

TOWN OF WELLESLEY
WELLESLEY, MASSACHUSETTS 02481

DAVID J. HICKEY, JR, PE
TOWN ENGINEER

DOUGLAS R. STEWART, P.E.
ASSISTANT TOWN ENGINEER



20 MUNICIPAL WAY
781-235-7600
FAX 781-237-0047

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

October 3, 2018

Mrs. Glenda Velez
U. S. Environmental Protection Agency – Region 1
5 Post Office Square – Suite 100
Mail Code - OEP06-01
Boston, MA 02109-3912
Attn: Newton Teddar

**RE: NPDES Phase II Small MS4 General Permit
NOI
Wellesley, Massachusetts
EPA NPDES Permit Number: MA 041067**

Dear Mr. Teddar,

Please find enclosed herewith a copy of our Notice of Intent (NOI) for coverage under the Small MS4 General Permit for the period July 1, 2018 to June 30, 2023 as required by our NPDES Phase II Small MS4 General Permit.

Should you have any questions or if you require additional information, please feel free to contact me.

Sincerely,

George J. Saraceno
Certified Stormwater Manager

David J. Hickey, Jr., P.E.
Town Engineer

Cc: Michael Pakstis, Director
David Cohen, Assistant Director
Blythe Robinson, Executive Director
Brandon Schmitt, Natural Resources Commission
Michael Zehner, Planning Board

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? Effective Date or Estimated Date of Adoption (MM/DD/YY):

Construction/Erosion and Sediment Control (ESC) Authority Adopted? Effective Date or Estimated Date of Adoption (MM/DD/YY):

Post- Construction Stormwater Management Adopted? Effective Date or Estimated Date of Adoption (MM/DD/YY):

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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
DPW Newsletter	Mitigating Stormwater	Residents	DPW-Engineering	Mail to Residents in Spring 2018	2018
Web Page	Grass Clippings/Phosphorous free fertilizer	Residents, Businesses, Institutions and Commercial Facilities	DPW-Engineering	Spring 2018, annually	2018
Web Page	Management of Pet Waste	Residents, Businesses, Institutions and Commercial Facilities	DPW-Engineering	Summer 2018, annually	2018
Web Page	Leaf Litter	Residents, Businesses, Institutions and Commercial Facilities	DPW-Engineering	Fall, 2018, annually	2018
Brochures/Pamphlets/Events	Pesticide awareness	Residents	DPW-Engineering/Natural Resources Commission (NRC)	Fall, 2018, annually	2018
Classroom	Presentation	Middle School Students	DPW-Engineering	Spring 2018, annually	2018
Internet/YouTube	Think Blue Massachusetts	General Public	Massachusetts Statewide Stormwater Coalition	Statistics Report, report annually	2018
Annual Reports/web page	Pond Restoration/Phosphorous Reduction	General Public	DPW-Engineering/Natural Resources Commission (NRC)	Phosphorous Removal	2018
Brochures/Pamphlets	General Stormwater Info	Residents	DPW-Engineering	Mailed to residents, total number distributed	2018
Brochures/Pamphlets	Waste Disposal	Commercial	DPW-Engineering	Flyer available at Bldg. Dept & BOH. Count number of flyers distributed	2018

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Classroom	Presentation	Middle School Students	DPW-Engineering	Spring 2018, annually	2019
Internet/YouTube	Think Blue Massachusetts	General Public	Massachusetts Statewide Stormwater Coalition	Statistics Report, report annually	2019
Annual Reports	Pond Restoration/Phosphorous Reduction	General Public	DPW-Engineering/Natural Resources Commission (NRC)	Phosphorous Removal	2019
Brochures/Pamphlets	General Stormwater Info	Developers (construction)	DPW-Engineering	Mail to 2018 permit applicants	2019
Brochures/Pamphlets	Fertilizer	Landscapers	DPW-Engineering	Brochure available at DPW. Count the number of flyers distributed	2019

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Part III: Stormwater Management Program Summary

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Web Page	Grass Clippings/Phosphorous free fertilizer	Residents, Businesses, Institutions and Commercial Facilities	DPW-Engineering	Spring 2018, annually	2020
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Annual Reports	Pond Restoration/Phosphorous Reduction	General Public	DPW-Engineering/Natural Resources Commission (NRC)	Phosphorous Removal	2020
Brochures/Pamphlets	Waste Disposal	Businesses, Institutions and Commercial Facilities	DPW-Engineering	Brochure available at RDF, BOH & Bldg. Dept. Count brochures distributed	2020

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Part III: Stormwater Management Program Summary

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DPW Newsletter	Mitigating Stormwater	Residents	DPW-Engineering	Mail to Residents in Spring 2018	2021
Web Page	Grass Clippings/Phosphorous free fertilizer	Residents, Businesses, Institutions and Commercial Facilities	DPW-Engineering	Spring 2018, annually	2021
Web Page	Management of Pet Waste	Residents, Businesses, Institutions and Commercial Facilities	DPW-Engineering	Summer 2018, annually	2021
Web Page	Leaf Litter	Residents, Businesses, Institutions and Commercial Facilities	DPW-Engineering	Fall, 2018, annually	2021
Brochures/Pamphlets/Events	Pesticide awareness	Residents	DPW-Engineering/Natural Resources Commission (NRC)	Fall, 2018, annually	2021
Classroom	Presentation	Middle School Students	DPW-Engineering	Spring 2018, annually	2021
Internet/YouTube	Think Blue Massachusetts	General Public	Massachusetts Statewide Stormwater Coalition	Statistics Report, report annually	2021
Annual Reports	Pond Restoration/Phosphorous Reduction	General Public	DPW-Engineering/Natural Resources Commission (NRC)	Phosphorous Removal	2021
Brochures/Pamphlets	General Stormwater Info	Developers (construction)	DPW-Engineering	Mail to permit applicants	2021

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DPW Newsletter	Mitigating Stormwater	Residents	DPW-Engineering	Mail to Residents in Spring 2018	2022
Web Page	Grass Clippings/Phosphorous free fertilizer	Residents, Businesses, Institutions and Commercial Facilities	DPW-Engineering	Spring 2018, annually	2022
Web Page	Management of Pet Waste	Residents, Businesses, Institutions and Commercial Facilities	DPW-Engineering	Summer 2018, annually	2022
Web Page	Leaf Litter	Residents, Businesses, Institutions and Commercial Facilities	DPW-Engineering	Fall, 2018, annually	2022
Brochures/Pamphlets/Events	Pesticide awareness	Residents	DPW-Engineering/Natural Resources Commission (NRC)	Fall, 2018, annually	2022
Classroom	Presentation	Middle School Students	DPW-Engineering	Spring 2018, annually	2022
Internet/YouTube	Think Blue Massachusetts	General Public	Massachusetts Statewide Stormwater Coalition	Statistics Report, report annually	2022
Annual Reports	Pond Restoration/Phosphorous Reduction	General Public	DPW-Engineering/Natural Resources Commission (NRC)	Phosphorous Removal	2022
Brochures/Pamphlets	Fleet Maintenance	Businesses, Institutions and Commercial Facilities	DPW-Engineering	Mail to applicable businesses	2022

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Part III: Stormwater Management Program Summary

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DPW Newsletter	Mitigating Stormwater	Residents	DPW-Engineering	Mail to Residents in Spring 2018	2023
Web Page	Grass Clippings/Phosphorous free fertilizer	Residents, Businesses, Institutions and Commercial Facilities	DPW-Engineering	Spring 2018, annually	2023
Web Page	Management of Pet Waste	Residents, Businesses, Institutions and Commercial Facilities	DPW-Engineering	Summer 2018, annually	2023
Web Page	Leaf Litter	Residents, Businesses, Institutions and Commercial Facilities	DPW-Engineering	Fall, 2018, annually	2023
Brochures/Pamphlets/Events	Pesticide awareness	Residents	DPW-Engineering/Natural Resources Commission (NRC)	Fall, 2018, annually	2023
Classroom	Presentation	Middle School Students	DPW-Engineering	Spring 2018, annually	2023
Internet/YouTube	Think Blue Massachusetts	General Public	Massachusetts Statewide Stormwater Coalition	Statistics Report, report annually	2023
Annual Reports	Pond Restoration/Phosphorous Reduction	General Public	DPW-Engineering/Natural Resources Commission (NRC)	Phosphorous Removal	2023
Brochures/Pamphlets	General Stormwater Info	Residents	DPW-Engineering	Mail to residents, total number distributed	2023

Part III: Stormwater Management Program Summary (continued)

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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 SSO inventory in accordance of permit conditions	DPW-Engineering	Complete within 1 year of effective date of permit	2019
Storm sewer system map	Create map and update during IDDE program completion	DPW-Engineering	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit	2019
Written IDDE program	Create written IDDE program	DPW-Engineering	Complete within 1 year of the effective date of permit and update as required	2019
Implement IDDE program	Implement catchment investigations according to program and permit conditions	DPW-Engineering	Complete 10 years after effective date of permit	2020
Employee training	Train employees on IDDE implementation	DPW-Engineering	Train annually	2019
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	DPW-Engineering	Complete 3 years after effective date of permit	2020
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	DPW-Engineering	Complete 10 years after effective date of permit	2019
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	DPW-Engineering	Complete ongoing outfall screening upon completion of IDDE program	2019

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	Complete written procedures of site inspections and enforcement procedures	DPW-Engineering	Complete within 1 year of the effective date of permit	2019
Site plan review	Complete written procedures of site plan review and begin implementation	DPW-Engineering	Complete within 1 year of the effective date of permit	2019
Erosion and Sediment Control	Complete written procedures and specifications for engineering review at construction sites and begin implementation	DPW-Engineering	Complete within 1 year of the effective date of permit	2019
Waste Control	Complete written procedures and specifications for engineering review at construction sites and begin implementation	DPW-Engineering	Complete within 1 year of the effective date of permit	2019
Regulation Review	Review and access current regulations to improve stormwater controls	MAPC - Planning Board	Complete	2018

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	The procedures to require submission of as-built drawings and ensure long term operation and maintenance will be a part of the SWMP	DPW-Engineering	Require submission of as-built plans for completed projects	2018
Target properties to reduce impervious areas	Identify at least 5 permittee-owned properties that could be modified or retrofitted with BMPs to reduce impervious areas and update annually	DPW-Engineering	Complete 4 years after effective date of permit and report annually on retrofitted properties	2020
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-Engineering & Planning Board	Complete 4 years after effective date of permit and implement recommendations of report	2020
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-Engineering & Planning Board	Complete 4 years after effective date of permit and implement recommendations of report	2020

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
Ensure any stormwater controls or management practices for new development and redevelopment meet the retention or treatment requirements of the permit and all applicable requirements of the Massachusetts Stormwater Handbook	Adoption, amendment, or modification of a regulatory mechanism to meet permit requirements	DPW-Engineering, Town Counsel	Complete 2 years after effective date of permit	2020
Phosphorus removal - retrofit inventory, priority ranking	Regulatory mechanism to meet permit requirements	DPW-Engineering, Town Counsel	Appendix H-1.a.i.2	2020
Post-construction stormwater runoff program regulatory mechanism	Modify existing regulatory mechanisms (e.g., site plan review, drainage review) to incorporate 2017 Permit requirements	DPW, Planning Board, ZBA, Town Counsel, Town Meeting	By July 2020, ensure that all projects disturbing more than one acre are required to comply with items listed in Section 2.36.a.ii of 2016 Permit	2018
Post-construction stormwater runoff program implementation: application review	Continue to review and approve proposed stormwater management designs, including water quality BMPs	DPW/Engineering	Complete drainage review for all proposed projects disturbing more than one acre. Ensure approved BMPs are installed and functioning	2018
Post-construction stormwater runoff program: inspections	Monitor inspection and maintenance of privately owned BMPs	DPW/Engineering	All private BMPs with required O&M plans are identified in Town GIS system. Required annual reports are tracked and compliance evaluated	2018

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 overwritten)	Beginning Year of BMP Implementation
O&M procedures	Create 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-Engineering	Complete and implement 2 years after effective date of permit	2020
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	DPW-Engineering , NRC	Complete 2 years after effective date of permit and implement annually	2020
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	DPW-Engineering	Complete 2 years after effective date of permit	2020
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	DPW-Engineering	Complete and implement 2 years after effective date of permit	2020
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-Engineering/Highway 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	DPW-Engineering/Highway Division	Sweep all streets and permittee-owned parking lots once per year in the spring	2019
Road salt use optimization program	Establish and implement a program to minimize the use of road salt	DPW-Engineering/Highway Division	Implement salt use optimization during deicing season	2018

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
Inspections and maintenance of stormwater treatment structures	Establish and implement inspection and maintenance procedures and frequencies	DPW-Engineering/Highway Division	Inspect and maintain treatment structures at least annually	2019
Grass cutting and leaf litter procedures	Establish for permittee owned operations	DPW-Engineering/Highway Division	Implement twice annually, See appendix II.1.a.i.3	2019
Phosphorus Source Identification Report	Written report	DPW-Engineering	Within 4 years of effective date of permit, See Appendix II.1.b.i	2021
Potential Structural BMP's	Evaluate all permittee owned property for retrofit opportunities	DPW-Engineering	Within 5 years of effective date of permit, See Appendix II.1.c.i.	2022
Mechanical Weed Harvesting of Ponds	Mechanically remove aquatic weeds	DPW-Engineering/NRC	Visual observation of reduction of invasive and nuisance aquatic weeds (performed annually)	2018
Spill Control and Countermeasure (SPCC) training	Annual classroom training	DPW-Engineering	Annual training of employees	2018
O&M Program (Public BMP Maintenance)	O&M Program for all BMP's claimed for phosphorous reduction	DPW-Engineering	Number of BMP's and maintenance logs	2019
Waterbody Restoration	Phosphorus Inactivation system in Morses Pond	DPW-Engineering/NRC	Visual inspection of reduction of invasive and nuisance aquatic weeds	2018

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.**

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

Actions for Meeting Requirements Related to Water Quality Limited Waters

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 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.**

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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.

The DPW-Engineering Division is currently working with the EPA and MADEP in delisting Fuller Brook, which is on the integrated list of waterways with a TMDL for phosphorus and E. coli. The Fuller Brook Preservation Project (including installation of biofiltration systems, dredging, bank stabilization, drainage system upgrades and invasive species management) was completed last year. A sampling plan has been designed for implementation this year, to evaluate the impact of the project on water quality in the brook and determine whether Fuller Brook can be removed from the state list of impaired waters.

There are two large land areas owned by two colleges, Babson College and Wellesley College that have their own private utilities, including drainage areas and discharge points and are not managed by the Town. This includes vast areas of impervious area such as parking lots, buildings, pathways, etc.

Other land areas that are not managed by the Town include Worcester Street (Route 9) and the railroad tracks, owned by MassDOT and the MBTA.

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.

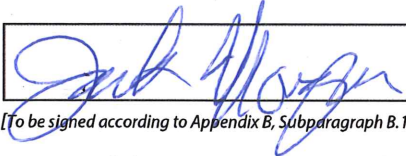
Name:

Jack Morgan

Title:

Board of Selectmen, Chairman

Signature:


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

Date:

10/01/18

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:

July 24, 2018

Consultation Code: 05E1NE00-2018-SLI-2494

Event Code: 05E1NE00-2018-E-05802

Project Name: NPDES MS4 General Permit 2018

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-2494

Event Code: 05E1NE00-2018-E-05802

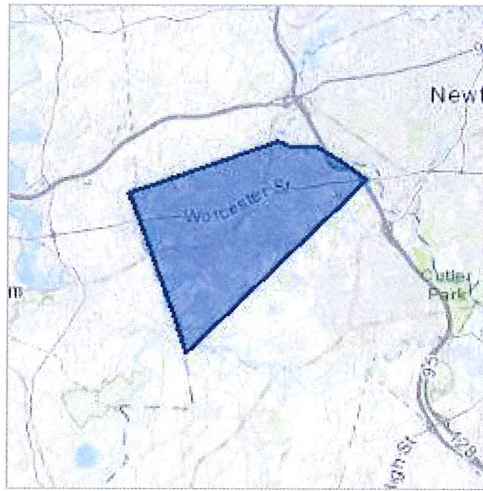
Project Name: NPDES MS4 General Permit 2018

Project Type: ** OTHER **

Project Description: Entire Town

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/42.296713012188555N71.29144582026109W>



Counties: Middlesex, MA | Norfolk, 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.
