

New Hampshire Small MS4 General Permit
EXISTING PERMITTEES

Reporting Period: July 1, 2024 - June 30, 2025

Amherst

EPA NPDES Permit Number NHR041001

Certification of Small MS4 Year 7 Annual Report

"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 gathered and evaluated 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."

Printed Name: Lincoln Daley	
Title: Town Administrator	
Signature: 	Date: 7/29/25

Primary MS4 Program Manager Contact Information:

Name: Lincon Daley	Title/Position: Town Administrator		
Department: Town of Amherst			
Street Address: 2 Main Street			
City: Amherst	State: New Hampshire	Zip Code: 03031	
Email: ldaley@amherstnh.gov	Phone Number: 603-673-6041		

Small MS4 Authorization

The following annual report, which serves as a self-assessment, is intended to document the activities undertaken over the **reporting period from July 1, 2024, through June 30, 2025**, in accordance with the Permit.

Please do not attach any documents to this form. Instead, attach all requested documents to an email when submitting the form. Also ensure that any websites included on this form are to publicly accessible sites and that links are correct and valid.

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.

The Notice of Intent (NOI) can be found at the following (document name or web address):

<https://www.epa.gov/npdes-permits/regulated-ms4-new-hampshire-communities>

Compliance activities have been identified and described in the Town of Amherst's Stormwater Management Program Plan (SWMP) and Illicit Discharge Detection and Elimination (IDDE) Plan. Those documents and other pertinent Year 7 information can be found in this submission or at the following websites, and will be referred to throughout this report:

SWMP: https://www.amherstnh.gov/sites/g/files/vyhlif4116/f/uploads/town_of_amherst_swmp_6.30.22_2_0.pdf
Date SWMP was Last Updated: June 30, 2022
IDDE Program Plan: idde_plan_final.pdf
Updated System Map: See Attachment A of the following document www.amherstnh.gov/sites/g/files/vyhlif4116/f/uploads/draft_outfall_mapping_memo-ws_to6-2025june30_0.pdf
Updated SSO Inventory: N/A
Updated Inventory and Ranking of Outfalls/Interconnections with System Vulnerability Factors: Not updated, See comments in report
Dry Weather Screening Data: See pages 4 and 5, and Attachment B of the following document www.amherstnh.gov/sites/g/files/vyhlif4116/f/uploads/draft_outfall_mapping_memo-ws_to6-2025june30_0.pdf
Wet Weather Screening Data: N/A
Catchment Investigation Data: N/A
Illicit Discharge Removal Report: N/A No illicit discharges
Results from additional stormwater or receiving water quality monitoring reports or studies: The Town of Amherst did not collect stormwater or receiving water quality samples during reporting year.

The Souhegan Watershed Association conducted water quality monitoring, the results of which are located at <https://www.souheganriver.org/river-water-quality-reports/>

PTAP 2025 Nutrient Reduction Report: <https://www.amherstnh.gov/public-works/files/ptap-2025>

Salt Reduction Plan: N/A

Annual Salt Usage Report: N/A

Updated Nitrogen Source Identification Report: N/A

PTAP 2025 Nutrient Reduction Report: N/A

Amherst Nutrient Tracking Program Report: N/A

Updated Phosphorus Source Identification Report: The Town of Amherst did not update the Phosphorus Source Identification Report this period.

PTAP 2025 Nutrient Reduction Report: <https://www.amherstnh.gov/public-works/files/ptap-2025>

Nutrient Tracking Program Report: N/A

Street Sweeping Schedule: The Town of Amherst hired a contractor to sweep all curbed streets in town once per year in the spring.

Chloride Reduction Plan: N/A

Annual Salt Usage Report N/A

Lake Phosphorus Control Plan: The Lake Phosphorus Control Plan (LPCP) for Baboosic Lake is not completed. Due to significant staffing issues and budgetary constraints, the Town of Amherst is behind on the development of the LPCP. However, during the reporting year, the Town applied for and was awarded a Clean Water State Revolving Fund Loan (CWSRF) to prepare the LPCP and update the existing Baboosic Lake Watershed Plan. In March 2025, the Town residents voted to apply for and accept the CWSRF loan. The CWSRF loan was endorsed by the Board of Selectmen and the Baboosic Lake Association. The Application and Scope of Work were submitted in June and approved by NHDES where it was sent to the State House for Governor & Counsel (G&C) approval. As of the preparation of this report, the Town of Amherst is still waiting for G&C approval.

PTAP 2025 Nutrient Reduction Report: <https://www.amherstnh.gov/public-works/files/ptap-2025>

Nutrient Tracking Program Report: N/A

Self-Assessment

Select the impairment(s) and/or TMDL(s) that are applicable to your MS4. Make sure you are referring to the [2020/2022 EPA approved Section 303\(d\) Impaired Waters List](#) which was used for the Year 7 reporting period and can be found on the [New Hampshire Department of Environmental Services \(NHDES\) webpage](#).

All **Appendix F and H requirements** can be found under “Appendix F and H: Water Quality Limited Waters & TMDLs” section of this report.

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

Receiving Waters/Impaired Waters/TMDL

Have there been any changes to your lists of **receiving waters or impairments** since the NOI was submitted?

☒ Yes

Changes have been made to the lists of receiving waters or impairments since the NOI submission. The following **impairments and/or TMDLs** have been added or delisted:

Water Quality Impaired Waters: Baboosic Lake

TMDL: Escherichia Coli

Note: Changes were only made to the list of receiving waters and the number of outfalls which discharge to the receiving waters

☐ No

There have been no changes to the lists of **receiving waters or impairments** since the NOI submission.

Have there been any changes to your **list of outfalls** since the NOI was submitted?

☒ Yes

Changes have been made to the **list of outfalls** since the NOI submission.

A total of 6 outfall(s) have been added.

A total of 51 outfall(s) have been removed.

☐ No

Amherst has not made changes to the **list of outfalls** since the NOI submission.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

The Town of Amherst hired an engineering consultant to perform additional inspections and mapping. The consultant identified 51 outlet pipes misidentified as outfalls that were simply cross culverts or did not discharge to surface waters. An additional 6 regulated outfalls were identified that discharge to receiving waters within the Town's MS4. The consultant completed dry weather screening of most of the new and existing outfalls. The Receiving Water table has been updated to reflect regulated outfalls. The Table was also updated reflect that Baboosic Lake is subject to the state-wide TMDL for eColi. An updated *Receiving Waters* table is posted on the Towns stormwater webpage at the following link:

[www.amherstnh.gov/sites/g/files/vyhlf4116/f/uploads/receiving_waters - updated 2025.pdf](http://www.amherstnh.gov/sites/g/files/vyhlf4116/f/uploads/receiving_waters_-_updated_2025.pdf) As additional investigation and inspections occur, the table will be updated as necessary

The Town of Amherst residents voted in March 2025 to apply for and accept a Clean Water Grant for development of an Asset Management program. The Town was preliminarily awarded the grant and submitted final paperwork for Governor and Counsel (G&C) approval during the reporting year. As of the time of this report, the Grant is still waiting for G&C approval.

Minimum Control Measures

MCM 1: Public Education

Total number of all MS4 related educational efforts completed *during this reporting period*: 9

Were any of the messages below different than what was proposed in your NOI?

☒ No.

☐ Yes. Amherst made changes due to N/A.

BMP: Pet Waste Disposal

Outreach Resources:

- a. Every Drop brochure w/Pet Waste Pledge
www.amherstnh.gov/sites/g/files/vyhlf4116/f/pages/every_drop_pamphlet.pdf
- b. Pick Up After Your Pet signs

Description:

A brochure explaining the importance of picking up and properly disposing of pet waste was added to every dog license issued in Amherst. Distribution and promotion of “Every Drop” pledge to pick up pet waste is made available during dog registration. It includes educational information about proper pet waste management, impacts of improper management, and disposal requirements messaging. Every Drop is a collaborative education effort with PREP, NHDES, and other partners.

And

The Town of Amherst posted pet waste cleanup signs around a common green space near Baboosic Lake where residents walk their dogs.

Targeted Audience:

Residents - Pet Owners near impaired surface water

Responsible Department/Parties:

Department of Public Works

Measurable Goal(s):

Dog owners and/or dog walkers are aware of the potential water quality impacts from pet waste, local pet waste ordinances, and how to dispose of pet waste properly. If pledges are signed, there will be an increase of dog owners committed to picking up pet waste and a decrease in the presence of dog waste in public areas.

Following is the number of residents that pledged through the PREP “Every Drop” website **during this reporting period:**

Year 7 = No residents took the pledge during the reporting year

Following are the number of flyers, mailers, postcards, and/or brochures that were distributed **during this reporting period:**

Year 7 = unknown– The Town displayed brochures but did not keep track of numbers of brochures taken.

And

Three dog waste signs continue to be in place at the Baboosic Lake common green space and there has been a decrease in dog waste observed during mowing **during this reporting period.**

Goal was achieved.

Message Date: March/April - Brochures distributed during license renewal
Year-Round – Brochures are available at kiosks at town hall and DPW facility and on the DPW webpage
Year Round – Signs at Baboosic Lake common green space.

BMP: Disposal of Leaf and Grass Clippings

Outreach Resources:

- a. Green Grass and Clear Water Brochure
www.amherstnh.gov/sites/g/files/vyhlif4116/f/pages/green_grass_and_clear_water_flyer_2019.pdf
- b. Keeping Water Quality in Mind During Spring Cleanup (Spring Press Release)
<https://www.amherstnh.gov/public-works/news/protect-water-quality-your-yard-these-tips>
- c. Composting Program at Amherst Transfer Station for yard waste and food waste
<https://www.amherstnh.gov/public-works/transfer-station/news/we-take-food-scrap-composting>

Description:

- a. Distribution and promotion of brochures and outreach materials on choosing the right seed, proper use of fertilizers, having soil tested, proper watering and mowing, and composting. Outreach materials/brochures are available at kiosks at the Town Hall and DPW Facility and webpage.
- b. The Spring press release was posted on the DPW Facebook Page and DPW webpage and shared with the Baboosic Lake Association for distribution with their newsletter. It provides simple practices and tips to help grow healthy lawns and protect water quality and health of surface water bodies and included links to UNH Cooperative Extension resources.

- c. The Town of Amherst has implemented yard waste and food waste composting programs to allow Amherst residents to drop off compostable materials at the Town's transfer station. Information is posted on the Amherst Transfer Station webpage.

Targeted Audience:

Residential

Responsible Department/Parties:

Department of Public Works

Measurable Goal(s):

Residents are aware of the water quality impacts of improper fertilizer use and yard waste dumping near or in water bodies and safe alternatives for yard waste disposal, determining appropriate fertilizer use, proper mowing and water use, and advantages to soil testing.

Following are the number of flyers, brochures, and door hangers that were distributed **during this reporting period:**

Year 7 = The Town did track of brochures taken and the website does not track page visits.

= The Town's DPW Facebook has over 1000 followers.

And

The Town of Amherst yard and food waste composting is actively used by residents for disposal of compostable material. Approximately 28,800 lbs of compost was collected **during this reporting period.**

Goal was achieved.

Message Date: Year-round for messages on webpage and brochures at kiosks
Spring (April 25, 2025) – Posted Press Release on Social Media and webpage
Year-round for collection of compostable yard and food waste

BMP: Septic System Maintenance

Outreach Resources:

Get Pumped New Hampshire brochure

www.amherstnh.gov/sites/g/files/vyhlif4116/f/pages/get-pumped-community-brochure-final.pdf

Description:

Distribution and promotion of Get Pumped NH educating homeowners with septic systems on how to identify, locate and maintain those systems. Get Pumped NH is a collaborated effort between the New Hampshire Association of Septage Haulers (NHASH) and the NHDES.

Targeted Audience:

Septic System Owners

Responsible Department/Parties:

DPW Operations

Measurable Goal(s):

Residents are aware of water quality impacts from septic systems, the importance of maintaining septic systems, and how to maintain them.

During this reporting period:

Year 7 = The Town did not track of brochures taken and the website does not track page visits

Goal was achieved.

Message Date: Year-round – brochures available at kiosks at Town Hall and DPW Facility

BMP: Amherst Town-Wide Clean Up Day**Outreach Resources:**

Amherst Town-wide Clean Up Day(s) - April 26-27, 2025 <https://www.amherstnh.gov/public-works/transfer-station/news/amherst-cleanup-day-2025>

Description:

Invitation to residents to participate in cleaning up town roads, parking lots or public areas. The invitation and announcement were posted on the Town webpage, Transfer Station webpage and Facebook. The Amherst Conservation Commission reached out to community organizations to encourage participation and eight organizations participated. The event took place on April 26 and 27, 2025. The Town organized it with help from volunteers. Supplies were made available to the public at the Town Hall, Library and two local businesses.

Targeted Audience:

Residential **and** Business and Institutions

Responsible Department/Parties:

Department of Public Works, Conservation Commission, Transfer Station, local businesses, and volunteers worked together on this MS4 outreach effort.

Measurable Goal(s):

Two local businesses participated by supplies available for the public to pick up.

Residents/volunteers filled ~360+/- bags of trash that were disposed of at the Amherst Transfer Station. Participation in 2025 was reported to have been similar to 2024.

Goal was achieved.

Message Date: April 2025

BMP: NH Lakes Presentation

Outreach Resources:

“Love Your Lakes and Rivers” Presentation

Description:

The Amherst ACC and NH Lakes sponsored a “Love Your Lakes & Rivers” presentation on June 19, 2025 to discuss Amherst’s water resources, the ecology of the lakes, and what residents can do to protect them from threats like cyanobacteria blooms. The presentation was during an ACC meeting which is open to the public and broadcast via Teams meeting which was publicly accessible.

Targeted Audience:

Residential

Responsible Department/Parties:

Amherst Conservation Commission with support from NH Lakes presented on this MS4 outreach effort

Measurable Goal(s):

Public view presentation in person and live online. Residents learn about lake ecology and reducing threats from cyanobacteria blooms.

Goal was achieved.

Message Date: June 19, 2025

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

N/A

MCM 2: Public Participation

- ☐ Provided an opportunity for public participation in review and implementation of SWMP and complied with State Public Notice requirements as described in the Town of Amherst SWMP.
- ☒ Kept records relating to the permit for 5 years and made available to the public.

Describe the opportunity provided for public involvement in the development of the Stormwater Management Program (SWMP) **during this reporting period:**

Description:

The Stormwater Management Program (SWMP) is publicly available for review at www.amherstnh.gov/sites/g/files/vyhlf4116/f/uploads/town_of_amherst_swmp_6.30.22_22_0.pdf.

Documents and records relating to the permit are retained and available for 5 years to the public at the Town of Amherst Town Hall and Department of Public Works offices.

Was this opportunity different than what was proposed in your NOI?

☒ No.

☐ Yes. Amherst made the following changes:

Measurable Goal(s):

No input was received.

Goal was achieved.

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

Public involvement or participation opportunities are ancillary to daily operations. Public involvement takes many forms including volunteers in town organizations and active involvement in lake associations or similar environmental stewardship organizations further described below:

1. Baboosic Lake Association (<https://www.baboosiclake.com/>)

The Baboosic Lake Association (BLA) is made up of volunteers who are property abutters and residents near Baboosic Lake. The overall goal of the BLA is to educate and inform lake area residents about the things they can do to improve the health of the lake. They do this by informing members simple choices can make a difference like what products you use in your home (a simple switch to low-phosphate dish washing detergent can help) or how you might landscape your yard, or how you might treat your lawn. The BLA website and included resources are dedicated to that goal.

The purpose of the BLA association is to: educate the public on the care, quality and preservation of Baboosic Lake and the surrounding watershed; educate the public on invasive species prevention;

educate responsible individuals on proper water quality testing techniques; assist and protect the citizens using the lake by funding and performing water testing and publishing alerts if any unsafe conditions are found; protect, preserve and improve the quality of Baboosic Lake and the surrounding watershed; and nominate a minimum of one charitable organization annually to make a donation in the name of the Baboosic Lake Association.

BLA solicits volunteers to help as weed watchers, lake hosts, and water quality monitors. Since 1983, Baboosic Lake Water Quality Volunteers test water weekly between the months of May and August. Once the water tests are taken from the lake, they are sent to the University of New Hampshire for testing for clarity, oxygen, chlorophyll and phosphorous. A strong group of volunteer weed watchers regularly patrols the lake, looking for milfoil or other signs of trouble. BLA is also fortunate to have a team of scuba divers who have been certified by the state to safely and effectively remove milfoil.

The BLA website includes resources regarding the Lake Monitoring Program, Lake health resources, beach sand replenishment permitting, pet waste, septic system maintenance, boat inspections for invasives, and stormwater management. BLA members also contracted with their own Certified Lake Manager (CLM) to further evaluate phosphorus loading and cyanobacteria blooms. Over the last year, BLA and their CLM worked with senior NHDES staff to coordinate a proposal for alum treatment in spring 2026 to combat cyanobacteria. A public meeting is scheduled for September 18, 2025.

The Town holds Baboosic Lake Working Group meetings at which members of BLA participate. A meeting was held May 6, 2025 to discuss the status of the proposed Watershed Plan Update, preparation of the Lake Phosphorus Control Plan, and the BLA's proposed Alum Treatment. Members of BLA will also be directly involved in the Baboosic Lake Watershed Management Plan Update and the development of the Lake Phosphorus Control Plan once the CWSRF Loan is approved by NH Governor and Counsel.

2. Souhegan Watershed Association <https://www.souheganriver.org/>

The Souhegan Watershed Association (SWA) is dedicated to protecting the Souhegan River watershed through community engagement, environmental stewardship, and advocacy for sustainable practices. The SWA began in 1995 and is organized by volunteers who live along the Souhegan River in southern New Hampshire. They work to improve and maintain the environmental quality and the cultural, economic and scenic diversity of the Souhegan River and its watershed. The goals of the SWA are: To protect and improve the water quality and quantity of the Souhegan River system; To educate the public about environmental issues pertinent to the health of the Souhegan River Watershed; and To support the continuing utilization of the Souhegan River for multiple uses.

The SWA has been active in sponsoring canoe trips along the river, in water quality monitoring, in sponsoring river cleanups, in obtaining conservation-protected land and creating trails along the river. SWA has published information about the river through a Green Guide and participated in a comprehensive river management plan. SWA maintains connections with other local watershed associations and works cooperatively with them. Water quality monitoring data is collected biweekly during the summer for pH, dissolved oxygen, and e-Coli and is posted on their website at <https://www.souheganriver.org/river-water-quality-reports/>.

The SWA scheduled a presentation for September 10, 2025 to the Amherst Conservation Commission to discuss the status of environmental monitoring with the Souhegan River Watershed area located within Amherst.

3. Amherst Conservation Commission

The Amherst Conservation Commission (ACC) was established in 1968 under Chapter 36-A of the New Hampshire revised statutes "for the proper utilization and protection of the natural resources and for the protection of watershed resources" in the Town of Amherst. The ACC is made up of volunteers with a common interest as nature stewards, protecting Amherst biodiversity, addressing invasive species, protecting water quality.

ACC and NH Lakes sponsored a "Love Your Lakes & Rivers" presentation on June 19, 2025 to discuss Amherst's water resources, the ecology of the lakes, and what residents can do to protect them from threats like cyanobacteria blooms. Copies of the meeting announcements are attached to this submittal.

4. Peabody Mill Environmental Center (PMEC) <https://www.amherstnh.gov/peabody-mill-environmental-center> , <https://amherstnh.myrec.com/info/default.aspx> , https://www.facebook.com/amherstrec/?ref=embed_page#

The Peabody Mill Environmental Center (PMEC) is an environmental and science education center which abuts almost 600 acres of Joe English conservation land and is directed by the Amherst Recreation Department. The mission of PMEC is to foster awareness, understanding, and appreciation of the natural world, by offering environmental, conservation, and science programs to all ages. PMEC strives to foster diligent stewardship of our environment so that future generations may inherit and continue to be inspired by the wonders of a protected and natural world.

Amherst Recreation Department endeavors to partner with local schools to teach environmental and science education through qualified PMEC educators. Some of the many related uses of Peabody Mill Environmental Center include the following: Educational Workshops, Environmental Programs, Scheduled Hikes, Summer Day Programs, Classroom Nature Programs, School Vacation Programs, Scouting Programs, and Nature Museum and Library.

Field Trips to the PMEC - PMEC and its grounds are utilized as an outdoor classroom for many area elementary and middle schools and have hosted groups of all ages, preschool through high school.

PMEC in the Classroom - PMEC sends teachers to interested classrooms. PMEC teachers have been part of the Amherst and Mont Vernon schools for years, among other area schools. Most of their science and nature lessons are geared toward grades K through 4, but will customize programs to accommodate any grade through high school.

Nature Explorers for Preschoolers - The "I LOVE Nature!" series for 3-6 year olds is focused on exposing our youngest residents to the beauty and wonders of the great outdoors explored through hands-on learning and play. Each month is a three-week series with a unified theme with indoor and outdoor time.

Early Release: Nature Explorers at P MEC – On early release Wednesdays, children in grades 1 through 4 are picked up from Wilkins School and head to P MEC for an exciting time in nature, hiking the beautiful trails, playing outdoor games, making nature-inspired crafts, and exploring the wonders of the natural world.

Kids Trail Trekkers Class – In this class, children in grades 1 through 4 discover the joy of hiking and nature through exciting outdoor adventures. Each week, they hit the trails to learn about local wildlife, plants, and the environment, while building teamwork, confidence, and a love for the outdoors. With fun games, scavenger hunts, and nature-based activities, kids stay active and engaged as they explore the great outdoors with new friends. This class is meant to foster curiosity, respect for nature, and healthy outdoor habits—all in a safe and supportive environment.

Scouting - The P MEC offers a variety of naturalist-led programs for Girl Scout or Boy Scout troops. Scouts of all ages come to the Peabody Mill Environmental Center to learn about science, nature, animals, and the environment. The P MEC can tailor the programs to meet the pins and/or badges the scout troop are earning and offer flexible scheduling for after school or over the week.

5. Amherst Garden Club (<https://amherstgardenclub.org/>)

The Amherst Garden Club (AGC) is a volunteer organization active in promoting environmental conservation and sustainability. It is one of the largest garden clubs in the state consisting of approaching 150 members including more than a dozen master gardeners. Their mission is to provide education resources and networking opportunities for our members to promote the love of gardening, civic landscaping and environmental responsibility. Their website includes an Environmental Sustainability page with information on Invasive Plants, Ecological Landscaping, Lawn care and alternatives to lawns, soil health and nutrient testing, composting, lawn and garden cleanup, water management and conservation (Link to Soak up the rain), and integrated pest management. They also provide a link to significant useful resources: <https://amherstgardenclub.org/wp-content/uploads/2025/04/Favorite-Resources.xlsx> .

The Amherst Garden Club also maintains a Charitable Fund from which funds are granted for local organizations and individuals with community projects that align with their mission. Grant applications can be submitted at any time of year and are reviewed as they are received. The AGC uses the opportunity to impact the future of our planet and to keep it safe and healthful, as well as beautiful by educating individuals and by encouraging students to choose environmentally conscious careers.

The Amherst Garden Club awards scholarships to encourage promising students from Amherst or Mont Vernon who will be attending an institute of higher learning to study horticulture, botany, plant science, landscape design, or environmental science as it relates to horticulture. In 2025, the AGC awarded scholarships to four students: 2 college students majoring in Environmental Conservation and Sustainability, and Community and Environmental Planning; and 2 graduating high school students pursuing a major in Environmental Science.

6. Household Hazardous Waste Collection Events

https://www.amherstnh.gov/sites/g/files/vyhlf4116/f/uploads/2025_hhw_day_flier.pdf

Amherst is a member of Nashua Region Solid Waste Management District (NRSWMD) with 10 other member towns. The NRSWMD was formed in 1988 specifically to address the problem of how to safely and legally dispose of household hazardous waste (HHW). The Nashua Regional Planning Commission (NRPC) organizes and staffs the household hazardous waste collection program on behalf of the NRSWMD. Six HHW events were held during the reporting period (8/24/24, 10/5/24, 11/2/24, 4/19/25, 5/10/25, 6/5/25). Amherst participants learned of the events from signs at the Amherst Transfer Station, internet searches, Town website, and word of mouth. A total of 124 households participated in the HHW events.

7. Amherst Town-Wide Clean-up Day(s) - April 26-27, 2025 <https://www.amherstnh.gov/public-works/transfer-station/news/amherst-cleanup-day-2025>

Amherst residents and businesses participated in cleaning up town roads, parking lots or public areas. Eight community organizations participated at the invitation from the Amherst Conservation Commission. The event took place on April 26 and 27, 2025. The Town organized it with help from volunteers. Two local businesses participated by supplies available for the public to pick up. Residents/volunteers filled ~360+/- bags of trash that were disposed of at the Amherst Transfer Station.

8. Baboosic Lake Community Septic System Committee- <https://www.amherstnh.gov/baboosic-lake-community-septic>

The Baboosic Lake Community Septic System (BLCS) Committee consists of five members, three of which are residents connected to the BLCS. The purpose of the committee is to serve as a conduit of information between the Town of Amherst and the residents connected to the BLCS system. The information will include concerns and solutions regarding the BLCS performance, integrity, management and maintenance needs, both scheduled and unscheduled, required in the system. The committee will provide feedback from the residents regarding rates, operational concerns and system integrity. Two BLCS committee meetings were held during the reporting period on 11/1/24 and 12/19/24.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

The Town of Amherst anticipates updating the SWMP during the next reporting year and will post it for public comment.

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

Sanitary Sewer Overflows (SSOs)

☒ 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:

Number of SSOs identified **during this reporting period:** 0

Number of SSOs removed **during this reporting period:** 0

MS4 System Mapping

☒ MS4 System Map was updated **during this reporting period:**

Percent of Phase 1 elements incorporated into MS4 System Map: 75 Percent of Phase 1 system mapping completed as of June 30, 2025.

Percent of Phase 2 elements incorporated into MS4 System Map: 0 Percent of Phase 2 system mapping completed as of June 30, 2025.

Describe any additional details regarding phase 1 and phase 2 MS4 System Mapping requirements, in the box below:

During the reporting year, the Town budgeted additional but limited funding toward the MS4 program. The Town of Amherst through its consultant, Weston & Sampson, resumed outfall investigations and mapping within the urbanized area during the reporting period. Part of the field investigation, 21 “outfalls” were revisited to verify precise locations and collect updated GPS coordinates, resulting in: 13 outfalls remapped; 3 previously buried outfalls being exposed, jetted and remapped; and 4 outfalls reclassified as cross culverts. Data was collected for 170 structures. The drainage system was reevaluated, and 30 outfalls were identified as regulated and meeting the definition of discharging into or near Waters of the US or into wetlands or streams that discharge to Waters of the US. 75% of the urbanized area has been investigated for outfalls. A summary report can be found at:

www.amherstnh.gov/sites/g/files/vyhlif4116/f/uploads/draft_outfall_mapping_memo-ws_to6-2025june30_0.pdf

The Town of Amherst voted in March 2025 to apply for and accept a Clean Water Grant for development of an Asset Management program. The Town was preliminarily awarded the grant and submitted final paperwork for Governor and Counsel (G&C) approval during the reporting year. As of the time of this report, the Grant is still waiting G&C approval.

Screening of Outfalls/Interconnections

Dry Weather Screening

- ☒ Outfalls were inspected for dry weather screening **during this report period** and data can be found www.amherstnh.gov/sites/g/files/vyhlf4116/f/uploads/draft_outfall_mapping_memo-ws_to6-2025june30_0.pdf

Below, report on the number of outfalls screened in the MS4 system:

Number of outfalls/interconnections screened **during this reporting period**: 25 out of 30

Percent of total known outfalls/interconnections screened **to date (Year 1 – Year 7)**: 84%

The inventory and ranking of outfalls/interconnections was not updated during Year 7. Outfalls/Interconnections were inspected however no update to the ranking occurred.

Describe any additional details regarding dry weather screening requirements, in the box below:

The Town of Amherst has completed dry weather screening for 24 of the 30 regulated outfalls. The remaining were either buried, submerged, or had flow that appeared to be associated with flow-through of a perennial stream. Follow-up inspections are being conducted to expose buried outfalls, inspect upstream structures for flow contribution, and confirm source of flows at the outfall. Dry weather sampling will occur if conditions justify a suspect source of non-storm or non-surface water.

The Town continued to struggle with staffing during the reporting year and is striving to address incomplete tasks. As a result, the Inventory and Ranking Outfalls spreadsheet has not been updated. The Town plans to update the Inventory and Ranking Outfalls spreadsheet during the current reporting period which will reflect any dry weather screening completed to date.

Wet Weather Screening

- ☒ No outfalls/interconnections were inspected for wet weather screening **during this report period**.

Number of outfalls screened **during this reporting period**: 0

Percent of total known Problem Outfalls and outfalls/interconnections that identify sewer input screened **to date (Year 1 – Year 7)**: 0

Percent of total known outfalls/interconnections screened **to date (Year 1 – Year 7)**: 0.

Describe any additional details regarding wet weather screening requirements, in the box below:

Amherst has not completed wet weather outfall screening. There are no known Problem outfalls or outfalls that would have been identified as having sewer input.

Catchment Investigations

- ☒ No catchment investigations were inspected for wet weather screening **during this report period**. Catchment investigations include investigations associated with Problem, High Priority, and Low Priority Outfalls/Interconnections within the MS4 regulated area.

Number of catchment investigations **during this reporting period**: 0. Catchment Investigations were conducted as outlined in Part [2.3.4.8](#) of the permit and include investigations associated with Problem, High Priority, and Low Priority Outfalls and Interconnections within the MS4 regulated area.

Percent of total Problem Catchment and outfalls/interconnections that identify sewer input investigated **to date (Year 1 – Year 7)**: 0

Percent of total catchments investigated **to date (Year 1 – Year 7)**: 0

Describe any additional details regarding catchment investigations requirements, in the box below:

Amherst has struggled with staffing and funding over the past several years. This past year limited additional funding was budgeted that allowed the Town to hire a consultant to assist the Town in catching up with the MS4 permit requirements.

IDDE Progress

- ☒ No illicit discharges were found **during this reporting period**.

Number of illicit discharges identified **during this reporting period**: 0

Number of illicit discharges removed **during this reporting period**: 0

Estimated gallons of flow removed **during this reporting period**: 0 gallons/day

Total number of illicit discharges identified **since the effective date of the permit (July 1, 2018 – June 30, 2025)**: 0

Total number of illicit discharges removed **since the effective date of the permit (July 1, 2018 – June 30, 2025)**: 0

Describe any additional details regarding illicit discharge requirements, in the box below:

The Town has no sanitary sewers and no illicit discharges have been detected or identified.

Employee Training

- ☐ Provided training to employees involved in IDDE program **during this reporting period:**

Amherst held an IDDE training session for municipal staff on N/A. In addition, Amherst routinely provides IDDE materials and training, including information on how to identify illicit discharges and SSOs are made available to applicable employees in accordance with IDDE Program Plan. Training logs are included in Appendix F of the IDDE Program Plan.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

IDDE Training of DPW staff **did not** occur during the reporting period.

During the reporting period, the Town of Amherst worked with its consultant to develop an IDDE stormwater ordinance to supplement the Town's stormwater regulations and memorialize additional stormwater management requirements, restrictions, and enforcement ability. The IDDE ordinance is currently undergoing final reviews and will be brought before the Board of Selectmen during Fall 2025 for approval. Upon approval, the Town will implement comprehensive training for all staff that are either directly involved in the administration of the ordinance, as well as staff that are involved in field inspections, or field work where they may be working around stormwater structures where they may encounter illicit discharges. Training of DPW staff on how to identify illicit discharges will begin this fall. The Town will also provide IDDE materials and information on how to identify illicit discharges in accordance with IDDE Program Plan. Training logs including sign-in sheets will be maintained in the IDDE Program Plan.

Additional training:

Staff routinely undergo environmental-related training including webinars, conferences, and workshops throughout the year. Some of these include:

- PFAS Disposal Webinar (10/8/24)
- EPA/NEWEA Industrial Pretreatment Conference (10/30-31/24)
- Environmental Business Council PFAS Seminar (2/13/25)
- NH Hazardous Waste Coordinator Annual Refresher (3/26/25)
- NHDES Source Water Protection Conference (6/12/25)

MCM 4: Construction Site Stormwater Runoff Control

The following tasks are in progress in accordance with the permit:

Number of site plan reviews completed *during this reporting period*: 30

Number of inspections completed *during this reporting period*: 7

Number of enforcement actions taken *during this reporting period*: 0

The Town of Amherst Community Development and Planning Department works closely with contractors and developers to ensure stormwater environmental concerns are addressed early in the planning process in order to have the least environmental impact.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

The Planning Board uses the Town's Consulting Engineer for review of stormwater management plans and drainage reports as part of subdivision and site plan review applications. The Town's Consulting Engineer inspects road construction projects, including drainage infrastructure installation, and erosion controls.

The DPW uses State of NH BMPs for erosion and runoff control and inspects municipal road construction/ rehabilitation projects on a daily basis, Monday through Friday, along with the contractor and following a rain event. Should a rain event occur on a weekend, the contractor conducts an inspection of the project, a condition that is written into the contract.

Every building permit and Planning Board application form is preceded by a Stormwater Management Application Form that requires the applicant to identify those projects that would require a Stormwater Management Plan to be prepared in accordance with the Town's Stormwater Regulations.

MCM 5: Post-Construction Stormwater Management in New Development and Redevelopment

As-built Drawings

Number of as-built drawings received *during this reporting period*: 3

Local Regulations Assessment Report

- ☒ The **Assessment Report** was evaluated and no updates were recommended *during this reporting period*.

Street Design, Parking Lots, and Creation of Impervious Cover

- ☒ No updates were made or planned to be made to Local Regulations that affect the creation of impervious cover *during this reporting period*.

Green Infrastructure

- ☒ No updates were made or planned to be made to Local Regulations regarding green infrastructure practices *during this reporting period*.

Retrofit Properties Inventory

- ☒ The Town of Amherst has identified the remaining permittee-owned properties that **could be** modified or retrofitted with BMPs to mitigate impervious areas and of which are included in the list below:

List of MS4 Properties:

- DPW Facility, 22 Dodge Road
- Police/Fire Facility, 175 & 177 Amherst Street
- Amherst South Fire Station, 62 Stearns Road T
- Town Beach, 25 Broadway
- Town Hall, 2 Main Street
- Transfer Station, 260 NH Route 101

List of Non-MS4 Properties: NA

- ☐ The Town of Amherst has modified or retrofitted the following MS4 properties with BMPs to mitigate impervious area that were inventoried as part of 2.3.6.e of the permit. Following is a list of the properties that were modified or retrofitted as well as the type of BMP(s) that were implemented:

List of MS4 Properties: 0 (No properties were retrofitted within the reporting period.)

List of Non-MS4 Properties: NA

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

No properties were retrofitted within the reporting period. The Town has struggled with staffing and budget shortage over the last several years. During the reporting year, the Town secured additional funding to continue stormwater infrastructure mapping using a consultant. As part of this effort, BMPs are starting to be mapped and inspected. As BMPs are mapped and incorporated into the Town's maintenance program, locations will be identified where BMP installations may be necessary. The Town of Amherst residents voted in March 2025 to apply for and accept a Clean Water Grant for development of an Asset Management program. The Town was preliminarily awarded the grant and submitted final paperwork for Governor and Counsel (G&C) approval during the reporting year. As of the time of this report, the Grant is still waiting for G&C approval.

MCM 6: Good Housekeeping

Catch Basin Cleaning

- ☒ Stored and disposed of catch basin cleanings so they did not discharge to receiving waters.
- ☒ Report on the actions taken if a catch basin sump is more than 50% full during two consecutive routine inspections/cleaning events:

A schedule for catch basin cleaning is being established with the goal of ensuring that a catch basin should not be more than 50% full. Based on previous cleanings, the Town significantly increased the number of catchbasins cleaned during the reporting year in order to gain a better understanding of the frequency and cause of catchbasins being greater than 50% full. The Town has been identifying structures that were either not originally mapped or have not been cleaned and therefore have limited history of cleaning. The current data is being evaluated to differentiate catchbasins routinely greater than 50% full, from those not requiring frequent cleaning. Based on this information, the Town will investigate to determine cause of excess accumulation and evaluate the need for mitigation efforts.

Despite cleaning 304 more catchbasins during the current reporting period than the prior year, there was 25% reduction in material removed.

Number of catch basins inspected **during this reporting period:** 689

Number of catch basins cleaned **during this reporting period:** 689

Total volume of material removed from **all** catch basins **during this reporting period:** 133 Cubic Yards

Total number of catch basins within the MS4 system: 960

Street Sweeping

- ☒ Stored and disposed of street sweepings so they did not discharge to receiving waters.
- ☒ All curbed roadways were swept at least once within the reporting period.

All curbed roadways were swept at least once *during this reporting period*.

Number of (lane) miles swept *during this reporting period*: 114 lane miles

Volume of swept material *during this reporting period*: 47 cubic yards

Stormwater Pollution Prevention Plan (SWPPP)

The Town of Amherst has implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities that are not currently covered under another NPDES Permit. SWPPPs have been prepared and implemented for the following: Amherst DPW Facility and Amherst Transfer Station

Number of site inspections completed for *during this reporting period*: 12

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

No corrective actions necessary.

Operations and Maintenance (O & M) Programs

☐ O&M programs for all permittee owned facilities have been completed and/or updated as noted below:

☐ Implemented all maintenance procedures for permittee-owned facilities in accordance with O&M programs.

☒ Updated inventory of all permittee owned facilities as necessary.

All permittee owned facilities, including an inventory, are included in our SWMP. There were no changes to report during Year 7.

☒ Implemented program for MS4 infrastructure maintenance to reduce the discharge of pollutants as outlined in the SWMP.

☐ Inspected all permittee owned treatment structures (excluding catch basins) as outlined in the SWMP.

☒ Enclosed all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt as outlined in the SWMP.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

The Town performs operation and maintenance as needed however a formal written program is not in place. However, the Town has continued to struggle with staffing and budget over the last several years but is budgeting to complete work over the next reporting year. The Town of Amherst residents voted in March 2025 to apply for and accept a Clean Water Grant for development of an

Asset Management program. The Town was preliminarily awarded the grant and submitted final paperwork for Governor and Counsel (G&C) approval during the reporting year. As of the time of this report, the Grant is still waiting for G&C approval. The Asset Management program will include O&M program to ensure inspections and O&M occur.

Appendix F and H:

Water Quality Limited Waters & TMDLs

Bacteria/Pathogens Impairment (Appendix H) AND TMDL (Appendix F)

- ☒ Annual message was distributed encouraging the proper management of pet waste, including noting any existing ordinances where appropriate ***during this reporting period.***
- ☒ Permittee or its agent(s) disseminated educational material to dog owners at the time of issuance or renewal of dog license, or other appropriate time ***during this reporting period.***
- ☒ Provided information to owners of septic systems about proper maintenance in any catchment that discharges to a water body impaired for bacteria ***during this reporting period.***

Describe progress made on any **incomplete requirements** listed above or optionally provide any additional relevant details, in the box below:

The Town continues to maintain the Baboosic Lake Community Septic system which serves 43 homes immediately adjacent to or near Baboosic Lake. Regular maintenance is overseen by the Town including tank pumping, annual pump inspections and maintenance. The Town is working with NHDES Subsurface Systems Bureau to be able to connect more homes to the system.

Chloride Impairment (Appendix H)

☒ Permittee **does not** have a chloride impairment.

- ☐ Reported amount of salt applied to all municipally-owned and maintained surfaces by completing the NHDES Annual Salt Usage reporting form and submitting it to NHDES and can be found (N/A). The UNH Technology Transfer Center online tool is non-functional and has been for several years.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

The Town of Amherst does **not** have chloride impairments. However, the Town has implemented salt reduction efforts to protect water quality. Several employees have been trained in the Green SnowPro Program including calibration of spreaders and implementation of best management practices as well as attending the NHDES annual salt symposium. The Town of Amherst also uses magnesium chloride to reduce the amount of salt applied in the winter. The Town is evaluating whether to obtain the Municipal Green Snowpro Certification.

Nitrogen Impairment (Appendix H)

- ☒ Permittee **does not** have a nitrogen impairment.
- ☐ Permittee **has** a nitrogen impairment.
 - ☒ Distributed an annual message that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release fertilizers **during this reporting period.**
 - ☒ Distributed an annual message encouraging the proper management of pet waste, including noting any existing ordinances where appropriate **during this reporting period.**
 - ☒ Distributed an annual message encouraging the proper disposal of leaf litter **during this reporting period.**
 - ☐ Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.d.iii to a minimum of two times per year (spring and fall) **during this reporting period.**
 - ☒ Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.d.iii to a minimum of one time per year (spring) and implemented a fall leaf litter collection program in lieu of post-drop street sweeping **during this reporting period.**

Phosphorus Impairment (Appendix H)

- ☒ Permittee **does not** have a phosphorus impairment.
- ☐ Permittee **has** a phosphorus impairment.
 - ☒ Distributed an annual message that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release fertilizers **during this reporting period.**
 - ☒ Distributed an annual message encouraging the proper management of pet waste, including noting any existing ordinances where appropriate **during this reporting period.**
 - ☒ Distributed an annual message encouraging the proper disposal of leaf litter **during this reporting period.**
 - ☐ Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.d.iii to a minimum of two times per year (spring and fall) **during this reporting period.**
 - ☒ Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.d.iii to a minimum of one time per year (spring) and implemented a fall leaf litter collection program in lieu of post-drop street sweeping **during this reporting period.**

Phosphorus Source Identification Report- Update

Structural BMPs

- ☒ The Phosphorus Source Identification Report was reviewed and there were no updates required **during this reporting period** because there were no revisions. The Phosphorus Source Identification Report can be found in at the following website www.amherstnh.gov/sites/g/files/vyhlif4116/f/uploads/baboosic-lake-amherst-lpcp-ms4area.pdf.
- ☒ Amherst has **not** installed a minimum of one structural BMP(s) as a demonstration project within the drainage area of the water quality limited water or its tributaries **by the end of this reporting period.** Amherst plans to install a structural BMP(S) within the next reporting year.
- ☒ No BMPs were installed **during this reporting period.** The implementation schedule is outlined in *Section 2: Potential Structural BMPs Report (Year 5) in Part II.1.c.i* of the Phosphorus Source Identification Report. The total estimated phosphorus removed from the installed BMP(s) is 0 lbs/year.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

The Phosphorus Source Identification Report (PSIR) is not complete. However, Summary tables of the Baboosic Lake LPCP Priority Ranking of Areas and Infrastructure and Baboosic Lake LPCLP Scope and Calculations for the MS4 Area are complete and can be found at the following links:

www.amherstnh.gov/sites/g/files/vyhlf4116/f/uploads/baboosic-lake-amherst-lpcp-structural-ranking.pdf

<https://www.amherstnh.gov/public-works/files/lpcp-ms4-area-phosphorus-calculations>

The Town has started preparing the PSIR and plans to complete it this fall and will post it on the Town's webpage.

During the reporting year Town contracted with a consultant to perform stormwater structure mapping which included identification and mapping of BMPs. The Town of Amherst voted in March 2025 to apply for and accept a Clean Water Grant for development of an Asset Management program. The Town will use the Asset Management Program to document all stormwater BMPs that may already be addressing high pollutant load areas and to identify areas in need of BMPs. The Town was preliminarily awarded the grant and submitted final paperwork for Governor and Counsel (G&C) approval during the reporting year. As of the time of this report, the Grant is still waiting for G&C approval.

As BMPs are mapped, each will be evaluated for its design performance for phosphorus removal so that it can be tracked annually.

Solids, Oil and Grease (Hydrocarbons), or Metals Impairment(s) (Appendix H)

- ☐ Permittee **does not** have a solids, oil and grease, or metals impairment(s).
- ☒ Permittee **has** a solids, oil and grease, or metals impairment(s).
 - ☒ Increased street sweeping frequency of all municipal owned curbed streets and parking lots to a schedule that targets areas with potential for high pollutant loads **during this reporting period**. Amherst street sweeping schedule can be found below.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

The Town of Amherst sweeps all curbed streets in the spring. Two stream segments are identified as impaired for aluminum. One does not have any outfalls discharging to it. The second traverses multiple towns and receives substantial input from NHDOT roads.

Chloride TMDL (Appendix F)

☒ Permittee **does not** have a chloride TMDL.

☐ Permittee **has** a chloride TMDL.

☐ Fully implemented Chloride Reduction Plan which can be found N/A

Amherst is utilizing **some** of the Voluntary Municipal Green SnowPro Certification Program resources and trainings as outlined in Amherst's Salt Reduction Plan to reduce their winter salt application and to prevent increased concentrations of chlorides in their community's surface and ground waters.

☐ Reported amount of salt applied to all municipally-owned and maintained surfaces by completing the NHDES Annual Salt Usage reporting form, submitting it to NHDES, and can be found N/A. The UNH Technology Transfer Center online tool is non-functional and has been for several years.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

The Town of Amherst **does not** have a chloride TMDL or impairment.
However, the Town elected to implement salt reduction practices by calibrating spreaders, using magnesium chloride to prewet, and having staff trained in Green Snow Pro salt reduction practices. Town staff also attend the NHDES Salt Symposium.

Lake and Pond Phosphorus TMDL (Appendix F)

- ☐ Permittee **does not** have a lake and pond phosphorus TMDL.
- ☒ Permittee **has** a lake and pond phosphorus TMDL.

Lake Phosphorus Control Plan Reporting Requirements

- ☐ The LPCP was submitted in a previous annual report.
- ☐ The LPCP can be found (N/A)

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Amherst has **not fully completed the Year 5 requirements** of the written Lake Phosphorus Control Plan **during this reporting period**. Due to significant staffing issues and budgetary constraints, the Town of Amherst is behind on the development of the LPCP. However, during the reporting year, the Town applied for and was awarded a Clean Water State Revolving Fund Loan (CWSRF) to prepare the LPCP and update the existing Baboosic Lake Watershed Plan. In March 2025, the Town residents voted to apply for and accept the CWSRF loan. The CWSRF loan was endorsed by the Board of Selectmen and the Baboosic Lake Association. The Application and Scope of Work were submitted in June and approved by NHDES where it was sent to the State House for Governor & Counsel (G&C) approval. As of the preparation of this report, the Town of Amherst is still waiting for G&C approval. Once approved, the Town of Amherst anticipates completing the LPCP and Watershed Management Plan update by December 2026.

Baseline phosphorus export rate required from LPCP Area (lbs/year)[A]: 48.1

Total phosphorus reduction from all implemented nonstructural controls **during this reporting period** (lbs/year) [B]: 3.29

Total phosphorus reduction from all structural controls installed **during this reporting period and all previous years** (lbs/year) [C]: 0

Phosphorus load increase due to development incurred since baseline loading was calculated in lbs/year [D]: 0

Amherst is utilizing a scaled back approach to Pbase recalculations with assistance from the UNH Stormwater Center. Due to limited funding and available mapping resources, AMherst plans to update the Pbase calculations every 5 years or whenever meaningful and substantial updates are made to the critical impervious surface and land use/cover GIS layers that are used in Pbase characterization. Due to this new approach, **phosphorus**

load increases due to development incurred since baseline loading were not calculated **during this reporting period**. The New Hampshire Stormwater Coalition and the UNH Stormwater Center are in the process of calculating the **phosphorus load increases due to development incurred since baseline loading** and will be available in the future.

Current phosphorus export rate from the LPCP Area in lbs/year [=A-(B+C)+D from above]: 44.81

Non-Structural Controls

- ☒ Amherst has **not** implemented all selected Lake Phosphorus Control Plan **non-structural control measure(s) during this reporting period** and has **not** documented the measure(s) and their phosphorus reductions. The non-structural control measure(s) that have been implemented will be recorded within the Amherst's written Lake Phosphorus Control Plan which will be prepared during the next reporting period.
- ☐ Amherst has implemented all selected Lake Phosphorus Control Plan **non-structural control measure(s) during this reporting period** and documented the measure(s) and their phosphorus reductions. The **non-structural control measure(s)** are noted within the Amherst written Lake Phosphorus Control Plan which can be found N/A.

Amherst is utilizing the Pollutant Tracking and Account Project, better known as PTAP, to track nutrient reductions associated with non-structural best management practices. PTAP was developed by the University of New Hampshire Stormwater Center and New Hampshire Department of Environmental Services utilizing the EPA Region 1 approved performance curves, to provide New Hampshire communities with a way to track their nutrient reductions. PTAP allows Amherst the benefit of utilizing a uniform, defensible and consistent method for tracking reductions so that a common, weight-of-evidence based approach can be shared with other entities including EPA, NHDES, and other MS4 communities and interest groups. The consistent and systematic tracking and accounting framework also allows for routine updates when improved science becomes available.

Structural Controls

- ☒ Amherst has **not** installed any **structural control measure(s)** within the Lake Phosphorus Control Plan area **during this reporting period or during previous reporting periods**. Therefore Amherst has not documented the location, phosphorus reduction in mass/year, and date of last completed maintenance and inspection for each installed control within the written Lake Phosphorus Control Plan.
- ☐ Amherst has installed **structural control measure(s)** within the Lake Phosphorus Control Plan area **during this reporting period or during previous reporting periods**. Amherst has documented the location, phosphorus reduction in weight/year, and date of last completed maintenance and inspection for each installed structural control measure(s). The documented information for each of the installed structural control measure(s) are noted within the written Lake Phosphorus Control Plan which can be found N/A

Amherst is utilizing the Pollutant Tracking and Account Project, better known as PTAP, to track nutrient reductions associated with structural best management practices. PTAP was developed by the University of New Hampshire Stormwater Center and New Hampshire Department of Environmental Services utilizing the EPA Region 1 approved performance curves, to provide New Hampshire communities with a way to track their nutrient reductions. PTAP allows Amherst the benefit of utilizing a uniform, defensible and consistent method for tracking reductions so that a common, weight of evidence-based approach can be shared with other entities including EPA, NHDES, and other MS4 communities and interest groups. The consistent and systematic tracking and accounting framework also allows for routine updates when improved science becomes available.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Due to significant staffing issues and budgetary constraints, the Town of Amherst is behind on the development of the LPCP. However, during the reporting year, the Town applied for and was awarded a Clean Water State Revolving Fund Loan (CWSRF) to prepare the LPCP and update the existing Baboosic Lake Watershed Plan. In March 2025, the Town residents voted to apply for and accept the CWSRF loan. The CWSRF loan was endorsed by the Board of Selectmen and the Baboosic Lake Association. The Application and Scope of Work were submitted in June and approved by NHDES where it was sent to the State House for Governor & Counsel (G&C) approval. As of the preparation of this report, the Town of Amherst is still waiting for G&C approval. Once approved, the Town of Amherst anticipates completing the LPCP and Watershed Management Plan update by December 2026.

The Town did implement non-structural controls by cleaning all catchbasins and sweeping all curbed streets within the watershed. The Town also maintains the Baboosic Lake Community Septic System that services 43 homes immediately abutting or near Baboosic Lake. During the reporting period, all

septic tanks were pumped, individual septic tank pumps were serviced to ensure proper operation, and the septic treatment system at the leachfield was serviced. Historical data collected from treated effluent indicates substantial reduction in phosphorus and nitrogen. During the reporting period, the Town has been working with NHDES Subsurface Systems Bureau to connect more lake front owners to connect to the system.

Additional Required Information

Monitoring or Study Results

Results from all stormwater or receiving water quality monitoring or studies conducted **during the reporting period** and **not otherwise mentioned above**, where the data is being used to inform permit compliance or permit effectiveness is:

- ☒ Not applicable.
- ☐ The results from additional reports or studies are N/A

The Souhegan Watershed Association conducts surface water monitoring and reports the results on their webpage (discussed earlier). The Baboosic Lake Association also collects data through the UNH Lay lakes program. The Town was unable to access their data prior to the preparation of this report due to issues with their webpage links.

Description of Any Changes in Identified BMPs or Measurable Goals

Amherst has implemented activities in accordance with the permit and outlined in the SWMP. All BMPs and measurable goals outlined in the SWMP are appropriate.

Activities Planned for Next Reporting Period

Amherst will continue to implement activities in accordance with the permit and SWMP. The Town understands that not all work has been completed as per the permit. With additional funding by way of a Clean Watye Grant and Clean Water State Revolving Fund Loan, the Town anticipates completing most and at least partially complete all MS4 permit requirements during the next reporting year.

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
- 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 Amherst's public works yard and transfer station
- 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