

Notice of Intent (NOI) for Coverage under Small MS4 General Permit

Part One: General Conditions

General Information

Name of Municipality or Organization: City of Manchester

State: New Hampshire

EPA NPDES Permit Number (if applicable): NHR041017

Primary MS4 Program Manager Contact Information

Name: Frederick J. McNeill, P.E.

Title: Chief Engineer – Environmental Protection Division (EPD)

Street Address Line 1: 300 Winston Street

City: Manchester

State: NH

Zip Code: 03103

Email: fmcneill@manchesternh.gov

Phone Number: (603) 624-6341

Fax Number: (603) 628-6234

Other Information

Eligibility Determination

Endangered Species Act (ESA) Determination Complete?: Yes

Eligibility Criteria (check all that apply):

A ☐ B ☐ C ☒

National Historic Preservation Act (NHPA) Determination Complete?: Yes

Eligibility Criteria (check all that apply):

A ☒ B ☐ C ☐ D ☐

☒ Check the box if your municipality or organization was covered under the 2003 MS4 General Permit

MS4 Infrastructure (if covered under the 2003 permit)

Estimated Percent of Outfall Map

Complete?

(Part II, III, IV or V, Subpart B.3.(a) of 2003 permit)

If 100% of 2003 requirements not met, enter an estimated date of completion

(MM/DD/YY):

Web address where MS4 map is published:

If outfall map is unavailable on the internet an electronic or paper copy if the outfall map must be included with NOI submission (see section V for submission options)

Regulatory Authorities (if covered under the 2003 permit)

Illicit Discharge Detection and Elimination (IDDE) Authority

Adopted?

(Part II, III, IV, or V, Subpart B.3.(b) of 2003 permit)

Effective Date or Estimated Date of Adoption

(MM/DD/YY):

Construction/Erosion and Sediment Control (ESC) Authority

Adopted?

(Part II, III, IV, or V, Subpart B.4.(a) of 2003 permit)

Effective Date or Estimated Date of Adoption

(MM/DD/YY):

Post-Construction Stormwater Management Adopted?

(Part II, III, IV, or V, Subpart B.5.(a) of 2003 permit)

Effective Date or Estimated Date of Adoption

(MM/DD/YY):

Part II: Summary of Receiving Waters

Please list the waterbodies to which your MS4 discharges. For each waterbody, please report the number of outfalls discharging into it and, if applicable, the segment ID and any impairments.

New Hampshire list of impaired waters:

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	Phosphorous	Solids/TSS/Turbidity	E. Coli	Enterococcus	Other pollutant(s) causing impairments
BAKER BROOK (NHRIV700060803-08)	29	X									Mercury
BLACK BROOK (NHRIV700060801-05-02)	10										Mercury, Benthic-Macroinvertebrate Bioassessments (Streams), pH
BLACK BROOK – HARDY BROOK (NHRIV700060801-05-01)	0			X							Lead, pH, Mercury
COHAS BROOK (NHRIV700060703-07)	1										Mercury
COHAS BROOK (NHRIV700060703-08)	27										Mercury, pH
COHAS BROOK (NHRIV700060703-09)	1								X		Mercury
COHAS BROOK - LONG POND BROOK (NHRIV700060703-05)	18								X		Mercury, Habitat Assessment (Streams), Benthic-Macroinvertebrate Bioassessments (Streams), pH
COUNTRYSIDE VILLAGE DET POND DAM (NHIMP700060802-07)	3										Mercury
CRYSTAL LAKE (NHLAK700060703-02-01)	2			X							Mercury

[illegible]

[illegible]

Part III: Stormwater Management Program Summary

Identify the Best Management Practices (BMPs) that will be employed to address each of the six Minimum Control Measures (MCMs).

For each MCM, list each existing or proposed BMP by category and provide a brief description, responsible parties/departments, measurable goals, and the year the BMP will be employed (public education and outreach BMPs also requires a target audience.) **Use the drop- down menus in each table or enter your own to text to override the drop down menu.**

MCM 1: Public Education and Outreach

BMP Media/Category	BMP Description	Targeted Audience	Responsible Department/Parties	Measurable Goal	Beginning Year of BMP Implementation
Varying promotional materials that may include brochures/ pamphlets, website, signage, press releases	Distribute information in spring on fertilizer and grass clippings using NH Stormwater Coalition outreach materials & framework	Residents	DPW – EPD NH Regional Stormwater Coalition See: https://www4.des.state.nh.us/nh-ms4/?page_id=54	# of promotional materials distributed # of hits to webpage	2019
Varying promotional materials that may include brochures/ pamphlets, website, signage, press releases	Distribute information in the summer on management of pet waste using NH Stormwater Coalition outreach materials & framework	Residents	DPW – EPD NH Regional Stormwater Coalition See: https://www4.des.state.nh.us/nh-ms4/?page_id=54	# of promotional materials distributed # of hits to webpage	2019

BMP Media/Category	BMP Description	Targeted Audience	Responsible Department/Parties	Measurable Goal	Beginning Year of BMP Implementation
Varying promotional materials that may include brochures/ pamphlets, website, signage, press releases	Distribute information in the fall on disposal of leaf litter using NH Stormwater Coalition outreach materials & framework	Residents	DPW – EPD NH Regional Stormwater Coalition See: https://www4.des.state.nh.us/nh-ms4/?page_id=54	# of promotional materials distributed # of hits to webpage	2019
Website	Incorporate information on lawn care, infiltration, automotive maintenance, and car washing on website	Residents	DPW – EPD NH Regional Stormwater Coalition See: https://www4.des.state.nh.us/nh-ms4/?page_id=54	# of hits to webpage	2019
Varying promotional materials that may include brochures/ pamphlets, website, signage, press releases	Distribute information in spring on fertilizer and grass clippings using NH Stormwater Coalition outreach materials & framework	Businesses, Institutions and Commercial Facilities	DPW – EPD NH Regional Stormwater Coalition See: https://www4.des.state.nh.us/nh-ms4/?page_id=54	# of promotional materials distributed # of hits to webpage	2019
Varying promotional materials that may include brochures/ pamphlets, website, signage, press releases	Distribute information in the summer on management of pet waste using NH Stormwater Coalition outreach materials & framework	Businesses, Institutions and Commercial Facilities	DPW – EPD NH Regional Stormwater Coalition See: https://www4.des.state.nh.us/nh-ms4/?page_id=54	# of promotional materials distributed # of hits to webpage	2019

BMP Media/Category	BMP Description	Targeted Audience	Responsible Department/Parties	Measurable Goal	Beginning Year of BMP Implementation
Varying promotional materials that may include brochures/pamphlets, website, signage, press releases	Distribute information in the fall on disposal of leaf litter using NH Stormwater Coalition outreach materials & framework	Businesses, Institutions and Commercial Facilities	DPW – EPD NH Regional Stormwater Coalition See: https://www4.des.state.nh.us/nh-ms4/?page_id=54	# of promotional materials distributed # of hits to webpage	2019
Website	Incorporate information on lawn maintenance, infiltration, building maintenance, salt use & storage, material & waste management & storage, and parking lot maintenance on website	Businesses, Institutions, and Commercial Facilities	DPW – EPD NH Regional Stormwater Coalition See: https://www4.des.state.nh.us/nh-ms4/?page_id=54	# of hits to webpage	2019
Brochures/pamphlets	Distribute information on sediment & erosion control management, LID and CGP in City Hall using NH Stormwater Coalition outreach materials	Developers (construction)	DPW – EPD NH Regional Stormwater Coalition See: https://www4.des.state.nh.us/nh-ms4/?page_id=54	# of promotional materials distributed	2019

BMP Media/Category	BMP Description	Targeted Audience	Responsible Department/Parties	Measurable Goal	Beginning Year of BMP Implementation
Website	Incorporate information on sediment & erosion control management, LID and CGP on website with application materials	Developers (construction)	DPW – EPD NH Regional Stormwater Coalition See: https://www4.des.state.nh.us/nh-ms4/?page_id=54	# of hits to webpage	2019
Brochures/Pamphlets	Distribute information on equipment inspection & maintenance, material storage, waste management, salt use & storage, infiltration, parking lot maintenance and MSGP at City Hall	Industrial Facilities	DPW – EPD NH Regional Stormwater Coalition See: https://www4.des.state.nh.us/nh-ms4/?page_id=54	# of promotional materials distributed	2019
Website	Incorporate information on equipment inspection & maintenance, material storage, waste management, salt use & storage, infiltration, parking lot maintenance and MSGP on website	Industrial Facilities	DPW – EPD NH Regional Stormwater Coalition See: https://www4.des.state.nh.us/nh-ms4/?page_id=54	# of hits to webpage	2019

Part III: Stormwater Management Program Summary (continued)

MCM 2: Public Involvement and Participation

BMP Categorization	Brief BMP Description	Responsible Department/Parties	Additional Description/ Measurable Goal	Beginning Year of BMP Implementation
Public Review	SWMP Review: SWMP will be posted on the town/city website for public review. The SWMP will be reviewed annually and updated/revised as necessary.	Department of Public Works/Environmental Protection Division	Allow annual review of stormwater management plan and posting of stormwater management plan on website	2019
Public Participation	The SWMP will be presented or communicated to the public with opportunity for comment. Meeting minutes will record public comments.	Department of Public Works/Environmental Protection Division	Allow public to comment on stormwater management plan annually	2019

Part III: Stormwater Management Program Summary (continued)

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

BMP Categorization	BMP Description	Responsible Department/Parties	Measurable Goal
Sanitary Sewer Overflow (SSO) inventory	Develop SSO inventory in accordance of permit conditions	Department of Public Works/Environmental Protection Division	Complete within 1 year of effective date of permit
Storm sewer system map	Create map and update during IDDE program completion	Department of Public Works/Environmental Protection Division	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit
Written IDDE program development	Create written IDDE program	Department of Public Works/Environmental Protection Division	Complete within 1 year of the effective date of permit and update as required
Implement IDDE program	Implement catchment investigations according to program and permit conditions	Department of Public Works/Environmental Protection Division	Complete 10 years after effective date of permit
Employee training	Train employees in IDDE implementation	Department of Public Works/Environmental Protection Division	Train annually
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	Department of Public Works/Environmental Protection Division	Complete 3 years after effective date of permit
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	Department of Public Works/Environmental Protection Division	Complete 10 years after effective date of permit
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	Department of Public Works/Environmental Protection Division	Complete ongoing outfall screening on completion of IDDE program

Part III: Stormwater Management Program Summary (continued)

MCM 4: Construction Site Stormwater Runoff Control

BMP Categorization	BMP Description	Responsible Department/Parties	Measurable Goal
Site inspection and enforcement of Erosion and Sediment Control (ESC) measures	Complete written procedures of site inspections and enforcement procedures	DPW/Environmental Protection Division/Planning Department	Complete within 1 year of the effective date of permit
Site Plan Review	Complete written procedures of site plan review and begin implementation	DPW/Environmental Protection Division/Planning Department	Complete within 1 year of the effective date of permit
Erosion and sediment Control	Adoption of requirements for construction operators to implement a sediment and erosion control program	DPW/Environmental Protection Division/Planning Department	Complete within 1 year of the effective date of permit
Waste Control	Adoption of requirements to control wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, litter, and sanitary wastes	DPW/Environmental Protection Division/Planning Department	Complete within 1 year of the effective date of permit

Part III: Stormwater Management Program Summary (continued)

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

BMP Categorization	BMP Description	Responsible Department/ Parties	Measurable Goal
As-built plans for on-site stormwater control	The procedures to require submission of as-built drawings and ensure long term operation and maintenance will be a part of the SWMP	DPW/Environmental Protection Division/Planning Department	Require submission of as-built plans for completed projects
Target properties to reduce impervious areas	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	DPW/Environmental Protection Division/Planning Department	Complete 4 years after effective date of permit and report annually on retrofitted properties
Allow green infrastructure	Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist	DPW/Environmental Protection Division/Planning Department	Complete 4 years after effective date of permit and implement recommendations of report
Street design and parking lot guidelines	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.	DPW/Environmental Protection Division/Planning Department	Complete 4 years after effective date of permit and implement recommendations of report
Ensure any stormwater controls or management practices for new development and redevelopment meet the retention or treatment requirements of the permit and consistent with the Southeast Watershed Alliance's Model Stormwater Standards for Coastal Watershed Communities	Adoption, amendment, or modification of a regulatory mechanism to meet permit requirements	DPW/Environmental Protection Division/Planning Department	Complete 2 years after effective date of permit

Part III: Stormwater Management Program Summary (continued)

MCM 6: Municipal Good Housekeeping and Pollution Prevention

BMP Categorization	BMP Description	Responsible Department/Parties	Measurable Goal	Beginning Year of BMP Implementation
O&M procedures	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	Department of Public Works/Environmental Protection Division	Complete and implement 2 years after effective date of permit	2019
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	Department of Public Works/Environmental Protection Division	Complete 2 years after effective date of permit and implement annually	2019
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	Department of Public Works/Environmental Protection Division	Complete 2 years after effective date of permit	2019
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	Department of Public Works/Environmental Protection Division	Complete 2 years after effective date of permit	2019
Catch basin cleaning	Establish schedule for catch basin cleaning such that each catch basin is no more than 50% full and clean catch basins on that schedule	Department of Public Works/Environmental Protection Division	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually	2019
Street sweeping program	Sweep all streets and permittee-owned parking lots in accordance with permit conditions	Department of Public Works	Sweep all streets and permittee-owned parking lots once per year in the spring	2019

BMP Categorization	BMP Description	Responsible Department/Parties	Measurable Goal	Beginning Year of BMP Implementation
Inspections and maintenance of stormwater treatment structures	Establish and implement inspection and maintenance procedures and frequencies	Department of Public Works/Environmental Protection Division	Inspect and maintain treatment structures at least annually	2019

Part III: Stormwater Management Program Summary (continued)

Actions for Meeting Total Maximum Daily Load (TMDL) Requirements

Choose the relevant TMDL conditions, action description to meet the TMDL requirements, and the responsible department/parties from the menu below. If no options are applicable, or more than one, **enter your own text to override drop-down menus**. If submitting a NHDES approved alternative reduction plan, attach and submit it with the NOI.

Applicable TMDL	Action Description	Responsible Department/Parties
New Hampshire Statewide (Bacteria)	Adhere to requirements in Part II.1 of Appendix F	For all TMDLs:
58 Bacteria Impaired Waters (Bacteria)	Adhere to requirements in Part II.1 of Appendix F	DPW
Dorrs Pond (Phosphorous)	Adhere to requirements in Part III.1 of Appendix F	EPD
Nutt Pond (Phosphorus)	Adhere to requirements in Part III.1 of Appendix F	Planning & Comm. Development
Pine Island Pond (Phosphorus)	Adhere to requirements in Part III.1 of Appendix F	Health Department
Stevens Pond (Phosphorus)	Adhere to requirements in Part III.1 of Appendix F	External Contractor or consultant for the City

Part III: Stormwater Management Program Summary (continued)

Actions for Meeting Requirements Related to Water Quality Limited Waters

Choose the relevant pollutant causing the water quality limitation and enter the waterbody ID(s) experiencing excursions above water quality standards for that pollutant. Choose the action description from the dropdown menu and indicate the responsible party. If no options are applicable, or more than one, **enter your own text to override drop down menus.**

Pollutant	Waterbody ID(s)	Action Description	Responsible Department/ Parties
E. Coli	NHRIV700060607-22	Adhere to requirements in Part III of Appendix H	For all WQL waters: DPW
Lead	NHRIV700060801-05-01	Adhere to requirements in Part V of Appendix H	EPD
Iron	NHRIV700060804-05 NHRIV700060804-12		Planning & Comm. Development
Chloride	NHRIV700060804-05 NHRIV700060803-16 NHRIV700060804-12 NHRIV700060803-08 NHLAK700060802-01 NHRIV700060802-13 NHRIV700060802-16 NHRIV700060803-15 NHLAK700060803-01 NHRIV700060802-15 NHLAK700060803-02	Adhere to requirements in Part IV of Appendix H	Health Department External Contractor or consultant for the City
Phosphorous	NHLAK700060607-02	Adhere to requirements in Part II of Appendix H	

Part IV: Notes and additional information

Use the space below to indicate the part(s) of 2.2.2 that you have identified as not possible to your MS4 and provide all supporting documentation below or attach additional documents if necessary.

Provide any additional information about your MS4 program below.

1) By submitting this Notice of Intent to Comply with the Provisions of 2017 New Hampshire Small MS4 Permit pursuant to Section 1.7.2, the City of Manchester does not waive any rights it has to object or contest the applicability of any provision or requirement of the Permit, including, but not limited to, any issues raised by any party in the appeal of the Permit before the United States Court of Appeals for the District of Columbia Circuit, Case Number 17-1060.

2) Per permit section 2.2.1.c, the City of Manchester has no specific waste load allocation or requirement related to mercury impairments listed in Part II. These notes are for informational purposes only, as the source of this impairment is atmospheric deposition.

3) The City of Manchester obtained an official species list for threatened and endangered species via the IPaC system (Consultation Code: 05E1NE00-2018-SLI-2385) within the regulated urbanized area. Per the IPaC system, two species exist within the MS4 regulated area: the Northern Long-eared Bat (*Myotis septentrionalis*) and the Small Whorled Pogonia (*Isotria medeoloides*). It is our opinion that the current stormwater discharges will have “no effect” on the listed species for the following reasons:

- a) All stormwater discharges are pre-existing or previously permitted by EPA;
- b) Any planned operations and maintenance work covered by this permit will only affect previously disturbed areas where stormwater controls are already installed;
- c) The project implements EPA MS4 Best Management Practices (BMPs). Although permitted discharges may reach the environment used by these species, BMPs reduce pollutants to the extent that discharges are not known to have measurable impacts on these species or their habitat;
- d) No new construction or structural BMPs are proposed under this permit at this time;
- e) If structural Best Management Practices (BMPs) not identified on the NOI are proposed for installation or construction during the course of the permit term, the City of Manchester agrees to conduct endangered species screening for the proposed site and contact USFWS if it is determined that the new activity “may affect” or is “not likely to adversely affect” listed species or critical habitat under jurisdiction of the USFWS

Part V: Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly 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 have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Frederick J. McNeill Title: Chief Engineer

Signature:  Date: 9/25/18

[To be signed according to Appendix B, Subparagraph B.11, Standard Conditions]

Note: When prompted during signing, save the document under a new file name.

NOI Submission

Please submit the form electronically via email using the "Submit by Email" button below or send in a CD with your completed NOI. You may also print and submit via mail using the address below if you choose not to submit electronically. The outfall map required in Part 1 of the NOI (if applicable) can be submitted electronically as an email attachment OR as a paper copy.

Permittees that choose to submit their NOI electronically by email or by mailing a CD with the completed NOI form to EPA, will be able to download a partially filled Year 1 Annual Report at a later date from EPA.

Submit by email via this email address: stormwater.reports@epa.gov

Save this NOI document for your records.

EPA Submittal Address:

United States Environmental Protection Agency

5 Post Office Square – Suite 100

Mail Code – OEP06-1

Boston, Massachusetts 02109-3912

ATTN: Thelma Murphy



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:

July 13, 2018

Consultation Code: 05E1NE00-2018-SLI-2385

Event Code: 05E1NE00-2018-E-05550

Project Name: Manchester, NH MS4

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-2385

Event Code: 05E1NE00-2018-E-05550

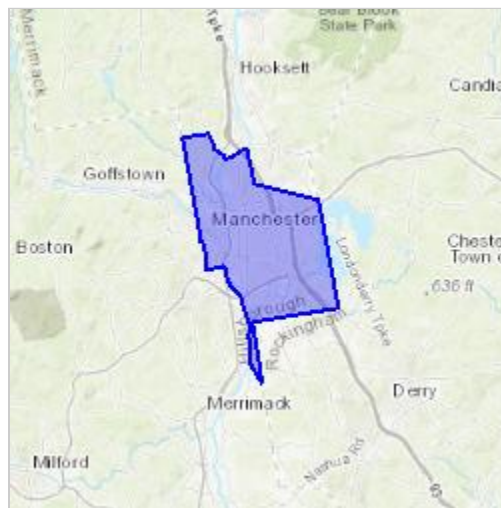
Project Name: Manchester, NH MS4

Project Type: Guidance

Project Description: This is for the ongoing operation of the City of Manchester, NH, Municipal Separate Storm Sewer System (MS4)

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/42.97100616925185N71.43758920648497W>



Counties: Hillsborough, NH | Merrimack, NH | Rockingham, NH

Endangered Species Act Species

There is a total of 2 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.

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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

Flowering Plants

NAME	STATUS
Small Whorled Pogonia <i>Isotria medeoloides</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1890	Threatened

Critical habitats

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