

Part I: General Conditions

General Information

Name of Municipality or Organization: State:

EPA NPDES Permit Number (if applicable):

Primary MS4 Program Manager Contact Information

Name: Title:

Street Address Line 1:

Street Address Line 2:

City: State: Zip Code:

Email: Phone Number:

Fax Number:

Other Information

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed):

Eligibility Determination

Endangered Species Act (ESA) Determination Complete? Eligibility Criteria (check all that apply): ☐ A ☐ B ☒ C

National Historic Preservation Act (NHPA) Determination Complete? Eligibility Criteria (check all that apply): ☒ A ☐ B ☐ C

☒ 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? 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 of 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? <i>(Part II, III, IV or V, Subpart B.3.(b.) of 2003 permit)</i>	Yes	Effective Date or Estimated Date of Adoption (MM/DD/YY): 06/18/07
Construction/Erosion and Sediment Control (ESC) Authority Adopted? <i>(Part II, III, IV or V, Subpart B.4.(a.) of 2003 permit)</i>	Yes	Effective Date or Estimated Date of Adoption (MM/DD/YY): 10/20/11
Post- Construction Stormwater Management Adopted? <i>(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)</i>	Yes	Effective Date or Estimated Date of Adoption (MM/DD/YY): 06/08/07

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

Part II: Summary of Receiving Waters

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

Massachusetts list of impaired waters: Massachusetts - <http://www.mass.gov/eea/docs/dep/water/resources/07v5/14list2.pdf>

Check off relevant pollutants for discharges to impaired waterbodies (see above 303(d) lists) without an approved TMDL in accordance with part 2.2.2.a of the permit. List any other pollutants in the last column, if applicable.

[illegible]

Unnamed Stream at Winchester Country Club off Lockeland Road	3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Small Wetland at the corner of Ridge St. and Johnson Rd.	2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
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									
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 Stream off Socrates Way near West Side Field	1	☐	☐	☐	☐	☐	☐	☐	☐	☐										
Wetland near The Gables Retirement Community	4	☐	☐	☐	☐	☐	☐	☐	☐	☐										
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Notice of Intent (NOI) for coverage under Small MS4 General Permit

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 municipalities/organizations whose MS4 discharges into a receiving water with an approved Total Maximum Daily Load (TMDL) and an applicable waste load allocation (WLA), identify any additional BMPs employed to specifically support the achievement of the WLA in the TMDL section at the end of part III.

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 text to override the drop down menu.**

MCM 1: Public Education and Outreach

BMP Media/Category (enter your own text to override the drop down menu)	BMP Description	Targeted Audience	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal	Beginning Year of BMP Implementation
Brochures/Pamphlets	(1) Stormwater tips in annual MWRA mailing and (2) Stormwater brochure at Building & Engineering Departments	Residents	Engineering/Building Department	Keep track of the various types of materials and quantities distributed to residents.	FY2019
Local Public Service Announcements	Release a stormwater PSA via WinCAM	Residents	Engineering	Keep track of the times aired	FY2019
Website; email listserve; press release	Messages to encourage the following: - Proper use and disposal of grass clippings, and use of slow-release and phosphorus-free fertilizer; -Proper management of pet waste; -Proper disposal of leaf litter	Residents	Engineering /Town Manager	Keep track of number of emails sent. (Annually)	FY2019
Displays/Posters/Kiosks	Display MyRWA poster in Town Hall.	Residents	Engineering		FY2019

Brochures/Pamphlets	Include a flyer in Dog License renewal for proper pet waste disposal	Residents	Engineering /Town Clerk	Keep track of the types and quantities of materials being mailed. (Annually)	FY2019
Website; email listserve; press release	Messages to encourage the following: - Proper use and disposal of grass clippings, and use of slow-release and phosphorus-free fertilizer; -Proper management of pet waste; -Proper disposal of leaf litter	Businesses, Institutions and Commercial Facilities	Engineering /Town Manager	Keep track of number of emails sent. (Annually)	FY2019
Brochures/Pamphlets	Mail letter to septic system owners with information on proper maintenance.	Residents	Engineering	Keep track of the quantity of mailings. (Annually)	FY2019
Web Page	Create a stormwater website that includes information for residents	Residents	Engineering /Town Manager	Keep track of web traffic. (Annually)	FY2019
Brochures/Pamphlets	(1) Stormwater tips in annual MWRA mailing and (2) Mailing to all auto-related businesses about proper storage and disposal of hazardous waste material	Businesses, Institutions and Commercial Facilities	Engineering	Keep track of the types and quantities of materials being mailed.	FY2020
Web Page	Create a web page for stormwater related information geared towards businesses.	Businesses, Institutions and Commercial Facilities	Engineering/Town Manager	Keep track of web traffic. (Annually)	FY2020
Newspaper Articles/Press Releases	Press release on proper management of private parking lots.	Businesses, Institutions and Commercial Facilities	Engineering/Town Manager	Keep track of press release distribution.	FY2020

Brochures/Pamphlets	(1) Stormwater tips in MWRA mailing and (2) Direct mailing to industrial facilities in Town on stormwater tips.	Industrial Facilities	Engineering/DPW	Keep track of the types and quantities of materials being mailed.	FY2020
Web Page	Create a web page for stormwater related information geared towards industrial facilities.	Industrial Facilities	Engineering /Town Manager	Keep track of web traffic. (Annually)	FY2020
Brochures/Pamphlets	Insert stormwater brochures into property tax bills.	Residents	Engineering/Treasury Department	Keep track of the types and quantities of materials being mailed.	FY2021
Brochures/Pamphlets	(1) Stormwater tips in annual MWRA mailing and (2) Stormwater brochure at Building Department, Engineering Department, and Conservation Commission	Developers (construction)	Engineering/Building Department/Conservation Commission	Keep track of the various types of materials and quantities distributed.	FY2021
Web Page	Create a web page for stormwater related information geared towards developers.	Developers (construction)	Engineering/Town Manager	Keep track of web traffic. (Annually)	FY2021
Newspaper Articles/Press Releases	Distribute MyRWA press release for best management practices for developers.	Developers (construction)	Engineering/Town Manager	Keep track of press release distribution.	FY2021
Brochures/Pamphlets	Direct mailing to all local lawn care professionals about proper yard waste disposal.	Businesses, Institutions and Commercial Facilities	Engineering	Keep track of the various types of materials and quantities distributed.	FY2022

Brochures/Pamphlets	(1) Stormwater tips in MWRA mailing and (2) Direct mailing to industrial facilities in Town on stormwater tips.	Industrial Facilities	Engineering	Keep track of the types and quantities of materials being mailed.	FY2022
Brochures/Pamphlets	Brochures in the Conservation and Building Department offices about LID practices.	Developers (construction)	Engineering/Conservation Commission/Building Department	Keep track of the brochures being distributed.	FY2023

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

Part III: Stormwater Management Program Summary (continued)

MCM 2: Public Involvement and Participation

[illegible]

[illegible]

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

Part III: Stormwater Management Program Summary (continued)

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

BMP Categorization (enter your own text to override the drop down menu)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Implementation
SSO inventory	Develop inventory of where SSOs have discharged over the last five years.	Engineering/DPW	Complete within 1 year of effective date of permit & update SSO Inventory annually.	FY2019
Storm sewer system map	Update drainage map in accordance with permit conditions and update annually during IDDE program implementation.	Engineering/DPW	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit. Report on progress annually.	FY2020
Written IDDE program	Create written IDDE program to meet permit conditions.	Engineering/DPW	Complete within 1 year of the effective date of permit and update thereafter as required.	FY2019
Implement IDDE program	Implement catchment investigations according to program and permit conditions.	Engineering/DPW	Complete within 10 years of permit effective date. Track annually the number of illicit connections that are identified and removed.	FY2020
Employee training	Train employees on IDDE program components and implementation.	Engineering/DPW	Train annually and track number of employees trained each year.	FY2019
Conduct dry weather screening & sampling	Conduct in accordance with outfall screening procedure and permit conditions.	Engineering/DPW	Complete within 3 years of permit effective date. Track number of outfalls that are screened and sampled annually.	FY2021
Conduct wet weather sampling	Conduct in accordance with outfall screening procedure	Engineering/DPW	Complete within 10 years of permit effective date. Track number of outfalls that are screened and sampled annually.	FY2022

[illegible]

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

Part III: Stormwater Management Program Summary (continued)

MCM 4: Construction Site Stormwater Runoff Control

BMP Categorization (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Implementation
Site inspection and enforcement of Erosion and Sediment Control (ESC) measures	Develop written procedures for site inspections and enforcement that meet permit requirements and begin implementation.	Planning Board/Conservation Commission/Engineering	Complete within 1 year of the effective date of permit. Report on the number of site inspections and enforcement actions annually.	FY2019
Site plan review	Develop written procedures for site plan review that meet permit requirements and begin implementation.	Planning Board/Engineering	Complete within 1 year of the effective date of permit. Report on the number of site plan reviews conducted, inspections conducted, and enforcement actions taken annually.	FY2109
Erosion and Sediment Control	Review and update existing stormwater regulations as needed to include language that requires construction operators to implement a sediment and erosion control program that includes BMPs that are appropriate for conditions at the construction site.	Planning/Engineering/Town Attorney	Continue to enforce existing sediment and erosion control requirements, and update regulations as needed within one year of the permit effective date.	FY2019

[illegible]

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

Part III: Stormwater Management Program Summary *(continued)*

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

BMP Categorization (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Implementation
As-built plans for on-site stormwater control	Review and update, as needed, existing procedures that require submission of as-built drawings and long term operation and maintenance to meet permit requirements.	Planning Board/ZBA/Engineering/Building Department	Require submission of as-built plans and long term O&M for completed projects. Complete within 2 years of permit effective date	FY2020
Target & rank properties for BMP retrofitting	Identify at least 5 permittee-owned properties that could be modified or retrofitted with BMPs to reduce frequency, volume, and pollutant loads associated with stormwater discharges, and update annually.	Engineering/DPW	Complete within 4 years of permit effective date and report annually on retrofitted properties.	FY2022
Allow green infrastructure practices	Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist.	Planning Board/ZBA/Engineering	Complete within 4 years of permit effective date and implement recommendations of report.	FY2022

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

Part III: Stormwater Management Program Summary *(continued)*

MCM 6: Municipal Good Housekeeping and Pollution Prevention

BMP Categorization (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwriten)	Beginning Year of BMP Implementation
O&M procedures	Update existing and develop new written O&M procedures including all requirements contained in 2.3.7.a.ii for parks and open spaces, buildings and facilities, and vehicles and equipment.	DPW	Complete and implement within 2 years of permit effective date.	FY2020
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory.	DPW	Complete within 2 years of permit effective date and update annually.	FY2020
Infrastructure O&M	Update existing O&M Plan for the repair and rehabilitation of MS4 infrastructure to meet permit requirements.	DPW	Complete updates and implement within 2 years of permit effective date.	FY2020
Stormwater Pollution Prevention Plan (SWPPP) Development, Inspections & Training	Create SWPPPs for DPW Facility on Lake Street and the Transfer Station/ Recycling Center on McKay Avenue & perform required training and inspections.	DPW	Complete and implement within 2 years of permit effective date, and perform quarterly inspections, and required training annually thereafter. Track number of employees trained annually.	FY2020
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.	DPW	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material removed annually.	FY2019

[illegible]

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

Part III: Stormwater Management Program Summary (continued)

Actions for Meeting Total Maximum Daily Load (TMDL) Requirements

Use the drop-down menus to select the applicable TMDL, action description to meet the TMDL requirements, and the responsible department/parties. If no options are applicable, or more than one, **enter your own text to override drop-down menus.**

[illegible]

Part III: Stormwater Management Program Summary (continued)

Use the drop-down menus to select the 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 drop-down menu and indicate the responsible party. If no options are applicable, or more than one, **enter your own text to override drop-down menus.**

[illegible]

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Part IV: Notes and additional information

Use the space below to indicate the part(s) of 2.2.1 and 2.2.2 that you have identified as not applicable to your MS4 because you do not discharge to the impaired water body or a tributary to an impaired water body due to nitrogen or phosphorus. Provide all supporting documentation below or attach additional documents if necessary. Also, provide any additional information about your MS4 program below.

Winchester does not currently discharge to any water bodies or tributaries of any water bodies that have approved TMDLs.

Through consultation with the US Fish & Wildlife, it was determined that the only threatened species within Winchester is the northern long-eared bat. Actions currently proposed within this Notice of Intent will not affect this species. As Best Management Practices are constructed in the future, the Town will consult with US Fish & Wildlife prior to construction activities.

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 gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name:

Richard C. Howard

Title:

Town Manager

Signature:

Date:

[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

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

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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 gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

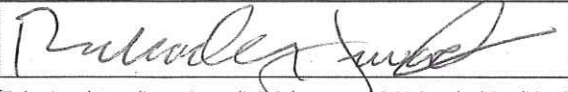
Name:

Richard C. Howard

Title:

Town Manager

Signature:



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

Date:

9/28/18

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



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 11, 2018

Consultation Code: 05E1NE00-2018-SLI-3038

Event Code: 05E1NE00-2018-E-07165

Project Name: Winchester MS4 Notice of Intent

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
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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

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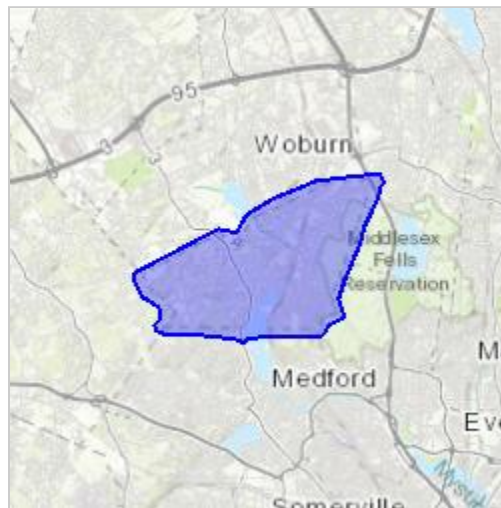
Project Name: Winchester MS4 Notice of Intent

Project Type: ** OTHER **

Project Description: Project covers stormwater discharges from the municipal separate storm sewer system. The Town is seeking coverage under the Final 2016 Massachusetts MS4 Permit.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/42.45392079314796N71.14972047556753W>



Counties: Middlesex, MA

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.

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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

Critical habitats

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