

Stormwater Management Program (SWMP)

NEWTON

2 Town Hall Road NH 03858

EPA NPDES Permit Number NHR041023

Certification

Authorized Representative (Optional): All reports, including SWPPPs, inspection reports, annual reports, monitoring reports, reports on training and other information required by this permit must be signed by a person described in Appendix B, Subsection 11.A or by a duly authorized representative of that person in accordance with Appendix B, Subsection 11.B. If there is an authorized representative to sign MS4 reports, there must be a signed and dated written authorization.

The authorization letter is:

- ☐ Attached to this document (document name listed below)

- ☐ Publicly available at the website below

“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

Signature _____

Date

[Click Here for Revisions](#)

Background

Stormwater Regulation

The Stormwater Phase II Final Rule was promulgated in 1999 and was the next step after the 1987 Phase I Rule in EPA's effort to preserve, protect, and improve the Nation's water resources from polluted stormwater runoff. The Phase II program expands the Phase I program by requiring additional operators of MS4s in urbanized areas and operators of small construction sites, through the use of NPDES permits, to implement programs and practices to control polluted stormwater runoff. Phase II is intended to further reduce adverse impacts to water quality and aquatic habitat by instituting the use of controls on the unregulated sources of stormwater discharges that have the greatest likelihood of causing continued environmental degradation. Under the Phase II rule all MS4s with stormwater discharges from Census designated Urbanized Area are required to seek NPDES permit coverage for those stormwater discharges.

Permit Program Background

On May 1, 2003, EPA Region 1 issued its Final General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems (2003 small MS4 permit) consistent with the Phase II rule. The 2003 small MS4 permit covered "traditional" (i.e., cities and towns) and "non-traditional" (i.e., Federal and state agencies) MS4 Operators located in the states of Massachusetts and New Hampshire. This permit expired on May 1, 2008 but remained in effect until operators were authorized under the 2016 MS4 general permit, which became effective on July 1, 2018.

Stormwater Management Program (SWMP)

The SWMP describes and details the activities and measures that will be implemented to meet the terms and conditions of the permit. The SWMP accurately describes the permittees plans and activities. The document should be updated and/or modified during the permit term as the permittee's activities are modified, changed or updated to meet permit conditions during the permit term. The main elements of the stormwater management program are (1) a public education program in order to affect public behavior causing stormwater pollution, (2) an opportunity for the public to participate and provide comments on the stormwater program (3) a program to effectively find and eliminate illicit discharges within the MS4 (4) a program to effectively control construction site stormwater discharges to the MS4 (5) a program to ensure that stormwater from development projects entering the MS4 is adequately controlled by the construction of stormwater controls, and (6) a good housekeeping program to ensure that stormwater pollution sources on municipal properties and from municipal operations are minimized.

Town Specific MS4 Background (optional)

Small MS4 Authorization

The NOI was submitted on

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

Authorization to Discharge was granted on

The Authorization Letter can be found (document name or web address):

Stormwater Management Program Team

SWMP Team Coordinator

Name	<input type="text" value="Nancy Wrigley"/>	Title	<input type="text" value="Town Administrator"/>
Department	<input type="text" value="Administration"/>		
Phone Number	<input type="text" value="603-382-4405"/>	Email	<input type="text" value="nwigley@newtonnh.net"/>
Responsibilities	<input type="text" value="Overall Coordinator, Education and Outreach, Public Involvement and Participation, Construction Site Runoff Control, Post Construction Storm-water Management"/>		

SWMP Team

Name	<input type="text" value="Michael Pivero"/>	Title	<input type="text" value="Road Agent"/>
Department	<input type="text" value="Highway Department"/>		
Phone Number	<input type="text" value="603-382-7741"/>	Email	<input type="text" value="easternseaboard@myfairpoint.net"/>
Responsibilities	<input type="text" value="IDDE Program, Good Housekeeping and Pollution Prevention for Permittee Owned Operations"/>		

Name	<input type="text"/>	Title	<input type="text"/>
Department	<input type="text"/>		
Phone Number	<input type="text"/>	Email	<input type="text"/>
Responsibilities	<input type="text"/>		

Receiving Waters

The following table lists all receiving waters, impairments and number of outfalls discharging to each waterbody segment.

OR

The information can be found in the following document or at the following web address:

Waterbody segment that receives flow from the MS4	Number of outfalls into receiving water segment	Chloride	Chlorophyll-a	Dissolved Oxygen/DO Saturation	Nitrogen	Oil & Grease/PAH	Phosphorus	Solids/ TSS/ Turbidity	E. coli	Enterococcus	Other pollutant(s) causing impairments
Unnamed Tributary to Country Pond (Newton Junction) (NHRIV700061403-13)	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Unnamed Tributary to Country Pond (Pond Road) (NHRIV700061403-32)	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Unnamed tributary to Tuxbury Pond (NHRIV700061403-34)	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Unnamed Tributary to Little River (NHRIV700061401-01?)	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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UNNAMED BROOK (NHRIV700061403-32)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
COUNTRY POND (NHLAK700061403-03)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MERCURY, PH, CYANOBACTERIA
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

[Click here to lengthen table](#)

Eligibility: Endangered Species and Historic Properties

*Reminder: The proper consultations and updates to the SWMP must be conducted for construction projects related to your permit compliance where Construction General Permit (CGP) coverage, which requires its own endangered species and history preservation determination, is NOT being obtained.

Attachments:

- ☒ The results of Appendix C U.S. Fish and Wildlife Service endangered species screening determination
- ☐ The results of the Appendix D historic property screening investigations
- ☒ If applicable, any documents from the State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer (THPO), or other Tribal representative to mitigate effects

These attachments are required within one year of the permit effective date and are:

- ☒ Attached to this document (document names listed below)

RPR from NHDHR, USFW Screening Data

- ☐ Publicly available at the website listed below

Under what criterion did permittee determine eligibility for ESA?

- ☐ Criterion A ☐ Criterion B ☒ Criterion C

Under what criterion did permittee determine eligibility for Historic Properties?

- ☒ Criterion A ☐ Criterion B ☐ Criterion C ☐ Criterion D

Below add any additional measures for structural controls that you're required to do through consultation with U.S. Fish and Wildlife Service (if applicable):

Below add any additional measures taken to avoid or minimize adverse impacts on places listed, or eligible for listing, on the NRHP, including any conditions imposed by the SHPO or THPO (if applicable):

MCM 1

Public Education and Outreach

Permit Part 2.3.2

Objective: The permittee shall implement an education program that includes educational goals based on stormwater issues of significance within the MS4 area. The ultimate objective of a public education program is to increase knowledge and change behavior of the public so that the pollutants in stormwater are reduced.

Examples and Templates:

[EPA's Stormwater Education Toolbox](#)

[MassDEP's Stormwater Outreach Materials](#)

Other templates relevant to MCM 1 can be found here: <https://www.epa.gov/npdes-permits/stormwater-tools-new-england#peo>

BMP: Pet Waste

BMP Number (Optional) _____

Document Name and/or Web Address:

Description:

Information on pet waste provided with dog license registration; information available at Town Hall and online; coordinate with local veterinarians to have information available.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Increased awareness of pet waste impacts to water quality

Message Date(s):

BMP: Low Impact Development Information

BMP Number (Optional) _____

Document Name and/or Web Address:

Description:

Each permit application contains information related to Low Impact Development (LID); information available at Town Hall and online.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Increased awareness of Low Impact Development (LID) principles and technologies

Message Date(s):

BMP: Storage/use of salt or deicing materials

BMP Number (Optional) _____

Document Name and/or Web Address:

Description:

Storage/use of salt or deicing materials - Each tax bill to industrial facilities contains information on storage/use of salt or deicing materials; information available at Town Hall and online.

Targeted Audience: Industrial facilities

Responsible Department/Parties: Town Administrator/Tax Collector

Measurable Goal(s):

- 1) Increased awareness of effects salt/de-icing materials have on surrounding environment and water quality
- 2) Increase awareness to minimize use of harmful de-icing materials
- 3) Increased education of proper salt/de-icing material storage to prevent runoff or contamination of ground water

Message Date(s): Develop materials and begin distribution in 2020. Distribute every 5 years.

BMP: Landscaping techniques to protect water quality

BMP Number (Optional) _____

Document Name and/or Web Address: _____

Description:

Fall/Spring press release in local newspaper with techniques, notification of upcoming trainings (UNH CE/ Soak Up the Rain/etc.); information available in site plan review application, information available at the Town Hall and online.

Targeted Audience: Developers (construction)

Responsible Department/Parties: Town Administrator

Measurable Goal(s):

Increased awareness of landscaping techniques among landscapers and promoting more water quality friendly landscaping practices

Message Date(s): Develop materials and begin distribution in 2020.

BMP: Proper sediment and erosion control management practices

BMP Number (Optional) _____

Document Name and/or Web Address: _____

Description:

Information in available in site plan review application; available at the Town Hall and online.

Targeted Audience:	Developers (construction)
Responsible Department/Parties:	Planning Board
Measurable Goal(s):	Increased awareness of proper sediment and erosion control management practices.
Message Date(s):	Develop materials and begin distribution with development applications in 2019.

BMP: Proper management of dumpsters

BMP Number (Optional)	_____
Document Name and/or Web Address:	
Description:	Each tax bill to industrial facilities contains information on proper management of dumpsters; information available at the Town Hall and online.
Targeted Audience:	Industrial facilities
Responsible Department/Parties:	Town Administrator/Tax Collector
Measurable Goal(s):	Increased awareness of proper management of waste materials and dumpsters, including proper covering and pollution prevention
Message Date(s):	Develop materials and begin distribution in 2020.

BMP: Employee Training

BMP Number (Optional)	_____
Document Name and/or Web Address:	
Description:	Participate in trainings, as provided by NH DES, Stormwater Coalition, or other agency/group.
Targeted Audience:	Employees
Responsible Department/Parties:	Town Administrator
Measurable Goal(s):	Increased awareness and education on permit

Message Date(s): Develop materials and begin distribution in 2019.

BMP: Town Stormwater Web Site

BMP Number (Optional) _____

Document Name and/or Web Address: <https://www.newton-nh.gov/planning-board>

Description:

Will include electronic copies of promotional materials. Will also include outreach materials from the NH Stormwater Coalition and a list of resources, the NOI and SWMP.

Targeted Audience: Residents and businesses

Responsible Department/Parties: Town Administrator

Measurable Goal(s):

Website established and maintained

Message Date(s):

BMP: Septic Systems

BMP Number (Optional) _____

Document Name and/or Web Address:

Description:

Each tax bill contains information on septic systems including maintenance, cost savings, and water quality issues; information available at Town Office and online. Utilize materials from EPA "Septic Smart" program.

Targeted Audience: Residents

Responsible Department/Parties: Town Administrator/Tax Collector

Measurable Goal(s):

Residents increase knowledge of septic system maintenance and water quality impacts.

Message Date(s): Develop materials and begin distribution in 2020.

Add BMP

MCM 2

Public Involvement and Participation

Permit Part 2.3.3

Objective: The permittee shall provide opportunities to engage the public to participate in the review and implementation of the permittee's SWMP.

BMP: Public Review of Stormwater Management Program

BMP Number (Optional) _____

Location of Plan and/or Web Address:

Responsible Department/Parties:

Measurable Goal(s):

BMP: Public Participation in Stormwater Management Program Development

BMP Number (Optional) _____

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP: Cleanups - Shoreline/Waterbody

BMP Number (Optional) _____

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP: Household hazardous waste/used oil collection

BMP Number (Optional) _____

Document Name and/or Web Address:

Description:

Used oil collection center at the transfer station

Responsible Department/Parties:

Measurable Goal(s):

To encourage and educate the residents to bring their used oil to the transfer station.

Add BMP

MCM 3

Illicit Discharge Detection and Elimination (IDDE) Program

Permit Part 2.3.4

Objective: The permittee shall implement an IDDE program to systematically find and eliminate illicit sources of non-stormwater discharges to its municipal separate storm sewer system and implement procedures to prevent such discharges.

Examples and Templates:

[IDDE Program Template and SOPs](#)

Other templates relevant to IDDE can be found here: <https://www.epa.gov/npdes-permits/stormwater-tools-new-england#idde>

BMP: IDDE Legal Authority

BMP Number (Optional) _____

Completed (by May 1, 2008) ☐

Ordinances Link or Reference: Legal Authority adopted in 2019

Department Responsible for Enforcement: Town Administrator

BMP: Sanitary Sewer Overflow (SSO) Inventory

BMP Number (Optional) _____

Completed (by year 1) ☒

Document Name and/or Web Address: _____

Description:

No sewage collection systems exist in Newton. SSO inventory not applicable.

Responsible Department/Parties: _____

Measurable Goal(s):

Annually track and report the following SSO information: the location; a clear statement of whether the discharge entered a surface water directly or entered the MS4; date(s) and time(s) of each known SSO occurrence; estimated volume(s) of the occurrence; description of the occurrence indicating known or suspected cause(s); mitigation and corrective measures completed with dates implemented; and mitigation and corrective measures planned with implementation schedules. Update inventory as needed.

SSO Reporting:

In the event of an overflow or bypass, a notification must be reported within 24 hours by phone to EPA. Follow up the verbal notification with a written notification to EPA and Nhdes within five days of becoming aware of the SSO occurrence..

The NHDES contacts are:

(603) 271-3503

Mailing:

PO Box 95

Concord, NH 03302-0095

The EPA contacts are:

EPA New England (617) 918-1510

5 Post Office Square

Boston, MA 02109

BMP: Map of Storm Sewer System

BMP Number (Optional) _____

Phase I Completed
(by year 2) ☐

Phase II Completed
(by year 10) ☐

Document Location and/or Web Address: Attached to this SWMP

Description:

Hard copy system map created (need to add roadside swales, missing pipes and watersheds)

Responsible Department/Parties: Highway Department

Measurable Goal(s):

Map 100% of outfalls and receiving waters, open channel conveyances, interconnections with other MS4s and other storm sewer systems, municipally-owned stormwater treatment structures, waterbodies identified by name and indication of all use impairments, and initial catchment delineations within 2 years of the permit's effective date. Map 100% of outfall spatial locations, pipes, manholes, catch basins, refined catchment delineations, municipal sanitary sewer system (if available), and municipal combined sewer system (if applicable) within 10 years of the permit's effective date.

BMP: IDDE Program

BMP Number (Optional) _____

Written Document Completed (by year 1) ☐

Document Name and/or Web Address: _____

Description:

Written IDDE program completed in 2019

Responsible Department/Parties: Highway Department

Measurable Goal(s):

Conduct 100% of outfall screening on High and Low Priority Outfalls within 3 years of the permit's effective date. Complete catchment investigations for 100% of the Problem Outfalls within 7 years of the permit's effective date. Complete 100% of all catchment investigations within 10 years of the permit's effective date.

The outfall/interconnection inventory and initial ranking and the dry weather outfall and interconnection screening and sampling results can be found:

BMP: Employee Training

BMP Number (Optional) _____

Description:

Train employees on IDDE implementation

Responsible Department/Parties: Highway Department

Measurable Goal(s):

Training occurs on (DATE(S)) annually.

BMP:[BMP name here]

BMP Number (Optional) _____

Completed ☐

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

Add BMP

MCM 4

Construction Site Stormwater Runoff Control

Permit Part 2.3.5

Objective: The objective of an effective construction stormwater runoff control program is to minimize or eliminate erosion and maintain sediment on site so that it is not transported in stormwater and allowed to discharge to a water of the U.S. through the permittee's MS4.

Examples and Templates:

Examples and templates relevant to MCM 4, including model ordinances and site inspection templates, can be found here: <https://www.epa.gov/npdes-permits/stormwater-tools-new-england#csrc>

BMP: Sediment and Erosion Control Ordinance

BMP Number (Optional) _____

Completed (by May 1, 2008) ☐

Ordinances Link or Reference: Update completed in 2019

Department Responsible for Enforcement: Planning Board

BMP: Site Plan Review Procedures

BMP Number (Optional) _____

Written procedures completed (by year 1) ☐

Document Name and/or Web Address: Update completed in 2019

Description:

Update written procedures of site plan review and begin implementation

Responsible Department/Parties: Planning Board

Measurable Goal(s):

Conduct site plan review of 100% of projects according to the procedures outlined above.

BMP: Site Inspections and Enforcement of Sediment and Erosion Control Measures Procedures

BMP Number (Optional) _____

Completed (by year 1) ☐

Document Name and/or Web Address: Update completed in 2019

Description:

Update requirements for construction operators to implement a sediment and erosion control program

Responsible Department/Parties:

Measurable Goal(s):

Inspect 100% of construction sites as outlined in the above document and take enforcement actions as needed.

BMP:

BMP Number (Optional) _____

Completed ☐

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

Add BMP

MCM 5

Post Construction Stormwater Management in New Development and Redevelopment

Permit Part 2.3.6

Objective: The objective of an effective post construction stormwater management program is to reduce the discharge of pollutants found in stormwater to the MS4 through the retention or treatment of stormwater after construction on new or redeveloped sites and to ensure proper maintenance of installed stormwater controls.

Examples and Templates:

Examples and templates relevant to MCM 5, including model ordinances and bylaw review templates and guidance can be found here: <https://www.epa.gov/npdes-permits/stormwater-tools-new-england#pcsm>

BMP: Post-Construction Ordinance

BMP Number (Optional) _____

Completed (by year 2) ☐

Town Ordinances Link or Reference: Update completed in 2019

Department Responsible for Enforcement: Planning Board

BMP: Street Design and Parking Lot Guidelines Report

BMP Number (Optional) _____

Completed (by year 4) ☐

Document Name and/or Web Address:

Description:

Develop a report assessing requirements that affect the creation of impervious cover. The assessment will help determine if changes to design standards for streets and parking lots can be modified to support low impact design options.

Responsible Department/Parties: Planning Board and Highway Department

Measurable Goal(s):

Recommendations are implemented by year 4 with progress reported annually.

BMP: Green Infrastructure Report

BMP Number (Optional) _____

Completed (by year 4) ☐

Document Name and/or Web Address:

Description:

Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist

Responsible Department/Parties: Planning Board

Measurable Goal(s):

Recommendations are implemented by year 4 with progress reported annually.

BMP: List of Municipal Retrofit Opportunities

BMP Number (Optional) _____

Completed (by year 4) ☐

Document Name and/or Web Address:

Description:

Complete an inventory and priority ranking of permittee-owned property and existing infrastructure that could be retrofitted with BMPs designed to reduce the frequency, volume and pollutant loads of stormwater discharges to its MS4 through the mitigation of impervious area

Responsible Department/Parties:

Measurable Goal(s):

The list is completed by year 4 and updated as needed.

BMP:[BMP name here]

BMP Number (Optional) _____

Completed ☐

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

MCM 6

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

Permit Part 2.3.7

Objective: The permittee shall implement an operations and maintenance program for permittee-owned operations that has a goal of preventing or reducing pollutant runoff and protecting water quality from all permittee-owned operations.

Examples and Templates:

Examples and templates relevant to MCM 6, including SOP templates for catch basin cleaning, street sweeping, vehicle maintenance, parks and open space management, winter deicing, and Stormwater Pollution Prevention Plans can be found here: <https://www.epa.gov/npdes-permits/stormwater-tools-new-england#gh>

PERMITTEE OWNED FACILITIES

BMP: Parks and Open Spaces Operations and Maintenance Procedures

BMP Number (Optional) _____

Written Document Completed (by year 2) ☐

Document Name and/or Web Address:

Description:

Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment

Responsible Department/Parties: Town Administrator

Measurable Goal(s):

Implement the SOP listed above on 100% of the parks and open spaces.

Properties List (Optional):

BMP: Buildings and Facilities Operations and Maintenance Procedures

BMP Number (Optional) _____

Written Document Completed (by year 2) ☐

Document Name and/or Web Address: Highway Department

Description:

Create written O&M procedures including all requirements contained in 2.3.7.1 for parks and open spaces, buildings and facilities, and vehicles and equipment

Responsible Department/Parties:

Measurable Goal(s):

Implement the SOP listed above on 100% of buildings and facilities.

Properties List (Optional):

BMP: Vehicles and Equipment Operations and Maintenance Procedures

BMP Number (Optional) _____

Written Document Completed (by year 2) ☐

Document Name and/or Web Address:

Description:

Create written O&M procedures for municipal buildings and facilities, and vehicles and equipment

Responsible Department/Parties: Highway Department

Measurable Goal(s):

Implement the SOP listed above for 100% of vehicles and equipment according to the above document.

Properties List (Optional):

INFRASTRUCTURE

BMP: Infrastructure Operations and Maintenance Procedures

BMP Number (Optional) _____

Written Procedure Completed (by year 2) ☐

Document Name and/or Web Address:

Description:

Establish and implement program for repair and rehabilitation of MS4 infrastructure

Responsible Department/Parties: Highway Department

Measurable Goal(s):

100% of infrastructure is maintained to ensure proper function in accordance with the procedures above.

BMP: Catch Basin Cleaning Program

BMP Number (Optional) _____

Written Procedure Completed (by year 1) ☐

Document Name and/or Web Address: <https://www.newton-nh.gov/planning-board> (in SWMP)

Description:

Establish schedule for catch basin cleaning such that each catch basin is no more than 50% full and clean catch basins on that schedule

Responsible Department/Parties: Highway Department

Measurable Goal(s):

All catch basins are cleaned in accordance to the document above such that no catch basin is more than 50% full at any given time.

BMP: Street Sweeping Program**BMP Number (Optional)** _____**Written Procedure Completed (by year 1)** ☐**Document Name and/or Web Address:** <https://www.newton-nh.gov/planning-board> (in SWMP)**Description:**

Sweep all curbed streets and permittee-owned parking lots in accordance with permit conditions

Responsible Department/Parties: Highway Department**Measurable Goal(s):**

Annually sweep 100% of all streets and 50% of all municipal parking lots in accordance with the schedule listed above.

BMP: Winter Road Maintenance Program**BMP Number (Optional)** _____**Written Procedure Completed (by year 1)** ☐**Document Name and/or Web Address:** <https://www.newton-nh.gov/planning-board> (in SWMP)**Description:**

Establish and implement a program to minimize the use of road salt

Responsible Department/Parties: Highway Department**Measurable Goal(s):**

Evaluate at least one salt/chloride alternative for use in the municipality.

BMP: Stormwater Treatment Structures Inspection and Maintenance Procedures**BMP Number (Optional)** _____**Completed (by year 1)** ☐**Document Name and/or Web Address:** _____

Description:

Establish and implement inspection and maintenance procedures and frequencies

Responsible Department/Parties: Highway Department

Measurable Goal(s):

Inspect and maintain 100% of treatment structures to ensure proper function.

BMP: SWPPP

BMP Number (Optional) _____

Completed (by year 2) ☐

Document Name and/or Web Address:

Description:

Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities

Responsible Department/Parties: Highway Department

Measurable Goal(s):

Develop and implement SWPPPs for 100% of facilities.

BMP: Employee Training

BMP Number (Optional) _____

Completed ☐

Document Name and/or Web Address:

Description:

Annually train Town staff regarding stormwater topics

Responsible Department/Parties: Highway Department

Measurable Goal(s):

Conduct annual training

Add BMP

Annual Evaluation

Year 1 Annual Report

Document Name and/or Web Address:

Year 2 Annual Report

Document Name and/or Web Address:

Year 3 Annual Report

Document Name and/or Web Address:

Year 4 Annual Report

Document Name and/or Web Address:

Year 5 Annual Report

Document Name and/or Web Address:

Year X Annual Report

Document Name and/or Web Address:

Add a Year

TMDLs and Water Quality Limited Waters

Select the applicable Impairment(s) and/or TMDL(s).

Impairment(s)

- ☒ Bacteria/Pathogens ☐ Chloride ☐ Nitrogen ☐ Phosphorus
☐ Solids/oil/grease (hydrocarbons)/metals

TMDL(s) (Appendix F)

- ☐ Bacteria/ Pathogens ☐ Chloride ☐ Lake and Pond Phosphorus

Clear Impairments and TMDLs

Alternative TMDL Plans (if applicable)

- ☐ Alternative Bacteria/Pathogens Reduction Plan

can be found (document name or web address):

- ☐ Alternative Chloride Reduction Plan

can be found (document name or web address):

- ☐ Alternative Lake and Pond Phosphorus Reduction Plan

can be found (document name or web address):

Bacteria/Pathogens

Combination of Impaired Waters Requirements and TMDL Requirements as Applicable

Applicable Receiving Waterbody(ies)	TMDL Name (if applicable)	Add/Delete Row
		<input type="button" value="+"/> <input type="button" value="-"/>

Annual Requirements Beginning Year 1

Rank outfalls to these receiving waters as high priority for IDDE implementation in the initial outfall ranking

The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:

Public Education and Outreach

(Public education messages can be combined with other public education requirements as applicable (see Appendix H and F for more information))

Annual message encouraging the proper management of pet waste, including noting any existing ordinances where appropriate

The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:

Permittee or its agents disseminate educational material to dog owners at the time of issuance or renewal of dog license, or other appropriate time

The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:

Provide information to owners of septic systems about proper maintenance in any catchment that discharges to a water body impaired for bacteria

The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:

--



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 1
5 POST OFFICE SQUARE, SUITE 100
BOSTON, MA 02109-3912

VIA EMAIL

June 12, 2019

Nancy Wrigley
Town Administrator
2 Town Hall Road
Newton, NH 03858
nwigley@newtonnh.net

Re: National Pollutant Discharge Elimination System (NPDES) Permit ID: NHR041023, Town of Newton, NH

Dear Nancy Wrigley:

Your Notice of Intent (NOI) for coverage under the 2017 NPDES General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems in New Hampshire (MS4 General Permit) has been reviewed by EPA and appears to be complete. You are hereby granted authorization by EPA to discharge stormwater from your MS4 in accordance with applicable terms and conditions of the MS4 General Permit, including all applicable Appendices. This authorization to discharge expires at midnight on **June 30, 2023**.

For those permittees that certified Endangered Species Act eligibility under Criterion C in their NOI, this authorization letter also serves as EPA's concurrence with your determination that your discharges will have no effect on the listed species present in your action area, based on the information provided in your NOI.

As a reminder, your first annual report is due by **September 30, 2019** for the reporting period from May 1, 2018 through June 30, 2019.

Information about the permit and available resources can be found on our website: <https://www.epa.gov/npdes-permits/new-hampshire-small-ms4-general-permit>. Should you have

any questions regarding this permit please contact Suzanne Warner at warner.suzanne@epa.gov or (617) 918-1383.

Sincerely,

A handwritten signature in blue ink that reads "Thelma Murphy". The signature is fluid and cursive, with a long, sweeping flourish extending from the end of the name.

Thelma Murphy, Chief
Water Permits Branch
Water Division
United States Environmental Protection Agency, Region 1



United States Department of the Interior

FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
Phone: (603) 223-2541 Fax: (603) 223-0104
<http://www.fws.gov/newengland>



In Reply Refer To:

September 26, 2018

Consultation Code: 05E1NE00-2018-SLI-3223

Event Code: 05E1NE00-2018-E-07541

Project Name: Newton Stormwater

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New England Ecological Services Field Office

70 Commercial Street, Suite 300

Concord, NH 03301-5094

(603) 223-2541

Project Summary

Consultation Code: 05E1NE00-2018-SLI-3223

Event Code: 05E1NE00-2018-E-07541

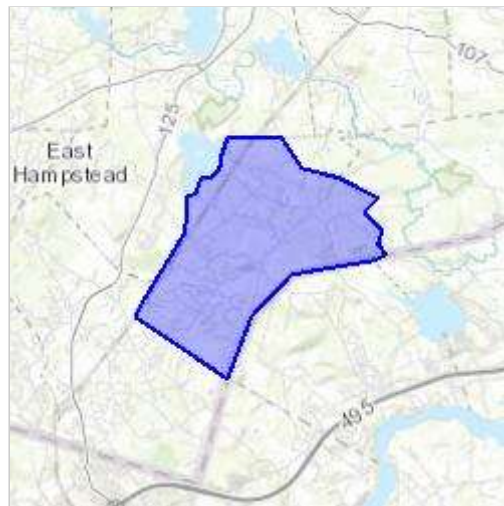
Project Name: Newton Stormwater

Project Type: ** OTHER **

Project Description: Stormwater MS4 Permitting Compliance

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/42.86356418250541N71.03786378259028W>



Counties: Essex, MA | Rockingham, NH

Endangered Species Act Species

There is a total of 1 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

Please mail the completed form and required material to:

New Hampshire Division of Historical Resources
State Historic Preservation Office
Attention: Review & Compliance
19 Pillsbury Street, Concord, NH 03301-3570

RECEIVED

MAY 17 2019

DHR Use Only	
R&C #	10749
Log In Date	5 / 17 / 19
Response Date	___ / ___ / ___
Sent Date	___ / ___ / ___

Request for Project Review by the New Hampshire Division of Historical Resources

- ☒ This is a new submittal
☐ This is additional information relating to DHR Review & Compliance (R&C) #:

GENERAL PROJECT INFORMATION

Project Title Town of Newton Stormwater Program

Project Location MS4 regulated areas (see attached map)

City/Town Newton Tax Map Lot #

NH State Plane - Feet Geographic Coordinates: Easting 1153613 Northing 135011 ✓
(See RPR Instructions and R&C FAQs for guidance.)

Lead Federal Agency and Contact (if applicable) EPA
(Agency providing funds, licenses, or permits)
Permit Type and Permit or Job Reference # MS4 Stormwater

State Agency and Contact (if applicable)

Permit Type and Permit or Job Reference #

APPLICANT INFORMATION

Applicant Name Town of Newton

Mailing Address 2 Town Hall Road Phone Number 603-382-4405

City Newton State NH Zip 03858 Email nwrightley@newtonnh.net

CONTACT PERSON TO RECEIVE RESPONSE

Name/Company Micheal Vignale, KVPartners, LLC

Mailing Address P.O. Box 432 Phone Number 6034136650

City New Boston State NH Zip 03070 Email mvignale@kvpllc.com

This form is updated periodically. Please download the current form at www.nh.gov/nhdhr/review. Please refer to the Request for Project Review Instructions for direction on completing this form. Submit one copy of this project review form for each project for which review is requested. Include a self-addressed stamped envelope to expedite review response. Project submissions will not be accepted via facsimile or e-mail. This form is required. Review request form must be complete for review to begin. Incomplete forms will be sent back to the applicant without comment. Please be aware that this form may only initiate consultation. For some projects, additional information will be needed to complete the Section 106 review. All items and supporting documentation submitted with a review request, including photographs and publications, will be retained by the DHR as part of its review records. Items to be kept confidential should be clearly identified. For questions regarding the DHR review process and the DHR's role in it, please visit our website at: www.nh.gov/nhdhr/review or contact the R&C Specialist at christina.st.louis@nh.gov or 603.271.3558.

PROJECTS CANNOT BE PROCESSED WITHOUT THIS INFORMATION

Project Boundaries and Description

- ☒ Attach the relevant portion of a 7.5' USGS Map (photocopied or computer-generated) **indicating the defined project boundary.** (See RPR Instructions and R&C FAQs for guidance.)
- ☒ Attach a detailed narrative description of the proposed project.
- ☒ Attach a site plan. The site plan should include the project boundaries and areas of proposed excavation.
- ☐ Attach photos of the project area (overview of project location and area adjacent to project location, and specific areas of proposed impacts and disturbances.) (Informative photo captions are requested.)
- ☐ A DHR file review must be conducted to identify properties within or adjacent to the project area. Provide file review results in **Table 1.** (Blank table forms are available on the DHR website.)
File review conducted on / / .

Architecture

Are there any buildings, structures (bridges, walls, culverts, etc.) objects, districts or landscapes within the project area? ☒ Yes ☐ No

If no, skip to Archaeology section. If yes, submit all of the following information:

Approximate age(s):

- ☐ Photographs of **each** resource or streetscape located within the project area, with captions, along with a mapped photo key. (Digital photographs are accepted. All photographs must be clear, crisp and focused.)
- ☐ If the project involves rehabilitation, demolition, additions, or alterations to existing buildings or structures, provide additional photographs showing detailed project work locations. (i.e. Detail photo of windows if window replacement is proposed.)

Archaeology

Does the proposed undertaking involve ground-disturbing activity? ☐ Yes ☒ No
If yes, submit all of the following information:

- ☐ Description of current and previous land use and disturbances.
- ☐ Available information concerning known or suspected archaeological resources within the project area (such as cellar holes, wells, foundations, dams, etc.)

Please note that for many projects an architectural and/or archaeological survey or other additional information may be needed to complete the Section 106 process.

DHR Comment/Finding Recommendation *This Space for Division of Historical Resources Use Only*

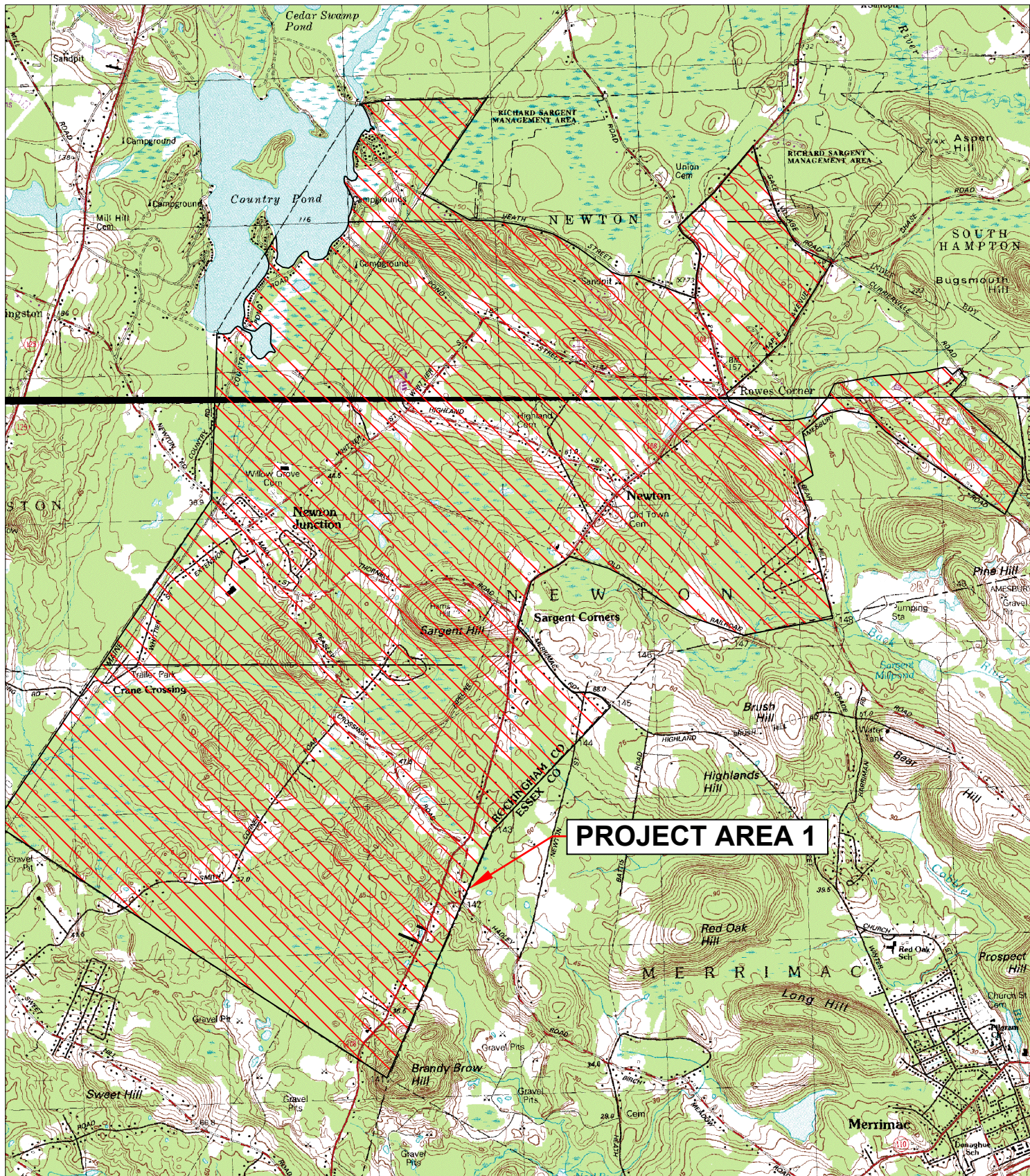
- ☐ Insufficient information to initiate review. ☒ Additional information is needed in order to complete review.
- ☐ No Potential to cause Effects ☐ No Historic Properties Affected ☐ No Adverse Effect ☐ Adverse Effect

Comments: SPECIFIC PROJECTS TO BE EVALUATED WHEN IDENTIFIED. PROJECTS HAVE POTENTIAL TO HAVE EFFECT ON HISTORIC PROPERTIES. DHR RECOGNIZES TOWN'S COMMITMENT TO COORDINATE WITH DHR TO AVOID, MINIMIZE OR MITIGATE ADVERSE EFFECTS.

If plans change or resources are discovered in the course of this project, you must contact the Division of Historical Resources as required by federal law and regulation.

Authorized Signature: *David Smiley*

Date: 5-23-19



MS4 STORMWATER PROGRAM AREA PROJECT LOCATION MAP (USGS)



SCALE 1" = 3,000'

