Town of Scarborough

NPDES Permit Year 2 Annual Report

September 13, 2024

SCARBOROUGH
MAINE

259 US Route 1, Scarborough, ME 04074 | 207.730.4000 | scarboroughmaine.org

The Municipality is assumed to be generally in compliance with the terms and conditions of the MS4 General Permit and the permittee specific DEP Order, unless otherwise indicated in the progress and status below. The components of the Municipal stormwater management program are effective, the BMPs in the Stormwater Management Plan are appropriate, and Permit Year 2 Measurable Goals have been implemented to reduce the discharge of pollutants to the Maximum Extent Practicable unless otherwise specifically described in this Annual Report.

BMP/ Measurable Goal ID	BMP/Measurable Goal Name	BMP/Measurable Goal Progress and Status
Public Education		
1.1a	Raise Awareness-Public	Message: “Water that lands on our roads, roofs, and other hard surfaces picks up pollutants and carries them to our local waterbodies without being treated.” Tool 1: Think Blue Maine Website Content updated in September 2023 by adding a new page on road salts as a water pollutant and providing tips to reduce salt use safely and act as landing page for chloride ads. Website traffic: 1,148; updated January 2024 by adding instructions on how to brew your own salt brine to the "Road Salt" page. Website traffic: 4,293. Tool 2: 12 posts on Think Blue Maine Instagram account on 10/6/23, 10/16/23, 10/31/23, 11/10/23, 12/1/23, 1/3/24, 2/7/24, 3/5/24, 4/15/24, 5/17/24, 6/1/24, 6/15/24. Post engagement: 42 Post Views: 324 Tool 3: Social media ad on Think Blue Maine Instagram account from 1/4/24-4/4/24. Ad engagement: 471 People reached: 3,288
1.1b	Raise Awareness-Contractors	Message: "Through erosion and sediment control best management practices training and certification, contractors can reduce the potential to negatively impact local water bodies." Tool 1: 7 hour DEP training at CCSWCD office, 19 people, 9/7/23 Tool 2: Think Blue Maine Website Content updated in September 2023 by updating the #1 Water Pollutant page with language for contractors and added link to DEP NPS training webpage to improve ad results. Webpage traffic: 34; updated April 2024 by adding links to the Maine Construction General Permit and Chapter 500 revisions; added additional links to DEP contractor training schedule to improve ad results. Webpage traffic: 34. Tool 3: 90-day online ad(s) using a Google Ad Performance Max campaign from 7/1/23-10/12/23. Ad engagement: 0 People reached: 25 The audience was extended to build upon the PY1 campaign and additional images and headline assets were added to the asset collection. A second ad was run on Meta from 7/18/23-9/6/23 to compare platforms. Using the same information as the Google ad, the Meta ad had 243 engagements and reached 5,480 people. Moving forward, Meta will be used to reach this audience. Individuals certified within the ISWG region in PY2: 394
1.2a	Behavior Change - 25-34	Message: "Dispose of dog waste as a solid waste, so it does not end up in our stormwater. Once in the stormwater, dog waste contributes nutrients, bacteria, and pathogens to our ponds, lakes, streams, rivers, and bays, which can lower property values, harm our drinking water, and hinder recreational and economic opportunities." Tool 1: 12 posts shared on Think Blue Maine Instagram account on 10/12/23, 10/31/23, 11/11/23, 11/24/23, 12/10/23, 12/24/23, 1/1/24, 1/17/24, 1/30/24, 2/13/24, 2/28/24, 3/14/24 Post Engagement: 30 Post Views: 310 Tool 2: 3 Instagram Videos on 3/6/24, 4/12/24, 5/14/24. Video engagement: 7 Video reach: 348 Tool 3: 3 Outreach Events 7/15/23, 8/27/23, 9/15/23, 10/20/23, 62 interactions in age group. Pet waste bag refill rolls distributed (branded item for both BMP 1.2 audiences): 1,071 Field survey deposits (for both BMP 1.2 audiences): Higgins Beach - 2 deposits Scarborough Public Works crew did not note pet waste bags in catch basins during PY2 catch basin cleaning activities.

1.2b	Behavior Change - 35-55	Message: "Dispose of dog waste as a solid waste, so it does not end up in our stormwater. Once in the stormwater, dog waste contributes nutrients, bacteria, and pathogens to our ponds, lakes, streams, rivers, and bays, which can lower property values, harm our drinking water, and hinder recreational and economic opportunities." Tool 1: 12 posts shared on Think Blue Maine Facebook account 10/7/23, 10/25/23, 11/1/23, 11/16/23, 12/4/23, 12/17/23, 1/10/24, 1/25/24, 2/8/24, 3/23/24, 4/3/24, 4/30/24 Post Engagement: 30 Post Views: 4,817 Tool 2: 3 Outreach Events 9/15/23, 9/28/23, 9/28/23, 10/2/23, 10/5/23, 10/6/23, 10/10/23, 36 interactions in age group. Tool 3: 90-day Facebook ad(s), 2 ads; 12/19/23-3/18/24 Ad engagement: 653, People reached: 2,283; 1/4/24-4/4/24 Ad engagement: 263, People reached: 3,411
1.3a	Effectiveness Evaluation-Annual Report	As stated in 1.1b, online ads will be switch to Meta due to much higher reach and engagement.
1.3b	Effectiveness Evaluation - PY5	Not applicable this permit year.
1.4	Optional Activities	Youth Education Total number of Scarborough students reached: 310 Schools: Wentworth School, Scarborough Middle School Lesson Topics: Water quality, water pollutants, watersheds, Brook Trout Unit (Wentworth) YardScaping: Healthy Lawn Care Made Easy YardScaping events were held at the Falmouth Lunt Auditorium on 8/29/23, Portland's Fall Sustainable Day on 9/9/23, and Westbrook Public Services on 9/13/23. 22 attendees completed 2 surveys after the events. The top five YardScaping practices people plan to implement from PY2 are: Overseed (100%), used low maintenance seed varieties (100%), use perennial ryegrass (100%), take a soil test (100%), and use nitrogen-only fertilizer (100%). Follow up surveys are conducted in the next permit year after a growing season has occurred. 13 of the 27 participants responded to the PY1 follow up survey.The behavior change results of those particpants for the top five YardScaping practices people are 10% set their mowers to 3" high, 19% sharpened their mower blades, 31% overseeded, 44% used low maintenance seed varieties, and 44% left their grass clippings. 24 retail locations agreed to have products that align with YardScaping recommendations tagged in their location.
Public Involvement and Participation		
2.1	Public Notice	There were no ordinance changes related to Scarborough's MS4 program this permit year. The Town is in the process of developing environmental standards that increase setbacks and buffers around water resources. The Conservation Commission discussed the standards at public noticed meetings on 8/14/23, 10/16/23, 11/13/23, 12/11/23, 1/24/22, 2/28/24, 4/24/24, 6/25/24. The Long Range Planning Committee reviewed the concept on 9/15/23 and the draft language on 5/10/24. The Ordinance Committee reviewed the proposed standards at a public noticed meeting on 4/10/24. A forum was held with developers on 5/23/24. See Attachment 2 for details. This process is ongoing. ISWG met on: 7/20/23, 9/21/23, 11/16/23, 1/18/24, 3/21/24, 5/16/24 ISWG meeting attendance by municipal staff: 6 ISWG meetings are public noticed through CCSWCD website.

2.2	Public Event	The 2023 Sustainable Scarborough Day served as Scarborough's PY1 community event. Over 200 community members participated in the event, which included displays and workshops covering a variety of environmental topics, including clean water, healthy lawn care, and native plants. The Cumberland County Soil and Water Conservation District (CCSWCD) tallied 103 interactions with participants at their YardScaping booth and at their workshop. The event was advertised on the Town's website, social media accounts (specific posts on 9/12/23, 9/28/23, and through a Facebook event, which was created on 7/1/23), in *The Leader* newspaper, and in the Town's e-newsletter. Flyers and signs were also posted throughout Scarborough. CCSWCD also promoted the event on their website and social media paged (9/25/23). The Town of Scarborough also partnered with the Cities of Biddeford and Saco to offer three household hazardous waste collection days this permit year. Collections were held on 7/8/2023 (Saco), 9/9/2023 (Biddeford), and 5/11/2024 (Scarborough). A total of 312 Scarborough residents participated in the three events.
Illicit Discharge Detection and Elimination		
3.1	Continue to Implement the Non-Stormwater Discharge Ordinance	No Notices of Violation were issued for illicit discharges. The Town's Non-Stormwater Discharge Ordinance was amended and amended changes were adopted on July 19, 2023. Changes to the ordinance include adding language in the allowable non-storm water discharges as follows: "dechlorinated" hydrant flushing, individual residential car washing "(where discharge is not directly into a wetland or body of water)", and "dechlorinated" water from swimming pools. The Town continues to implement the ordinance.
3.2a	Maintain the Written IDDE Plan	IDDE Plan is being implemented and has been updated to address questions that arose during the PY1 and PY2 dry weather outfall inspections that were conducted by the Town's contracted engineering firm. These changes include adding information on how to determine whether to sample each outfall for E. coli or enterococci, removing a whiteboard from the field equipment list, adding changes made as described in BMP 3.1 above, and updating field inspection forms for dry weather outfall inspections to include collecting more data and more efficient formatting. Also, changes include adding requirements to conduct a follow-up inspection and sampling of an outfall after an illicit discharge has been removed, and to inspect upstream asset if an outfall is inaccessible due to safety concerns or cannot locate the outfall.
3.2b	Conduct a Wet Weather Assessment	Not applicable this permit year.
3.3	Maintain Storm Sewer System Infrastructure Map	Stormwater map was maintained. The Town reviewed all existing outfalls to ensure that they meet the definition of an outfall and that all outfalls are connected to drainage systems for future catchment mapping. The Town also hired Atlantic Resource Consultants (ARC) to inspect a number of outfalls to determine if they discharge to a water of the state. The ARC staff member selected to complete this task has extensive experience in natural resource delineation and mapping. Forty Four (44) New outfalls were mapped due to construction activities, found during PY2 dry weather outfall inspections, and added during the internal review of existing outfalls. Most of the new outfalls were added to the ends of drainage ditches. Previously, one outfall was added to the furthest downstream point where all street ditch flows eventually combine. During dry weather inspections, it was found that some of these locations included culverts that also conveyed flows from natural resources. The Town has added outfalls to the ends of each ditch instead of using the furthest downstream point where all ditches combined. In addition, some outfalls were removed from the Town's list of MS4 regulated outfalls. These outfalls included outfalls that do not discharge to a water of the state, outfalls at the end of culverts that convey natural resources, and outfalls that are owned and maintained by the MaineDOT. Outfalls that are owned by the MaineDOT but maintained by the Town were kept on the list and will be inspected/sampled as part of the Town's MS4 program.

3.4a	Conduct Infrastructure Inspections (Outfalls, ditches, and catch basins)	Seventy Seven (77) outfalls were inspected during dry weather in PY2. Two (2) outfalls were inaccessible. One of the inaccessible outfalls was traced upstream to a catch basin. This catch basin was inspected and no flow was observed. The second outfall was traced upstream to an outlet control structure. The outlet control structure was inspected and no flow was observed. None of the outfalls exhibited evidence of illicit discharge. The Town developed new dry weather outfall inspection forms to use which include all previous data on the old inspection forms but added more asset information to collect while conducting these inspections. Inspectors now fill out these forms for each outfall they inspect. The Town also created a new data management and inspection application using GIS software. This software is more user friendly and stores all inspection and sampling data for each outfall directly into GIS. All previous outfall and sampling data is still currently stored in the City Works software, and the Town is currently working on inputting all past data into the new GIS application. Dry weather flow outfalls in both PY1 and PY2 were re-inspected to determine the dry weather flow source. These outfall were traced upstream by both the Town and the Town's consultant, St. Germain. To determine the outfalls' dry weather flow source, inspectors started at the outfall and traced upstream until no flow was observed. Results of these inspections are shown in Attachments 3a and 3b and flow sources are noted as uncontaminated groundwater, water from a natural resource, and/or an allowable non-stormwater discharge. 980 catch basins were inspected in PY2. Ditches are inspected as part of routine maintenance work and other opportunistic inspections, during PY2 DPW performed ditch work on 10 streets within the urbanized area.
3.4b	Monitor Flowing Outfalls During Dry Weather	Seven (7) outfalls were sampled for dry weather flow and none exceeded the IDDE Plan thresholds for further investigation. See Attachments 3a and 3b for inspection and laboratory analytical results and sampling dates.
3.5	Conduct Investigations of Suspected Illicit Discharges	No suspected illicit discharges were detected. No sanitary sewer overflows discharged to the Town's MS4. There was one (1) spill that discharged to the Town's MS4. On 9/12/2023, approximately 5 gallons of oil had leaked onto the pavement from three vehicles after a motor vehicle collision. The Town's Fire Department contained the spill right away by making a berm around the catch basin and spreading speedy dry and absorbant pads on the spill. Some of the oil entered into the catch basin.
3.6a	Significant Contributors of Pollutants - Hydrant Flushing	Portland Water District (PWD) provided a report of Hydrant Flushing activities, which indicated PWD continues to dechlorinate hydrants during flushing to meet the Maine DEP Guidance threshold of 0.05 mg/l TRC before discharge. No hydrant discharges exceeded the 0.05 mg/l TRC Guidance threshold. The Maine Water Company provided a report of Hydrant Flushing activities, which indicated it continues to dechlorinate hydrants during flushing to meet the Maine DEP Guidance threshold of 0.05 mg/l TRC before discharge. No hydrant discharges exceeded the 0.05 mg/l TRC Guidance threshold.
3.6b	Significant Contributors of Pollutants - Non-Stormwater Discharges	No new significant contributors were identified this permit year.
Construction Site Runoff Control		
4.1a	Update Site Plan Review Procedures to Reference Erosion and Sedimentation Control Ordinance	The Town's Site Plan Review Ordinance and all other Ordinances that require erosion and sedimentation control were updated to reference the new Erosion and Sedimentation Control at Construction Sites Ordinance and were adopted by the Town on 7/19/2023.
4.1b	Develop Erosion and Sedimentation Control Standards	The Town adopted a new Erosion and Sedimentation Control at Construction Sites Ordinance on 4/19/2023 and continues to implement the ordinance. (https://resources.finalsite.net/images/v1690485377/scarboroughmaineorg/olvfdbwuni6nynegreg8/420-ESCOrdinance.pdf).
4.2	Site Plan Review Procedures	Site Plan Review procedures were implemented this Permit Year.

4.3	Procedures for Notifying Construction Site Developers and Operators	Notifications continued during discussions with developers, via the Town's Planning Board review process, and during compliance review at pre-construction meetings.
4.4a	Conduct Construction Site Inspections	The Town continued implementing its procedures for active construction site inspections.
4.4b	Document Construction Site Inspections	The Town continued to document all active construction sites that trigger site inspections and are summarized in Attachment 4 for the list of sites in the urbanized area disturbing one acre or more of land during this Permit Year.
Post Construction		
5.1a	Develop and Submit a Model LID Ordinance	No work required this Permit Year. The Town's LID strategies document was submitted to DEP for Public Comment in PY1 on 8/23/2022. DEP provided letter of no objection on December 14, 2022. However, FOCB appealed the process so this BMP is on hold.
5.1b	Adopt LID Ordinance	The Maine DEP issued an amendment to the MS4 General Permit extending the deadline to adopt LID Measures to 11/5/2025. The Maine DEP is also working with the USEPA to modify Appendix F to the MS4 General Permit. No work required until Appendix F is finalized.
5.2a	Track Post Construction Sites	Total number of MS4 Post Construction Sites: 40 Number of sites with functioning post construction BMPs: 40 Number of sites requiring maintenance or remedial action: 21 (maintenance complete at 20 sites prior to report submission date; the Town is working with the remaining landowner to complete routine maintenance) Number of sites not reporting and status of NOVs issued: 0 A summary list of all post-construction sites is provided in attachment 5.
5.2b	Update Post Construction Ordinance	Complete.
Pollution Prevention Good Housekeeping		
6.1a	Review and Update Inventory of Municipal Operations	The inventory of municipal facilities was reviewed in 2024. No changes were made.
6.1b	Review and Update Operation and Maintenance (O&M) Procedures	O&M Procedures were reviewed and updated in Spring 2023 by all parties. O&M procedures were updated for the Public Safety Department, Community Services Department (buildings & grounds), and the School Department (facilities) in PY1. No updates were needed for PY2.
6.2a	Training - Public Works and Community Services	Four (100%) Community Services maintenance and grounds employees were trained on their respective O&M proceedures on 11/1/23. Four (4) Public Works employees attended the 1.5 hour ISWG Regional Training. This training covered the following topics: stormwater permits requirements; O&M plans and SWPPPs; structural and nonstructural BMPs; facilities management for waste management, janitorial procedures, pools, painting, landscaping, plowing; vehicle and equipment fueling, washing, and storage; and reporting. The remaining Public Works Employees were trained in April 2024
6.2b	Training - Public Safety and Schools	Stormwater Management O&M Procedures is incorporated into annual training for Public Safety staff. The Scarborough Public Schools Facilities Director received information about their O&M Procedures and is incorporated into staff annual training.
6.3	Street Sweeping	Street sweeping began in March 2024. All municipal streets and paved parking lots where winter maintenance activities occurred were swept.
6.4a	Inspect Catch Basins	980 catch basins were inspected and cleaned. All catch basins that had excess sediment in PY2 were inspected and were cleaned if the sump was more than 50% full.
6.4b	Track Catch Basins that Accumulate Excess Sediment	No catch basins had excess sediment during PY2 inspections. The catch basins along the Town's highest volume corridors are proactively cleaned annually.
6.4c	Catch Basin Grit Re-Use and Disposal	Catch basin grit was disposed of at an appropriately licensed solid waste facility.

6.5	Maintain and Upgrade Stormwater Conveyances and Outfalls	DPW installed/replaced 400 feet of culverts and storm drain pipes, repaired or replaced five (5) catch basins, and completed ditch work from June 2023 and June 2024, based on the current prioritized schedule.
6.6a	Amend the Town's Stormwater Pollution Prevention Plan (SWPPP)	In June 2022, the Town amended and adopted the Public Works Department SWPPP to comply with the requirements specified in Part IV.C.6.d of the 2022 MS4 General Permit.
6.6b	Implement the SWPPP	The Town continued to implement the SWPPP during PY2.
Impaired Waters		
7.1a	Red Brook - Chloride Reduction Training for Municipal Staff	Scarborough Public Works Assistant Operations Supervisor and three members of Public Works Operations Division attended Maine Local Roads Snow and Ice Control workshop on 11/14/23.
7.1b	Red Brook - Limited Liability Legislation	Educational materials related to road salt impacts were provided to legislators and their aids on 4/9/24. ISWG representatives met with Senator Mattie Daughtry, Senator Anne Carney, and their legislative aids during a salty stream tour at Long Creek on 8/3/23 and with online meetings on 9/20/23 and 11/15/23. An update on chloride reduction practices and limited liability legislation in other states was provided on 6/7/24. Emails sent to two private salt applicators (GC Landscape and AC Yard Services) on 1/23/24 with information on different deicers and a recent WCSH6 news segment. 12 chloride reduction social media posts were shared to Facebook and Instagram on 11/1/23, 11/14/23, 12/5/23, 12/10/23, 12/15/23, 12/28/23, 1/8/24, 1/18/24, 2/6/24, 2/17/24, 2/24/24, 2/27/24. Post Engagement: 73 Post Views: 8,277 90-day social media ad on Facebook and Instagram ran 12/19/23-3/18/24. Ad engagement: 584, People reached: 4,203
7.2a	Red Brook - Water Quality Monitoring Plan	Complete.
7.2b	Red Brook - Water Quality Monitoring Implementation	The Town of Scarborough and the City of South Portland deployed Hobo loggers at two locations in Red Brook in the fall of 2023 and spring/summer of 2024.
7.2c	Red Brook - Water Quality Data Analysis	Not applicable this permit year.
7.2d	Red Brook - Water Quality Summary	Not applicable this permit year.
7.3a	Red Brook - Technical Working Group	The working group did not meet this permit year as water quality data is not yet available.
7.3b	Red Brook - Technical Working Group Meetings & Site Visits	The Scarborough Town Council allocated funds for amending the Red Brook Watershed Management Plan in it's FY24 budget. Staff began the process of developing the scope of work for the Plan amendment.
7.3c	Red Brook - Technical Working Group Data Review	Not applicable this permit year.
7.3d	Red Brook - Technical Working Group Stormwater Infrastructure Inventory	Not applicable this permit year.

7.3e	Red Brook - Watershed Management Plan Amendment	Not applicable this permit year.
7.4a	Phillips Brook - Chloride Reduction Training for Municipal Staff	Scarborough Public Works Assistant Operations Supervisor and three members of Public Works Operations Division attended Maine Local Roads Snow and Ice Control workshop on 11/14/23.
7.4b	Phillips Brook - Limited Liability Legislation	Educational materials related to road salt impacts were provided to legislators and their aids on 4/9/24. ISWG representatives met with Senator Mattie Daughtry, Senator Anne Carney, and their legislative aids during a salty stream tour at Long Creek on 8/3/23 and with online meetings on 9/20/23 and 11/15/23. An update on chloride reduction practices and limited liability legislation in other states was provided on 6/7/24. Emails sent to two private salt applicators (GC Landscape and AC Yard Services) on 1/23/24 with information on different deicers and a recent WCSH6 news segment. 12 chloride reduction social media posts were shared to Facebook and Instagram on 11/1/23, 11/14/23, 12/5/23, 12/10/23, 12/15/23, 12/28/23, 1/8/24, 1/18/24, 2/6/24, 2/17/24, 2/24/24, 2/27/24. Post Engagement: 73 Post Views: 8,277 90-day social media ad on Facebook and Instagram ran 12/19/23-3/18/24. Ad engagement: 584, People reached: 4,203
7.5	Phillips Brook - YardScaping 2.0	Digital Ads on Meta (Facebook and Instagram), Reach: 1,785, Link Clicks: 46 Print Mailers: Mailed 6/15/24, number of residents in campaign: 364 Regional workshops were held on 9/12/23 (South Portland), 4/23/24 (Scarborough), 5/9/24 (Old Orchard Beach), and 5/23/24 (Cape Elizabeth). 61 attendees completed 44 surveys after the workshops. Of those completed surveys, 66.7% are planning to keep yard waste away from waterbodies, ditches, and storm drains; 18.5% are planning to incorporate a vegetative buffer between their lawn and a waterbody; 34.4% are planning to use the live stake method in their vegetative buffer; 44.8% are planning to incorporate planters on hardscapes to absorb more rainwater; 47.2% are planning to incorporate rain gardens into their yards; and 57.1% are planning to install rain barrels to capture rainwater. Follow up surveys are conducted in the next permit year after a growing season has occurred. 20 of the 37 participants responded to the PY1 follow up survey. The behavior change results of those particpants are 33.3% kept yard waste away from waterbodies, ditches, and storm drains; 0.00% incorporated a vegetative buffer between their lawn and a waterbody; 11.1% used the live stake method in their vegetative buffer; 7.14% incorporated planters on hardscapes to absorb more rainwater; 0.00% incorporated rain gardens into their yards; and 13.3% installed rain barrels to capture rainwater. 24 retail locations agreed to have products that align with YardScaping recommendations tagged in their location.
7.6a	Phillips Brook - Stream Protection Overlay Implementation Plan	Town staff worked with the Conservation Commission to develop draft environmental standards that would require larger setbacks and vegetated buffers around water resources in Scarborough, including Phillips Brook. The Conservation Commission discussed the standards at public noticed meetings on 8/14/23, 10/16/23, 11/13/23, 12/11/23, 1/24/22, 2/28/24, 4/24/24, 6/25/24. The Long Range Planning Committee reviewed the concept on 9/15/23 and the draft language on 5/10/24. The Ordinance Committee reviewed the proposed standards at a public noticed meeting on 4/10/24. A forum was held with developers on 5/23/24. Please see Attachment 2 for details. This process is ongoing.
7.6b	Phillips Brook - Stream Protection Overlay Draft Ordinance	Not applicable this permit year.
7.6c	Phillips Brook - Stream Protection Overlay Adoption Process	Not applicable this permit year.
Annual Report Changes		No changes were made to the Stormwater Management Plan in Permit Year 2, however Appendix E (IDDE Plan) of the Stormwater Management Plan was updated as described in BMP 3.2a.

Anticipated PY2 Activities	Please see attachment 6.

Attachments:
1. Annual Report Certification
2. Summary of Public Meetings
3a. Summary of Outfall Field Inspection Results
3b. Summary of Outfall Sampling Results and Dry Weather Flow Source
4. Summary of Active Construction Sites
5. Summary of Post-Construction Sites
6. Summary of Stormwater Activities for PY3

ATTACHMENT 1 – Certification

The General Permit requires that this report be certified by either a principal executive officer or ranking elected official. This attachment provides the necessary 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, 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."

Signature: Thomas J. Hall Date: 9/12/24

Thomas Hall

Title: Town Manager

ATTACHMENT 2:
PY2 Timeline for Adoption & Updates of Town Ordinances

Environmental Standards

Proposed update Scarborough Site Plan and Subdivision Ordinances would require larger setbacks and vegetated buffers for new development around water resources, including Phillips Brook. This process originated with the Conservation Commission and has been reviewed by the Long Range Planning Committee and the Ordinance Committee. All of these meetings were public noticed and provided the opportunity for public comment. A forum for developers was also held on 5/23/24. This process is ongoing.

The **Conservation Commission** discussed the draft Environmental Standards at the following meetings:

- 8/14/23
- 10/16/23
- 11/13/23
- 12/11/23
- 1/24/24
- 2/28/24
- 4/24/24
- 6/25/24

The **Long Range Planning Committee** discussed the draft Environmental Standards at the following meetings:

- 9/15/23
- 5/10/24

The **Ordinance Committee** discussed the draft Environmental Standards at its 4/10/24 meeting and provided guidance to staff and the Conservation Commission.

Attachment 3a: PY2 (2023-2024)
Outfall Field Inspection Results

Outfall ID	Date Inspected	Outfall Accessible	Pipe Submerged	Foam	Floating Green Scum	Oil Film	Vegetative Mat	Sewage Solids	Odor	Outfall Flow	Seepage Flow	Flow Color	Sediment Condition	Outfall Condition	Trash	Yard Waste	Follow up Required	Follow up Reason	General Inspection Comments	Flow Sampled	Field Test Results			
																					Water Temperature	Conductivity (mS/cm)	Ammonia (mg/L) Field Results	Chlorine (mg/L) Field Results
OUT0005	5/21/2024	Yes	No																Inspection conducted to determine dry weather flow source.					
OUT0017	9/29/2023 11:04	Yes	No	No	No	No	Yes	No	None - Natural	Steady	None	Clear	None	Good	No	No	No			Yes	15.6	0.964	0.02	0.02
OUT0017	5/22/2024	Yes	No																Inspection conducted to determine dry weather flow source.					
OUT0018	9/29/2023 11:05	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Poor	No	No	Yes	Maintenance - See Comments	Bottom of pipe broken, turbid water	No	NA	NA	NA	NA
OUT0019	9/29/2023 11:05	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	3/4 Full	Poor	No	No	Yes	Maintenance - See Comments	Pipe cracked, turbid water	No	NA	NA	NA	NA
OUT0020	4/2/2024 7:54	Yes	Partially	No	No	No	Yes	No	None - Natural	Steady	None	Clear	3/4 Full	Fair	No	No	Yes	Maintenance - See Comments	Dredge. No sample taken. Inspected to confirm GIS is correct. St. Germain will inspect/sample.	No				
OUT0035	8/23/2023 11:45	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	1/4 Full	Good	No	No	Yes	Maintenance - See Comments	Hard to find because of vegetation	No	NA	NA	NA	NA
OUT0041	8/23/2023 10:12	Yes	No	No	No	No	Yes	No	None - Natural	Steady	None	Clear	None	Excellent	No	No	No			Yes	18.09	0.382	0.07	0.07
OUT0041	5/21/2024	Yes	No																Inspection conducted to determine dry weather flow source.					
OUT0042	8/23/2023 9:56	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Excellent	No	No	No			No	NA	NA	NA	NA
OUT0043	8/23/2023 9:20	Yes	Partially	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	Yes	Maintenance - See Comments	Ponding in swale due to vegetation	No	NA	NA	NA	NA
OUT0044	8/23/2023 11:34	Yes	No	No	No	No	Yes	No	None - Natural	Steady	None	Clear	1/4 Full	Excellent	No	No	No			Yes	18.3	0.267	0.01	0.01
OUT0044	5/13/2024	Yes	No																Inspection conducted to determine dry weather flow source.					
OUT0045	8/23/2023 11:40	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	1/4 Full	Excellent	No	No	No		Mistakenly labeled in photo as 43, instead of 45	No	NA	NA	NA	NA
OUT0046	6/20/2024	Yes	No																Inspection conducted to determine dry weather flow source.					
OUT0047	9/29/2023 11:59	Yes	No	No	No	No	Yes	No	None - Natural	Steady	None	Yellow	None	Good	No	No	No		Yellow/Clear Flow Color.	Yes	18.2	1.127	0	0
OUT0047	6/20/2024	Yes	No																Inspection conducted to determine dry weather flow source.					
OUT0089	9/6/2023 0:15	Yes	No	No	No	No	Yes	No	None - Natural	Steady	None	Clear	1/4 Full	Good	Yes	No	No			Yes	20.16	0.335	0	0
OUT0089	5/21/2024	Yes	No																Inspection conducted to determine dry weather flow source.					
OUT0090	9/6/2023 11:15	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Excellent	No	No	No		Flowing pond downgradient of outfall	No	NA	NA	NA	NA
OUT0130	11/14/2023 10:48	Yes	Partially	No	No	No	Yes	No	None - Natural	None	None	No Flow	1/4 Full	Good	No	No	No			No	NA	NA	NA	NA
OUT0131	11/14/2023 10:50	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT0132	11/14/2023 10:55	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT0133	11/14/2023 11:00	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT0134	11/14/2023 11:05	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT0146	8/2/2023 7:53	Yes	No	No	No	No	Yes	No	None - Natural	Steady	None	Clear	1/2 Full	Good	No	No	Yes	Maintenance - See Comments	Inspection conducted to determine dry weather flow source. Dredge.	No	NA	NA	NA	NA
OUT0151	5/13/2024 11:45	Yes	No																Inspection conducted to determine dry weather flow source.					
OUT0160	9/6/2023 11:15	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Excellent	Yes	No	No		Flowing river downgradient of outfall	No	NA	NA	NA	NA
OUT0161	9/6/2023 11:00	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Fair	No	No	No		Slight erosion	No	NA	NA	NA	NA
OUT0162	9/6/2023 10:20	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Fair	No	No	No		Slight erosion	No	NA	NA	NA	NA
OUT0164	9/6/2023 10:00	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No		Lined with rip rap	No	NA	NA	NA	NA
OUT0165	9/6/2023 9:55	Yes	No	No	Yes	No	Yes	No	None - Natural	None	None	No Flow	None	Fair	No	No	Yes	Maintenance - See Comments	Overgrown	No	NA	NA	NA	NA
OUT0166	9/6/2023 9:45	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT0167	8/23/2023 13:00	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	1/4 Full	Good	No	No	Yes	Maintenance - See Comments	Catch basin outfall. Need to clear brush.	No	NA	NA	NA	NA

Outfall ID	Date Inspected	Outfall Accessible	Pipe Submerged	Foam	Floating Green Scum	Oil Film	Vegetative Mat	Sewage Solids	Odor	Outfall Flow	Seepage Flow	Flow Color	Sediment Condition	Outfall Condition	Trash	Yard Waste	Follow up Required	Follow up Reason	General Inspection Comments	Flow Sampled	Field Test Results			
																					Water Temperature	Conductivity (mS/cm)	Ammonia (mg/L) Field Results	Chlorine (mg/L) Field Results
OUT0168	8/23/2023 9:50	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	1/4 Full	Fair	No	No	Yes	Maintenance - See Comments	Facing upward. Remove sediment.	No	NA	NA	NA	NA
OUT0169	8/23/2023 9:41	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Poor	No	No	Yes	Maintenance - See Comments	Half covered. Move Stone.	No	NA	NA	NA	NA
OUT0191	6/20/2024	Yes	No																Inspection conducted to determine dry weather flow source.					
OUT0197	4/2/2024	Yes	No																Inspection conducted to determine dry weather flow source.					
OUT0241	8/23/2023 0:33	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT0242	8/23/2023 0:45	Yes	No	No	Yes	No	Yes	No	None - Natural	None	None	No Flow	None	Excellent	No	No	No			No	NA	NA	NA	NA
OUT0249	9/29/2023 10:10	Yes	No	No	No	No	Yes	No	None - Natural	Steady	None	Clear	None	Excellent	No	No	No			Yes	15.6	1.182	0.02	0.02
OUT0249	5/13/2024 12:30	Yes	No																Inspection conducted to determine dry weather flow source.					
OUT0272	5/22/2024	Yes	No																Inspection conducted to determine dry weather flow source.					
OUT0284	5/22/2024 9:05	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No		Iron algae.	No	NA	NA	NA	NA
OUT0288	9/6/2023 15:30	Yes	No	No	No	No	No	No	None - Natural	Steady	None	Clear	None	Good	No	No	No			Yes	17.58	0.166	1.0	0.03
OUT0288	5/13/2024 11:15	Yes	No																Inspection conducted to determine dry weather flow source.					
OUT0294	11/14/2023 9:35	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Excellent	No	No	No			No	NA	NA	NA	NA
OUT1582	4/2/2024 7:55	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	1/4 Full	Good	No	No	Yes	Maintenance - See Comments	Dredge		NA	NA	NA	NA
OUT1605	6/5/2024 11:15	Yes	Partially	No	Yes	No	No	No	None - Natural	None	None	No Flow	3/4 Full	Good	No	No	Yes	Maintenance - See Comments	Needs to be dredged	No				
OUT1606	4/18/2024 7:13	Yes	No	No	No	No	Yes	No	None - Natural	None	Trickle	No Flow	None	Fair	No	No	No		Abandoned	No	NA	NA	NA	NA
OUT1619	5/22/2024 7:33	Yes	Fully	No	Yes	No	Yes	No	None - Natural	None	None	No Flow	None	Excellent	No	No	Yes	Maintenance - See Comments	Dredge downstream ditch. Outfall is underwater. Inspected upstream catch basin.	No	NA	NA	NA	NA
OUT1621	5/13/2024 14:29	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT1623	5/13/2024 14:19	Yes	Partially	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT1624	5/13/2024 14:17	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	3/4 Full	Good	No	No	Yes	Maintenance - See Comments	Dredge	No	NA	NA	NA	NA
OUT1625	5/13/2024 14:16	Yes	No	No	Yes	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT1626	5/13/2024 14:15	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	1/2 Full	Good	No	No	Yes	Maintenance - See Comments	Dredge		NA	NA	NA	NA
OUT1627	5/13/2024 14:13	Yes	Fully	No	No	No	Yes	No	None - Natural	None	None	No Flow	3/4 Full	Good	No	No	Yes	Maintenance - See Comments	Dredge. Inspected upstream catch basin.	No	NA	NA	NA	NA
OUT1628	5/13/2024 14:10	No	Fully	No	No	No	Yes	No	None - Natural	None	None	No Flow	Plugged	Poor	No	No	Yes	Maintenance - See Comments	Outfall is buried and needs to be dredged. Inspected upstream catch basin.	No	NA	NA	NA	NA
OUT1631	6/5/2024 13:10	Yes	No	No	No	No	No	No	None - Natural	None	None	No Flow	None	Excellent	No	No	No			No				
OUT1632	5/22/2024 7:27	Yes	Partially	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Excellent	No	No	No		Plunge pool has standing water.	No	NA	NA	NA	NA
OUT1633	5/13/2024 15:15	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Excellent	No	No	No			No	NA	NA	NA	NA
OUT1636	5/13/2024 15:11	Yes	Partially	No	No	No	Yes	No	None - Natural	None	None	No Flow	3/4 Full	Good	No	No	Yes	Maintenance - See Comments	Dredge	No	NA	NA	NA	NA
OUT1637	5/13/2024 15:13	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT1638	5/13/2024 15:16	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT1639	5/13/2024 14:39	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Fair	Yes	No	Yes	Maintenance - See Comments	Clean ditch.	No	NA	NA	NA	NA
OUT1640	5/22/2024 7:17	Yes	Partially	No	No	No	Yes	No	None - Natural	None	None	No Flow	1/2 Full	Good	No	No	No		Standing water	No	NA	NA	NA	NA
OUT1641	5/22/2024 7:18	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT1642	5/22/2024 7:33	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	1/2 Full	Good	No	No	Yes	Maintenance - See Comments	Dredge	No	NA	NA	NA	NA

Outfall ID	Date Inspected	Outfall Accessible	Pipe Submerged	Foam	Floating Green Scum	Oil Film	Vegetative Mat	Sewage Solids	Odor	Outfall Flow	Seepage Flow	Flow Color	Sediment Condition	Outfall Condition	Trash	Yard Waste	Follow up Required	Follow up Reason	General Inspection Comments	Flow Sampled	Field Test Results			
																					Water Temperature	Conductivity (mS/cm)	Ammonia (mg/L) Field Results	Chlorine (mg/L) Field Results
OUT506	5/22/2024 8:52	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Fair	No	No	No			No	NA	NA	NA	NA
OUT530	8/2/2023 7:50	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT765	5/22/2024 9:22	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	Yes	No	No			No	NA	NA	NA	NA
OUT766	5/22/2024 9:05	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Fair	No	No	Yes	Maintenance - See Comments	Needs to be mowed.	No	NA	NA	NA	NA
OUT767	5/22/2024 9:04	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Fair	Yes	No	Yes	Maintenance - See Comments	Needs to be mowed.	No	NA	NA	NA	NA
OUT780	5/22/2024 9:45	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Fair	No	No	No			No	NA	NA	NA	NA
OUT876	5/13/2024 14:46	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	Yes	No	No			No	NA	NA	NA	NA
OUT877	5/13/2024 14:41	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT878	6/13/2024 19:09	Yes	No	No	No	No	No	No	None - Natural	None	None	No Flow	None	Fair	No	No	No			No				
OUT883	5/13/2024 14:26	No	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	Plugged	Poor	No	No	Yes	Maintenance - See Comments	Dredge. Outfall is buried. Inspected upstream outlet control structure.	No	NA	NA	NA	NA
OUT912	5/22/2024 9:05	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT913	5/22/2024 9:05	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	1/4 Full	Good	No	No	No			No	NA	NA	NA	NA
OUT914	5/22/2024 9:01	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT915	5/22/2024 13:02	Yes	No	No	No	No	No	No	None - Natural	None	None	No Flow	None	Good	Yes	No	No			No				
OUT916	5/22/2024 9:03	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	None	Good	No	No	No			No	NA	NA	NA	NA
OUT930	4/2/2024 8:39	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	1/4 Full	Excellent	No	No	Yes	Maintenance - See Comments	Dredge		NA	NA	NA	NA
OUT930	5/13/2024 14:43	Yes	No	No	No	No	Yes	No	None - Natural	None	None	No Flow	1/4 Full	Good	No	No	No			No	NA	NA	NA	NA

OutfallID	Last Inspection	Chlorine (mg/L) Lab Results	Ammonia (mg/L) Lab Results	Surfactants (mg/L) Lab Results	Ecoli (CFU/100 mL) Lab Results	Enterococci (CFU/100 mL) Lab Results	Dry Weather Flow Source	Flow Source Comments
OUT0005	5/21/2024	NA	NA	NA	NA	NA	Uncontaminated Groundwater	
OUT0017	9/29/2023 11:04	NA	NA	U 0.025	115.3/100mL	NA		Unknown. Upgradient series of catch basins along Route 1 and Sawyer Road.
OUT0017	5/22/2024	NA	NA	NA	NA	NA	Water from a Natural Resource	Also from Uncontaminated Groundwater
OUT0041	8/23/2023 10:12	U 0.05	NA	U 0.025	4.1/100mL	NA		Unknown. Upgradient series of catch basins on Maple Ave.
OUT0041	5/21/2024	NA	NA	NA	NA	NA	Uncontaminated Groundwater	
OUT0044	8/23/2023 11:34	NA	NA	U 0.025	145/100mL	NA		Unknown. Upgradient series of catch basins on Maple Ave.
OUT0044	5/13/2024	NA	NA	NA	NA	NA	Uncontaminated Groundwater	
OUT0046	6/20/2024	NA	NA	NA		NA	Uncontaminated Groundwater	Also from Allowable Non-Stormwater Discharge (Private Detention Pond)
OUT0047	9/29/2023 11:59	NA	NA	U 0.100	7.5/100mL	NA		Unknown. Upgradient series of catch basins east and west along Route 1.
OUT0047	6/20/2024	NA	NA	NA	NA	NA	Uncontaminated Groundwater	Also from Allowable Non-Stormwater Discharge (sump pump)
OUT0089	9/6/2023 0:15	NA	NA	0.036	17.1/100mL	NA		Unknown. Upgradient detention pond full at intersection of Sage Bush Dr. and Sawyer Rd.
OUT0089	5/21/2024	NA	NA	NA	NA	NA	Uncontaminated Groundwater	Also from Allowable Non-Stormwater Discharge (Private Detention Pond)
OUT0146	8/2/2023 7:53	NA	NA	NA	NA	NA	Uncontaminated Groundwater	Also from Allowable Non-Stormwater Discharge (Private Detention Pond)
OUT0151	5/13/2024 11:45	NA	NA	NA	NA	NA	Uncontaminated Groundwater	
OUT0191	6/20/2024	NA	NA	NA	NA	NA	Uncontaminated Groundwater	
OUT0197	4/2/2024	NA	NA	NA	NA	NA	Uncontaminated Groundwater	
OUT0249	9/29/2023 10:10	NA	NA	U 0.025	3.1/100mL	NA		Likely the adjacent detention pond.
OUT0249	5/13/2024 12:30	NA	NA	NA	NA	NA	Uncontaminated Groundwater	
OUT0272	5/22/2024	NA	NA	NA	NA	NA	Uncontaminated Groundwater	
OUT0288	9/6/2023 11:30	NA	U 0.10	U 0.025	172.2/100mL	NA		Unknown. Upgradient series of catch basins on Sawgrass Road.
OUT0288	5/13/2024 11:15	NA	NA	NA	NA	NA	Uncontaminated Groundwater	Also from Allowable Non-Stormwater Discharge (Lawn watering runoff)

Project	Start of Reported Active (PY)	Date Inspected	Work Required	Date Reinspected	Watershed	Plan Type	BMPs
205 Southborough Hotel	PY2	10/11/2023	N/A	N/A	Red Brook	Site Plan	3 Biocells, 3 StormTech System with Isolator Rows, Rain Guardian Foxhole, 5 Rain Guardian Turrets, 2 Focalpoints, Modular Wetland
Nonesuch Brewing Parking	PY2	8/31/2023	N/A	N/A	Nonesuch River	Site Plan	Detention Pond, rock sandwich
AR Building	PY2	12/4/2023	Tracked sediment needs to be cleaned up, and ECM berm needs repairs.	12/12/2023	Nonesuch River	Site Plan	Piped drainage to a wetpond
Atlantic Federal Credit Union	PY2	6/5/2024	Silt fence needs repairs.	6/17/2024	Scarborough River & Mill Brook	Site Plan	Piped drainage to an existing detention pond
Marsh Bend Subdivision	PY2	6/25/2024	N/A	N/A	Phillips Brook & Scarborough River	Subdivision	Piped drainage to underdrained soil filter and wetpond
Scarborough Downs - Town Center Subdivision (Lot 7)	PY2	12/5/2023	ESC needs repairs, and double row of ESC needed near wetland.	12/12/2023	Mill Brook	Subdivision	Piped drainage to gravel wetland, level lip spreader
Scarborough Downs - Haigis District Subdivision (Lot 1)	PY1	8/12/2022	N/A	N/A	Mill Brook	Subdivision	Piped drainage to Grassed underdrain soil filter with level lip spreader
		12/19/2023	Erosion needs repairs.	1/3/2024			
REDICO - American House at the Downs (Town Center Residential District Lot 34)	PY1	1/17/2023	ESCM berm needs repairs.	1/24/2023	Mill Brook	Site Plan (Part of the Scarborough Downs - Town Center Residential District Subdivision)	Piped drainage to Gravel Wetland
		9/19/2023	N/A	N/A			
Evergreen Credit Union	PY1	7/17/2023	N/A	N/A	Phillips Brook	Site Plan	Infiltration & vegetated swales, sediment forebays, underdrain soil filters, and piped drainage
		12/19/2023	Erosion needs repairs.	12/28/2023			
Marden's/Starbucks	PY1	3/9/2023	Not all of ESC installed. Straw wattles need to be anchored and silt sack needs to be repaired. Additional ESC needed around new snow/soil pile.	3/17/2023	Red Brook	Site Plan	Bioretention filter, filterra, and piped drainage to existing detention pond
		4/29/2024	N/A	N/A			

Project	Start of Reported Active (PY)	Date Inspected	Work Required	Date Reinspected	Watershed	Plan Type	BMPs
Costco	PY1	11/28/2022	N/A	N/A	Nonesuch River	Site Plan (Part of the Scarborough Downs - Innovation District Subdivision)	Piped drainage to wet pond
		6/7/2024	Erosion needs repairs.	6/13/2024			
Patriot Acura	PY9 (2013 MS4 Permit)	9/10/2021	N/A	N/A	Mill Brook	Site Plan	UDSFs
		12/2/2022	N/A	N/A			
		11/16/2023	Construction entrance needs repairs.	11/28/2023			
Pine Crest	PY9 (2013 MS4 Permit)	4/15/2022	Sediment left site and ESC needs repair.	4/20/2022	Nonesuch River	Subdivision	UDSF and Bioretention cells
		4/19/2023	N/A	N/A			
		9/21/2023	N/A	N/A			
40 Haigis Pkwy	PY9 (2013 MS4 Permit)	3/14/2022	Tracking, construction entrance needs repairs	4/6/2022	Mill Brook	Site Plan	Bioretention filters
		4/11/2023	N/A	N/A			
		6/18/2024	N/A	N/A			
Eastern Village (North Village)	PY9 (2013 MS4 Permit)	12/16/2021	N/A	N/A	Mill Brook & Nonesuch River	Subdivision	Porous pavement, underdrains, and piped drainage connecting to existing Eastern Village Stormwater Facilities.
		10/17/2022	ESCM berm and silt fence needs repairs	10/27/2022			
		5/13/2024	N/A	N/A			
IDEXX (Innovation District Lot 25)	PY9 (2013 MS4 Permit)	5/31/2022	ESC needs repairs	6/8/2022	Mill Brook & Nonesuch River	Site Plan (Part of Scarborough Downs - Innovation District Subdivision)	Wet pond, and parking lot drainage connecting to existing Scarborough Downs - Innovation District Subdivision Stormwater Facilities.
		5/1/2023	N/A	N/A			
		5/22/2024	N/A	N/A			
Jocelyn Place Senior Housing	PY9 (2013 MS4 Permit)	6/28/2022	N/A	N/A	Mill Brook	Site Plan	VUSFs and Bioretention cells
		4/11/2023	Sediment on top of ESCM	4/19/2023			
		5/21/2024	N/A	N/A			
Cottages at Sawyer Phase 1	PY8 (2013 MS4 Permit)	10/27/2020	Tracking, needs construction entrance installed	11/17/2020	Mill Brook	Subdivision	Filterras
		2/8/2021	N/A	N/A			
		9/27/2021	N/A	N/A			
		10/17/2022	N/A	N/A			
		6/25/2024	Stabilization needed.	7/1/2024			
Scarborough Downs - Town Center Residential District (Lots 35 and 42)	PY8 (2013 MS4 Permit)	10/27/2020	N/A	N/A	Willowdale Brook	Subdivision	Gravel wetland
		2/23/2022	N/A	N/A			
		3/10/2023	ESCM berm needs repairs.	3/23/2023			
		8/11/2023	Erosion needs repairs.	8/17/2023			
Holbrook Farm	PY8 (2013 MS4 Permit)	12/1/2020	N/A	N/A	Mill Brook	Subdivision	Gravel wetland
		7/26/2021	N/A	N/A			
		9/23/2022	N/A	N/A			
		8/30/2023	ESC needs repairs.	9/7/2023			

Project	Start of Reported Active (PY)	Date Inspected	Work Required	Date Reinspected	Watershed	Plan Type	BMPs
Scarborough Downs - Innovation District (Lots 1C, 35, 7, 29, 31, 46, 51)	PY7 (2013 MS4 Permit)	12/4/2019	N/A	N/A	Willowdale Brook	Subdivision	Wet ponds
		3/4/2020	N/A	N/A			
		9/30/2022	N/A	N/A			
		6/13/2024	Erosion needs repairs.	6/19/2024			
Leighton Farm	PY3 (2013 MS4 Permit)	7/17/2015	N/A	N/A	Nonesuch River	Subdivision	Wet pond, Wooded buffer
		6/7/2016	N/A	N/A			
		12/9/2022	ESCM berm needs repairs.	12/19/2022			
		10/4/2023	N/A	N/A			
Dunstan Village	PY1 (2013 MS4 Permit)	9/4/2014	N/A	N/A	Phillips Brook	Subdivision	Wet ponds
		8/10/2015	N/A	N/A			
		8/15/2016	N/A	N/A			
		3/10/2023	Sediment over ESCM berm needs to be removed and berm repaired.	3/23/2023			
		7/31/2023	ESC needs repairs.	8/11/2023			

2013 MS4 Permit Added as active sites
PY1 2022 MS4 Permit Added as Active Sites
PY2 2022 MS4 Permit Added as Active Sites

Note: All inspection reports are on file and available for review at the Scarborough Town Hall, Engineering & Technical Services Department (259 US Route One, Scarborough, Maine)

Site Name	Site Location	Map/Lot	Inspection Report Submitted	BMPs Functioning	BMP Maintenance Needed	Follow up Inspection Report Submitted	BMP Maintenance Completed
Abbott Diagnostics	10 Southgate Road	U037007	Yes	Yes	None	N/A	N/A
Avesta Southgate	577 US Route 1	U034037	Yes	Yes	Remove vegetation from drip edges and replace stone; vacuum sweep grassed pavers and permeable pavers; remove sediment and unwanted vegetation from bioretention cells and replace mulch; and remove trash and vegetation from outfalls	No	Maintenance scheduled for 9/11
Bessey Commons II	264 US Route 1	U041002	Yes	Yes	Repair animal burrow on pond embankment, mulch FocalPoint systems	Yes	Yes
Bluebird Self Storage	100 Enterprise Dr	U0394701	Yes	Yes	Prior to next inspection, minor erosion on side slopes of underdrained soil filters should be stabilized	N/A	N/A
Burnham Village, Phase I	5 Diner Drive	U031048	Yes	Yes	Re-attach trash rack to outlet, remove vegetation from inlet	Yes	Yes
Carrier Woods	79 Mussey Road	R055018	Yes	Yes	Prior to next inspection, vegetation should be established in the underdrained soil filters' sediment forebays	N/A	N/A
Casa	148 Gorham Road	R054018	Yes	Yes	None	N/A	N/A
CMP Substation - Dunstan	19 Station Way	R047008B	Yes	Yes	None	N/A	N/A
Cornerstone Baptist Church	415 US Route One	U038005	Yes	Yes	None.	N/A	N/A
Enclave of Scarborough	18 Black Point Road	U044017A	Yes	Yes	Catch basin cleaning and mulching recommended before next inspection	N/A	N/A
Evergreen Credit Union	617 US Route 1	U031043	Yes	Yes	None	N/A	N/A

Site Name	Site Location	Map/Lot	Inspection Report Submitted	BMPs Functioning	BMP Maintenance Needed	Follow up Inspection Report Submitted	BMP Maintenance Completed
Foley Fitness	33 Haigis Parkway	R050034E	Yes	Yes	None	N/A	N/A
Ginn Road Plaza - Scarborough Holdings	284 Payne Road	R040012B	Yes	Yes	Oil boom maintenance was done at the time of inspection	N/A	Yes
Griffin House	5 Griffin Road	U033051	Yes	Yes	Bioretention: repair erosion, stabilize embankment, remove sediment from cell surface, replace mulch; soil filter: remove sediment from inlet, remove material accumulated on surface, repair erosion on embankment, repair deteriorated pavement edge	Yes	Yes
Horizon Solutions	32 Haigis Parkway	R050033A	Yes	Yes	Catch basin cleaning and re-seeding is recommended before next inspection	N/A	N/A
Hospice of Maine	390 US Route 1	R062029B	Yes	Yes	None	N/A	N/A
IDEXX	240 Innovation Way	U053025	Yes	Yes	None	N/A	N/A
Jocelyn Place	41 Little Dolphin Dr	U045001	Yes	Yes	Slopes of soil filter need to be reseeded until suitable coverage is established	N/A	N/A
Leighton Farm Subdivision, Phase I	Elmwood Avenue	R057001B	Yes	Yes	Vegetation around pond and UDSFs should be trimmed prior to next inspection	N/A	N/A
Maine Community Bank (formerly Biddeford Savings Bank)	206 US Route One	U044016	Yes	Yes	None	N/A	N/A
Maine Medical Center	92 Campus Drive	R076004A	Yes	Yes	Prior to next inspection, CB-28 needs to be cleaned; gravel bench underdrain needs to be stabilized	N/A	N/A
Marden's	465 Payne Rd	R037014A	Yes	Yes	Filter bags to be removed from catch basins, remove debris from pond 1 outlet, remove vegetation from pond 2 riprap	Yes	Yes

Site Name	Site Location	Map/Lot	Inspection Report Submitted	BMPs Functioning	BMP Maintenance Needed	Follow up Inspection Report Submitted	BMP Maintenance Completed
Martin's Point, Scarborough	153 US Route One	U047092	Yes	Yes	Inlets/outlets of bioretention need to be cleaned	No	Yes (Town working with landowner to submit documentation)
Oak Hill Plaza	15 Plaza Drive	R058032M	Yes	Yes	Filtera maintenance: remove accumulated sediment, replace mulch, prune vegetation	N/A	Yes
Parker's Farm & Market	97 County Road	R015052	Yes	Yes	None		
Piper Shores	15 Piper Road	R101005	Yes	Yes	Permeable pavement needs to be swept/vacuumed	Yes	Yes
Piper Shores - The Meadows	15 Piper Road	R094001D	Yes	Yes	Repair riprap at outlet of grassed swale, repair erosion on bank of pond 1, reseed lower embankment of pond 2	Yes	Yes
Portland Volvo	9 US Route 1	U050018	Yes	Yes	Riprap and geotextile fabric at Outfall #1 need repair	Yes	Yes
Rigney Farms	Forecaster Way	R078056A	Yes	Yes	None	N/A	N/A
Rock Church	66 Gorham Road	R058019	Yes	Yes	None	N/A	N/A
Sawgrass Subdivision	Sawgrass Dr	R059002	Yes	Yes	None	N/A	N/A
Scarborough Gallery, Lot 7	700 Scarborough Gallery	R0373307	Yes	Yes	Remove sediment from Bioretention basins 1-7: remove sediment, remove and replace mulch	Yes	Yes
Scarborough Public Safety	275 US Route 1	U041006	Yes	Yes	None	N/A	N/A
Settlers Green II	Tenney Lane	R096931	Yes	Yes	Remove debris from beehive grate, remove vegetation from pond inlet and forebay	Yes	Yes
The Beacon	100 Gateway Blvd	R040014	Yes	Yes	Multiple catch basins need cleaning	N/A	Yes

Site Name	Site Location	Map/Lot	Inspection Report Submitted	BMPs Functioning	BMP Maintenance Needed	Follow up Inspection Report Submitted	BMP Maintenance Completed
The Downs, Phase I	Scarborough Downs Road	R052004	Yes	Yes	FocalPoints: remove sediment, remove and replace mulch, install filter bag, clean rain garden turrets, remove leaves and cut back vegetation, stabilize inlet swale, remove siltsacks from inlet, reset riprap, plant perennials in new systems Biocells & UDSFs: trim vegetation	Yes	Yes
The Mooring	7 Mill Commons Dr	U052003	Yes	Yes	Maintenance needs included as part of The Downs, Phase I	Yes	Yes
Town & Country FCU	32 Little Dolphin Dr	R045001A	Yes	Yes	None	N/A	N/A
Tucker Brook	Tucker Brook Dr	R049002	Yes	Yes	None	N/A	N/A
Uplands at The Downs, Phase 1 and 2	Scarborough Downs Road	U052005B & U052005A	Yes	Yes	None	N/A	N/A

Anticipated PY3 (2024-2025) Activities

Permit Effective Date	Permit Expiration Date
7/1/2022	6/30/2027

Permit Year 3					
Task					Deadlines
MCM 1 - Education/Outreach Program	BMP 1.1 - Outreach to Raise Awareness Campaign	BMP 1.1a - Public Audience (Residents within ages 25-34)	A minimum of 3 of the tools from Appendix D Table 1. Tools for Measurable Goal 1.1a will be implemented each year for the duration of the permit. As part of the ISWG adaptive management education and outreach program, tools, and messaging will be reviewed and evaluated on an annual basis at a minimum as part of annual reporting. To address emerging issues, opportunistic tools and outreach may also be implemented. Seasonal messaging and tool adjustments will be used when applicable. Report findings will be incorporated into ISWG meeting discussions as well as annual workplans and budgets.	Due	6/30/2025
		BMP 1.1b - Development/Construction Audience	A minimum of 3 of the tools from Appendix D Table 1. Tools for Measurable Goal 1.1b will be implemented each year for the duration of the permit. As part of the ISWG adaptive management education and outreach program, tools, and messaging will be reviewed and evaluated on an annual basis at a minimum as part of annual reporting. To address emerging issues, opportunistic tools and outreach may also be implemented. Seasonal messaging and tool adjustments will be used when applicable. Report findings will be incorporated into ISWG meeting discussions as well as annual workplans and budgets.	Due	6/30/2025
	BMP 1.2 - Outreach to Change Behavior Campaign	BMP 1.2a - Pet Owners within ages 25-34	A minimum of 3 of the tools from Appendix D Table 1. Tools for Measurable Goal 1.2a will be implemented each year for the duration of the permit. As part of the ISWG adaptive management education and outreach program, tools, and messaging will be reviewed and evaluated on an annual basis at a minimum as part of annual reporting. To address emerging issues, opportunistic tools and outreach may also be implemented. Seasonal messaging and tool adjustments will be used when applicable. Report findings will be incorporated into ISWG meeting discussions as well as annual workplans and budgets.	Due	6/30/2025
		BMP 1.2b - Pet Owners within ages 35-55	A minimum of 3 of the tools from Appendix D Table 1. Tools for Measurable Goal 1.2b will be implemented each year for the duration of the permit. As part of the ISWG adaptive management education and outreach program, tools, and messaging will be reviewed and evaluated on an annual basis at a minimum as part of annual reporting. To address emerging issues, opportunistic tools and outreach may also be implemented. Seasonal messaging and tool adjustments will be used when applicable. Report findings will be incorporated into ISWG meeting discussions as well as annual workplans and budgets.	Due	6/30/2025
	BMP 1.3 - Effectiveness Evaluation	BMP 1.3a - Documentation of BMPs in Annual Report	The Municipality, through its participation in ISWG, will submit an annual report each year of the 2022 MS4 General Permit term documenting the implementation of each BMP. The annual report will include the message for each audience, the methods of distribution, the outreach tools used, the measures/methods used to determine on-going effectiveness of the campaigns, and any changes planned based on the measures of effectiveness.	Due	9/15/2025
	BMP 1.4 - Additional Activities	BMP 1.4a - Youth Education	The Municipality will continue to support the Cumberland County Soil & Water Conservation District's youth education curriculum to community schools as funding allows. Annual reports will include the total number of students reached, when schools were involved, and the lesson topics covered.	Due	9/15/2025

Permit Year 3					
		Task			Deadlines
MCM 2 - Public Involvement and Participation	BMP 2.1 - Public Notice Requirement	BMP 2.1a - Public Notice	The Municipality will follow applicable state and local public notice requirements for their Stormwater Management Plans and Notices of Intent (NOIs) to comply with the MS4 General Permit. Copies of the NOIs and plans will be made available on the Municipality's website. The Municipality will document public meetings related to their stormwater program and attendance of those meetings in their annual report.	Due	9/15/2025
		BMP 2.1b - ISWG Meetings	The ISWG members meet as a group 6 times per year to review issues associated with implementation of the Stormwater Management Plan and MS4 General Permit. These meetings will be publicized through the CCSWCD website, on the ISWG member websites, and open to the public.		
	BMP 2.2 - Public Event	BMP 2.2a - Public Community Event	The Municipality will annually host, conduct, and/or participate in a public community event with a pollution prevention and/or water quality theme from the list included in the 2022 MS4 General Permit or another activity approved by DEP. Stormwater stewardship and educational messages and activities will be incorporated into the event. The event will be advertised on the Municipality's and CCSWCD's social media accounts. and other Municipal and CCSWD communication methods. The annual report will include a description of the event and the estimated attendance/participation.	Due	6/30/2025
MCM 3 - Illicit Discharge Detection and Elimination	BMP 3.1 - Continue to Implement the Non-Stormwater Discharge Ordinance	BMP 3.1a - Non-Stormwater Discharge Ordinance	The Town implemented a Non-Stormwater Discharge Ordinance on September 5, 2007. The Ordinance was updated on August 5, 2014. The Public Works Director enforces this Ordinance with the assistance of the Code Enforcement Officer when needed. This Ordinance provides the Public Works Director with the authority to issue letters of warning, notices of violation, and/or fines. The Town will continue to enforce this Ordinance throughout the permit cycle.	Continue to enforce	
		BMP 3.1b - Illicit Discharge Documentation	The Town will document the results of enforcement actions taken for illicit discharges on an Excel spreadsheet.	Ongoing	
	BMP 3.2 - Maintain the Written IDDE Plan	BMP 3.2a - IDDE Plan Updates	The Town prepared a written IDDE Plan in 2015, which has been updated to contain the elements required in the 2022 MS4 General Permit (Part IV.C.3.b.i through vi). The updated IDDE Plan is provided in Appendix E of this SWMP. The IDDE Plan will be reviewed annually and updated if needed to reflect any changes to the program.	Due	6/30/2025
	BMP 3.3 - Maintain Storm Sewer System Infrastructure Map	BMP 3.3a - GIS Updates	The Town created a watershed-based map of the MS4 infrastructure during the first three permit cycles (2003-2022). The map shows the locations of stormwater catch basins, drain manholes, connecting surface and subsurface infrastructure showing the direction of pipe flow, and the locations of stormwater outfalls. The infrastructure is documented in a Geographic Information System (GIS), which contains unique identifiers for outfalls and catch basins, as well as outfall material, size, and receiving water. The map is updated annually as follows: -The GIS geodatabase is updated to reflect changes to infrastructure based on inspections by Public Works staff on a continuous basis; -The GIS geodatabase is updated when as-built drawings become available for municipal infrastructure, and; -Maps are available for viewing through the Town's online GIS.	Due	6/30/2025
		BMP 3.4a - Infrastructure Inspections	The Town will conduct infrastructure inspections for pollutants using the following frequency: −One dry weather inspection will be conducted on each outfall at least once per permit cycle as required by the 2022 MS4 General Permit. −Dry weather ditch inspections will be conducted whenever ditch maintenance work is anticipated . −Catch basins will be inspected for evidence of pollutants during their required sediment inspections (see BMP 6.4 for details).	Due	6/30/2025

Permit Year 3					
Task					Deadlines
	BMP 3.4 - Conduct Infrastructure Inspections and Monitor Flowing Outfalls	BMP 3.4b - Dy weather Outfall Sampling	If an outfall is observed to be flowing during a dry weather inspection, the flow will be sampled and analyzed once per permit term using the methods described in the IDDE Plan (BMP 3.2; Appendix E) unless it is exempt from dry weather investigations (as described in Part IV.C.3.e.vi of the 2022 MS4 General Permit). Outfalls sampled during dry weather will be handled as follows: 1.Outfalls where sampling and analysis reveals the potential for an illicit discharge: The Town will investigate the catchment area associated with the outfall for potential illicit discharges as described under Measurable Goal 3.5a. 2.Outfalls where sampling and analysis does not reveal the potential for illicit discharge: The Town will document the dry weather flow as either uncontaminated groundwater, water from a natural resource, or allowable non-stormwater discharge. The Town will summarize either the monitoring results and any investigation completed, or exempt status, as applicable, in an Excel spreadsheet or GIS geodatabase.	Due	6/30/2025
	BMP 3.5 - Conduct Investigations on Suspected Illicit Discharges	BMP 3.5a - Illicit Discharge Investigation	Whenever the Public Works Department becomes aware of a potential illicit discharge, it will investigate to identify the source using methods described in the written IDDE Plan (Appendix E). The Public Works Department will track the status and outcome of the investigations using an Excel spreadsheet or GIS geodatabase.	Ongoing	
	BMP 3.6 - Significant Contributors of Pollutants	BMP 3.6a - Hydrant Flushing Dechlorination	During the previous permit cycle the Maine DEP identified that hydrant flushing was a potential contributor of pollutants to MS4s. The DEP published an issue profile providing water districts and departments guidance on how to meet ambient water quality standards for chlorine during hydrant flushing. The document was specifically designed for discharges to MS4s. In addition, the Maine Rural Water Association and Maine Water Utilities Association prepared a guidance document and training to show departments and districts how to meet the requirements of the issue profile. The Town previously made annual requests to the Portland Water District and Maine Water to provide annual reports describing their hydrant flushing dechlorination processes, and the Town will continue to request that they provide the reports each year.	Due	6/30/2025
		BMP 3.6b - Non-Stormwater Discharges	If any of the following allowed non-stormwater discharges (in addition to hydrant flushing) are identified as significant contributors of pollutants to the MS4, the Town will work with the responsible dischargers to control these sources so they are no longer significant contributors of pollutants	Ongoing if Identified	
	BMP 4.2 - Site Plan Review Procedures	BMP 4.2a - Site Plan Review Procedures	The Town's Site Plan Review Procedures, which contain the required elements listed in the 2022 MS4 General Permit (consideration of potential water quality impacts, erosion control, waste storage, the ability for the public to comment at publicly noticed meetings, and procedures to consider information submitted by the public), will continue to be implemented.	Continue to Implement	
	BMP 4.3 - Procedures for Notifying Construction Site Developers and Operators	BMP 4.3a - Construction Site Developers and Operators Notification	The Town will continue to notify developers and contractors of requirements to obtain coverage under the Maine Construction General Permit (MCGP) and Chapter 500 for sites that disturb one or more acres of land using the following methods: −In discussions with Developers during pre-application meetings and through the Planning Board review process. −During compliance review at Prepare-construction meeting.	Continue to Notify	

Permit Year 3					
Task					Deadlines
	BMP 4.4 - Conduct and Document Construction Site Inspections	BMP 4.4a - Active Construction Site Inspections	The Town will continue implementing its procedure for active construction site inspections.	Continue to Implement	
		BMP 4.4b - Construction Site Inspection Documentation	The Town will document construction sites that trigger the ordinance using an Excel spreadsheet or GIS geodatabase each year. The spreadsheet will contain the site's name, map and lot number, dates of inspections, and any enforcement actions and corrective actions taken.	Due	6/30/2025
	BMP 5.2 - Maintain Post-Construction Ordinance or Similar Measure	BMP 5.2a - Post-Construction Sites Tracking	During the 2008-2013 permit cycle, the Town passed Chapter 419 of the Scarborough Zoning Ordinance, the Post Construction Stormwater Infrastructure Management Ordinance (effective September 2, 2009), which requires any site that disturbs one acre or more to certify to the Town annually by June 1 that they have inspected and maintained their stormwater BMPs. The Town will continue to track: – The cumulative number of sites that have Post-Construction BMPs discharging into the Town's MS4; –The number of sites that have post construction BMPs discharging into the Town's MS4 that were reported to the municipality; –The number of sites with documented functioning post construction BMPs, and; –The number of sites that required routine maintenance or remedial action to ensure that the post construction BMP is functioning as intended.	Due	6/1/2025
MCM 6 - Pollution Prevention/Good Housekeeping for Municipal Operations	BMP 6.1 - Operations at Municipally Owned Grounds and Facilities	BMP 6.1a - Update Inventory	During the previous MS4 permit cycle, the Town developed an inventory of municipal operations conducted in, on, or associated with facilities, buildings, cemeteries, parks and open space owned or operated by the Town that have the potential to cause or contribute to stormwater pollution. The Town will review and update its inventory annually.	Due	6/30/2025
		BMP 6.1b - O&M Procedures	During the previous MS4 permit cycle, the Town developed and implemented Operation and Maintenance (O&M) Procedures for the municipal operations listed in their inventory that had the potential to cause or contribute to stormwater pollution. The Town will continue to implement these O&M Procedures and will review and update the O&M Procedures annually to iteratively improve strategies and practices to eliminate or better control pollutant discharges.	Due	6/30/2025
	BMP 6.2 - Training	BMP 6.2a - Annual Training	The Town will conduct annual training as follows: a. Train Public Works and Community Services employees annually in the Stormwater Pollution Prevention Plan (SWPPP) and Grounds and Maintenance O&M Procedures. b. Train Police, and Fire, and School Department employees annually in their respective O&M procedures .	Due	6/30/2025
	BMP 6.3 - Continue Street Sweeping Program	BMP 6.3a - Street Sweeping	Each permit year the Town will continue to sweep all publicly accepted paved streets and publicly owned paved parking lots where winter maintenance activities occur at least once per year as soon as possible after snowmelt.	Due	6/30/2025

Permit Year 3					
Task					Deadlines
	BMP 6.4 - Cleaning of Catch Basins	BMP 6.4a - Catch Basin Inspections	The Town will inspect its catch basins for sediment content at least once every two (2) years	Due	6/30/2025
		BMP 6.4b - Catch Basin Sediment Tracking	The Town will track which catch basins accumulate excess sediment (i.e., 50% or more of the sump contains sediment) to ensure those basins are inspected again the following year and cleaned if necessary. If a catch basin exhibits less than 25% sediment in its sump for two (2) consecutive years, it is removed from the excess sediment list, and can be inspected again every two (2) years.	Ongoing	
		BMP 6.4c - Re-use of Catch Basin Cleanings	The Town will continue to beneficially re-use any catch basin grit that does not exhibit evidence of sewage, oil/grease, litter, or other pollutants in accordance with Maine DEP Solid Waste Management Rule 418 Beneficial Use of Solid Waste. Grit that exhibits evidence of pollutants will be profiled to assess its waste classification and disposed of at an appropriately licensed solid waste facility.	Continue	
	BMP 6.5 - Maintaining and Upgrading Stormwater Conveyances and Outfalls	BMP 6.5a - Stormwater Conveyance Systems	The Town will maintain and upgrade the stormwater conveyance systems based on the results of the evaluation conducted as part of the annual pavement management program. the catch basin, outfall, and ditch inspections, in accordance with the urgency of any needed repairs or maintenance. The Town continues to perform systematic capital upgrades of the storm drain system in correlation with the road paving program for the Town. The Town also inspects and maintains its proprietary stormwater treatment systems using a qualified third-party inspector.	Due	6/30/2025
		BMP 6.6b - SWPPP Implementation	The Town will implement the SWPPP throughout each Permit Year including conducting quarterly facility inspections using the Town's own form (Appendix E) and visual monitoring using forms containing the inspection criteria identified in Appendix D of the 2022 MS4 General Permit.	Due	6/30/2025
BMP 7 - Impaired Waters	BMP 7.1 - Minimize Chloride Contributions to Red Brook	BMP 7.1a - Annual Training on New Chloride Reduction Techniques	At least one representative from the Town will attend an annual regional training or roundtable to learn about new chloride reduction techniques coordinated by the ISWG or another organization.	Due	6/30/2025
		BMP 7.1b - Facilitation of Chloride Reduction by Private Contractors	In Permit Year 1 and alternating years thereafter until it passes, the Town will provide educational outreach regarding limited liability legislation to legislators and at least two other organizations representing firms that conduct application of chloride on private property. The Town will also provide comments on any drafted legislation and provide educational testimony at the committee level. The information provided will identify how chloride affects water quality and how limited liability legislation will support a training, data collection, and certification program like the New Hampshire "Green Snow Pro" program or Minnesota's Smart Salting Training Program for private applicators.	Due	6/30/2025
			Date Limited Liability Legislation Passed	Date Passed	Ongoing
			In years when limited liability legislation has not passed and is not active for procedural reasons, the Town will provide winter maintenance education and outreach to the public. The messaging will be delivered using two tools per year selected from Appendix D.	Due	6/30/2025
			Should the legislation be successful, the following steps will be taken: -The first year after it passes, the Town will provide a presentation to the Town Council to inform them of the new law. -Beginning the second and subsequent years after passage, the Town will educate property owners/managers, private contractors, and/or the public on winter maintenance practices to maintain public safety and protect the environment. This outreach will be delivered using two tools per year selected from Table 5 in Appendix D.	Due	

Permit Year 3					
		Task			Deadlines
		BMP 7.2c - Analysis of Collected Water Quality Data	During Permit Year 3, the Town and the City of South Portland will compile and analyze the collected data for review by the Red Brook Watershed Management Plan Working Group (see BMP 7.3). This data analysis and review will determine if additional water quality monitoring is needed and provide a more accurate representation of watershed conditions.	Due	6/30/2025
		BMP 7.3c - Data Review	During Permit Year 3, the Working Group will review existing data to confirm or update the stressors and collect additional data to better understand the water quality and aquatic impairments. Tasks may include reviewing pre-existing watershed information, updating the stream corridor assessment, analyzing water quality data collected in BMP 7.2, and completing additional stressor identification. This work will be accomplished either utilizing consultant(s) (if funded through the annual budget process in Permit Year 2) or Town staff with support from DEP.	Due	6/30/2025
	BMP 7.4 - Minimize Chloride Contributions to Phillips Brook	BMP 7.4a - Annual Training on New Chloride Reduction Techniques	At least one representative from the Town will attend an annual regional training or roundtable to learn about new chloride reduction techniques coordinated by the ISWG or another organization.	Due	6/30/2025
		BMP 7.4b - Facilitation of Chloride Reduction by Private Contractors	In Permit Year 1, and alternating years thereafter until it passes, the Town will provide educational outreach regarding limited liability legislation to legislators and at least two other organizations representing firms that apply chloride on private property. The Town will also provide comments on any drafted legislation and provide educational testimony at the committee level. The information provided will identify how chloride affects water quality and how limited liability legislation will support a training, data collection, and certification program like the New Hampshire "Green Snow Pro" program or Minnesota's Smart Salting Training Program for private applicators.	Due	6/30/2025
			Date Limited Liability Legislation Passed	Date Passed	Ongoing
			In years when limited liability legislation has not passed and is not active for procedural reasons, the Town will provide winter maintenance education and outreach to the public. The messaging will be delivered using two tools per year selected from Appendix D.	Due	6/30/2025
			Should the legislation be successful the following steps will be taken: -The first year after it passes, the Town will provide a presentation to the Town Council to inform them of the new law. -Beginning the second and subsequent years after passage, the Town will educate property owners/managers, private contractors, and/or the public on winter maintenance practices to maintain public safety and protect the environment. This outreach will be delivered using two tools per year selected from Table 5 in Appendix D.	Due	

Permit Year 3					
			Task		Deadlines
	BMP 7.5 - Targeted Behavior Change: YardScaping 2.0	BMP 7.5a - Public Education on Lawn and Yard Maintenance	As identified in Section 1.4 of this SWMP, public education about preferred lawn and yard maintenance was identified as a recommendation in the Phillips Brook WMP. This BMP will provide targeted education to the residents living adjacent to Phillips Brook. The goal of the enhanced public education is to encourage residents to improve their riparian zone by creating or improving and maintaining the riparian buffer with native species to minimize erosion and to implement one of the YardScaping concepts. This BMP will incorporate targeted and regional outreach with other ISWG municipalities that have urban impaired streams. The following actions will occur each year: -Provide one digital and one print outreach to residents abutting Phillips Brook about creating, improving, and maintaining their riparian zone. -Offer four regional workshops on YardScaping and buffer BMPs (workshops will alternate between ISWG communities with urban impaired streams each year). -Work with local retail partners to provide product and plant recommendations. -Surveys will be conducted immediately after workshops and then a follow up survey will be conducted after the next growing season to evaluate behavior changes of the target audience.	Due	6/30/2025
		BMP 7.6b - Ordinance Update	By the end of Permit Year 3 Town staff will draft an update to the Town ordinance that includes a minimum of 75-foot stream buffer along the Phillips Brook corridor as part of a Stream Protection Overlay. The draft ordinance language will be presented to the Town's Ordinance Committee for review and approval. In addition, the Town will meet with the DEP Shoreland Zone Coordinator to review the proposed mapping changes with. Feedback from both the local review and the State review will be incorporated into the final ordinance language and mapping.	Due	6/30/2025