones:
Check local fertilizer restrictions—some areas have spring blackout dates to protect water quality.
Nutrients belong in your soil, not your streams.
Let's Think Blue this spring and keep our waters clean from the ground up.
https://www.thinkbluema.org/
#ThinkBlueMA #StormwaterSmart #FertilizeResponsibly #GreenYardsCleanWater

Targeted Audience: Residents

Responsible Department/Parties: Engineering

Measurable Goal(s):

Likes: 1

Message Date(s): 5/16/2025

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: Grass Clippings

Message Description and Distribution Method:

Posted on the Town's Facebook and Instagram Page:

Help protect our environment by disposing of grass clippings the right way! Bag them (for yard waste disposal), compost them, or leave them where they fall, allowing them to act as a natural fertilizer

Targeted Audience: Developers (construction)

Responsible Department/Parties: Engineering

Measurable Goal(s):

Facebook Metrics:
Views: 781
Post Reach: 476
Watch Time: 1 hour, 12 minutes
Reactions: 4 Likes

Instagram Reactions: 6 Likes
Shares: 1

Message Date(s): 6/5/2025

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: Rain Barrels

Message Description and Distribution Method:

Posted on the Town's Facebook and Instagram Page:

The Lexington Rain Barrel Program is back! Rain barrels are a great way to conserve water, save money on water bills, and help reduce water pollution from stormwater runoff! Make every drop count. Purchase a rain barrel today!
Learn more on the Town website: https://lexingtonma.gov/CivicAlerts.aspx?AID=727

Targeted Audience: Residents

Responsible Department/Parties: Engineering

Measurable Goal(s):

Facebook Reactions: 8 Likes, 1 Heart
Instagram Reactions: 6 Likes

Message Date(s): 4/7/2025

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: Trash

Message Description and Distribution Method:

Posted on the Town's Facebook Page:

ll of these April showers have us thinking about stormwater!
Stormwater can bring trash and other pollutants from Lexington's streets into our waterways. Check out mysticriver.org/stormwater for simple tips you can follow to reduce stormwater pollution and keep our waterways clean.
Mystic River Watershed Association
Video Credits: Turnaround Films

Targeted Audience: Industrial facilities

Responsible Department/Parties: Engineering

Measurable Goal(s):

Reactions: 9 Likes

Message Date(s): 5/14/2025

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: General Construction and Site Supervision Stormwater Tips

Message Description and Distribution Method:

Brochures discussing proper Erosion and Sediment Control and tips on how to protect local waterways from pollution we printed out and made available in a few offices in the Town Office Building (Town Manager's Office, Land Use Housing and Development Office, and the Town Clerk's Office)

Targeted Audience: Developers (construction)

Responsible Department/Parties: Engineering

Measurable Goal(s):

Over 60 copies were printed in English, Spanish, and Simplified Chinese

Message Date(s): 5/5/2025

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**:

SWMP was posted to the website with contact information for any comments or questions from visitors.

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

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

A total of 67 drains have been adopted as part of our Adopt-A-Drain program. 12 of those drains were adopted

between July 1st, 2024 and June 30th, 2025.

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: 0

Number of SSOs removed: 0

MS4 System Mapping

Percent of Phase II map complete: 100

Optional: Provide additional status information regarding your map:

Map updates are made in real time. We have the ability to update GIS maps in office and in the field.

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 above referenced outfall screening data is attached to the email submission

○ The above referenced outfall screening data can be found at the following publicly available website:

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

Number of outfalls screened: 314

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

Percent of outfalls screened: 100

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

All located outfalls/interconnections have been screened. Those that have been unable to be located have been sampled from the nearest upstream structure. The Town began IDDE verification work to evaluate locations for potential illicit connections to the drainage system in PY 5 and continued the work into PY 8. Some of the outfalls were screened more than once.

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 publicly available website:

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

Number of catchment investigations completed this reporting period: 55

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

Percent of total catchments investigated: 37

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

The Town began IDDE verification work to evaluate these locations for potential illicit connections to the drainage system in PY 7 and continued the work into PY 8. One day of inspections from PY6 was not reported in PY6 and is included in the PY7 documentation attached. Additional inspections for PY7 were completed and not apart of the memo, but the data tables are attached. The Town of Lexington has completed investigations in the majority of catchments that met likely sewer indicators during dry weather outfalls screening however, there are three catchments that still need to be inspected (OF-0343, OF-0465 and OF-0137). These catchments are slated for inspection in the Fall of 2025. The Town is continuing to do investigations where possible and working to develop a plan to determine illicit connections that are within safety protocols.

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 publicly available 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: 13

Total number of illicit discharges removed: 13

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

Our IDDE program has grown tremendously with the use of our staff, stormwater interns, and stream team interns who have all had IDDE training prior to outfall screening and sampling. We have our own equipment in house, a quickzoom camera, and a CCTV contractor under contract.

Employee Training

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

Marissa (Senior Civil Engineer) –
1. Navigating Regulations and Best Practices for Inspection and Maintenance of Stormwater Management Facilities Webinar. 6/4/2025
2. Alternative Catch Basin Cleaning Credit Implementation Workshop. 5/29/2025
3. NEWEA: Balancing Water Quantity with Water Quality in Stormwater Management. 5/20/2025
4. EBC 3rd Annual Stormwater Summit – The Challenges of Managing Stormwater in a Changing World. 5/2/2025
5. Rain Check: Strengthening Stormwater Rules for Climate-Resilient Communities. 4/15/2025
6. Reducing Polluted Stormwater Runoff in Boston Rivers: “Residual Designation Authority” and how it affects greater Boston large landowners. 3/11/2025
7. NEWEA 2025 Annual Conference. 1/28/2025
8. Northeast Geosynthetics Seminar Presented by Solmax. 11/20/2024
9. NEWEA Stormwater Strategies: Finding New Paths for Effective Nutrient Reduction. 11/19/2024
10. CivilGeo/Geostorm Software training for stormwater modeling 9/19/24 and 1/13/25
11. Lexington’s MS4 Training. 7/17/2024
12. Trained stormwater interns in IDDE beginning of Summer 2025.

John (Town Engineer) –
1. EBC 3rd Annual Stormwater Summit – The Challenges of Managing Stormwater in a Changing World. 5/2/2025 (also a presenter)
2. Northeast Geosynthetics Seminar Presented by Solmax. 11/20/2024
3. NEWEA 2025 Annual Conference Jan 26-29
4. PWX National Conference Sep 8-11
5. Envision sustainability self-paced training and certification

Meghana (Senior Civil Engineer/GIS) –
1. NEWEA 2025 Annual Conference 1/27/2025
2. Envision sustainability self-paced training and certification

3. CivilGeo/Geostorm Software training for stormwater modeling 9/19/24 and 1/13/25
4. Innovative Inspection and Predictive Analytics for Tunnels and Culverts at MassDOT Innovation Conference 5/6/25

Omar Gomez (Engineering Inspector) –
1. NEWEA 2025 Annual Conference. 1/28/2025
2. CivilGeo/Geostorm Software training for stormwater modeling 9/19/24 and 1/13/25
3. Lexington's MS4 Training. 7/17/2024
4. Trained stormwater interns in IDDE beginning of Summer 2025.
5. Trained Stream Team (UML Students) in in IDDE/Stormwater sampling in Spring 2025.

Isabelle Clark (Engineering Inspector) –
1. NEWEA 2025 Annual Conference 1/27/2025
2. CivilGeo/Geostorm Software training for stormwater modeling 9/19/24 and 1/13/25
3. Lexington's MS4 Training. 7/17/2024
4. Trained stormwater interns in IDDE beginning of Summer 2025.
5. Trained Stream Team (UML Students) in in IDDE/Stormwater sampling in Spring 2025.

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: 147

Number of inspections completed: 112

Number of enforcement actions taken: 0

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

Erosion and Sediment Training for contractors and builders/developers was continued this permit year. Due to COVID, in-person trainings were restricted to email only and handouts were sent to applicants for all trench permits. They must send the town an email stating they read and understand the erosion and sediment control requirements before a trench permit will be issued. This training aims to capture the majority of soil disturbing construction activities, including the ones below the acre threshold. We have issued 1 warning in permit year 7. All properties are now in compliance.

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: 5

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

As-builts are required as part of the Stormwater Management Regulations. On-going O & M is required through the regulations as well, however enforcement is an issue the Town is trying to solve as this has been difficult to enforce. Some of the permitted projects issued in PY7 and before that have not been completed and are still under construction so as-builts have not been required of them yet.
In PY6, the Town decided to create a new online OpenGov permit application within the Engineering Department for Stormwater Control Measure Certifications. This application provides a submission form for private properties to submit their annual SCM inspection and maintenance reports. This SCM Certification application requests confirmation of owner and or/property management contact information, SCM type, maintenance activities, condition assessments, and photos. In PY7, this SCM Certification form was published and provided to private property owners for inspection and maintenance reporting by January 2025. The form has been refined based on feedback from property owners and is being used for the second year of annual inspection and maintenance reports with submission due January 1, 2026 for confirmation of proper O&M in calendar year 2025. (More information on this will be in the attached file: Final PY7 Performance Evaluation Memo)
Updated Regulations are geared towards Planning permits for developments greater than 10,000 square feet and are peer reviewed through the Planning Board.

Street Design and Parking Lots Report

Below, describe any changes made or planned to be made to local regulations and guidelines based on the report completed in Year 4:

The Town has updated their Planning Board Zoning Regulations for new development to require the submittal of stormwater reports and long-term SCM O&M plans for all major site plan review projects. These new regulations are consistent with the updated phosphorus removal and long-term O&M requirements in the Town's recently updated Stormwater Management Regulations. The Town is considering changes to Zoning requirements in Planned Commercial (CD) Zones and/or Transportation Management Overlay (TMO) Zones to encourage redevelopment and improvement of stormwater facilities on development parcels and roadways.

Green Infrastructure Report

Below, describe progress towards making green infrastructure practices allowable based on the report completed in Year 4:

The local regulations do not restrict the use of green infrastructure practices. The town continues to refine and update its policies to promote green infrastructure and reduce impervious surface impacts.
Goals:
• Consider updates to incentivize phosphorus control options using EPA Region 1 Performance Curves.
• Develop a Town of Lexington Stormwater Design manual that guides land development applicants with selection of stormwater controls that provide the most beneficial stormwater nutrient controls.

Retrofit Properties Inventory

Below, list remaining permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas (must maintain a minimum of 5 sites in inventory until less than 5 sites remain):

Jonas Clarke Middle School (in design - slated for construction in 2026)
Bowman Elementary School (in design - slated for construction in 2026)
Regional Retrofit 1 – Munroe Road
Regional Retrofit 2 – Philip Road (in design - slated for construction in 2026)
Regional Retrofit 3 – Green Lane (in design - slated for construction in 2026)
Regional Retrofit 4 – Valleyfield Street 1 (in design)
Regional Retrofit 5 – Valleyfield Street 2 (in design)
Roadway Retrofit – Ewell Avenue
Roadway Retrofit – Benjamin Road
Roadway Retrofit – Valleyfield Street
Roadway Retrofit – Crosby Road
Roadway Retrofit – Clematis Road
Roadway Retrofit – Elena Road
Roadway Retrofit – Piper Road
Roadway Retrofit – Allen Street
Please refer to the PCP report submitted as an attachment

Below, list all properties that have been modified or retrofitted with BMPs to mitigate impervious area that were inventoried as part of 2.3.6.d of the permit and the type of BMP(s) implemented. Non-MS4 owned properties that have been modified or retrofitted with BMPs to mitigate impervious area may also be listed, but must be indicated as non-MS4.

10 Pelham Rd, 3 Forbes Rd, 99 Hayden Ave, 727 Marrett Rd, 200 Shire Way, 92 Hayden Ave, 3022 Massachusetts Ave/752 Marrett Rd, 7 Clematis Rd, 80 Hayden Ave, 1075 Waltham St, 594 Marrett Rd, 324 Marrett Rd, 75 Concord Ave, 690 Marrett/Route 128, 187 Spring St, 39 Marrett Rd, 453 Concord Ave, 18-15D (300 Shire Way), 18-15F (200Shire Way), 18-15G (400 Shire Way), 20 Pelham Rd, 756-758 Marrett Rd, 332 Concord Ave, 17 Stedman Rd, 9 Philip Rd, 45-55 Hayden Ave, 7 Crosby Rd, 1050 Waltham, 45 Lincoln St, 62 Grassland St, 72 Grassland St, 151 Grove St, 310 Concord Ave, 8 Cutler Farm Rd, 8 Cutler Farm Rd, 13 Cutler Farm Rd, 14 Cutler Farm Rd, 116 School St, 19 Wellington Ln, 9 Woodcliffe Rd, 31 Barberry Rd, 33 Barberry Rd, 66 Valleyfield St, 65 Munroe Rd, 66 Munroe Rd, 5 Stonewall Rd, 411 Concord Ave, 470 Concord Ave, 60 Munroe Rd, 37 Barberry Rd, 33 Dawes Rd, 53-55 Watertown St, 56 Watertown St, 960-1010 Waltham, 10 Philip Rd, 443 Lincoln St (Hobbs Brook Ln), 71 Bridge St, 10 Stedman (32 Brookside Ave), 10 Winston, 2 Paddock Ln, 6 Blossom St, 26 Middle St, 64 Middle St, 3 Crescent Rd, 31 Cary Ave, 33 Cary Ave, 35 Cary Ave, Cary Ave, 32 Middle St, 1000 Main Campus Dr, Grey Oaks Cir, 10 Churchill Ln, 341 Marrett Rd, 14 Middle St, 17 Cary Ave, 2 Brookside Ave, 114 Marrett Rd, 24 Valleyfield St, 430 Concord Ave, Journeys End Ln, 55 Cary Ave, 12 Brookside Ave.
Please refer to the PCP report attached.

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: 4,538

Number of catch basins cleaned: 4,538

Total volume or mass of material removed from all catch basins: 524 tons

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

Total number of catch basins: 7,718

If applicable:

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

The town has developed a program to analyze catch basin cleaning data to identify basins that need to be cleaned more than once a year. This program will be run on a yearly basis to direct work in order to meet permit requirements. Please see attachment, "50 full CB Data Email".

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: 2,539.7 cubic yards
- ○ 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: 2

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

Inspections were completed quarterly by APEX. See attached SWPPP Inspections Memo.

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 publicly available 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

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.

We have two street sweepers that can hold 3.5 CY and 6.5 CY of sweepings. This is how the amount of sweepings were estimated this permit year. We increased street sweeping extensively. Next permit year we are hoping to get a scale installed in the sweeper.

Year 8

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

Yes, I agree [x]

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 8 below:

SCM construction on some Town-owned parcels have been designed and will be put out to bid winter of 2025/2026 to be constructed in the 2026 season.
• Consider updates to incentivize phosphorus control options using EPA Region 1 Performance Curves.
• Develop a Town of Lexington Stormwater Design manual that guides land development applicants with selection of stormwater controls that provide the most beneficial stormwater nutrient controls.

Part V: Certification of Small MS4 Annual Report 2025

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:	JOHN LISEY	Title:	TOWN ENGINEER
Signature:		Date:	9-25-25

[Signatory may be a duly authorized representative]