

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

Page 1 of 22

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? (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 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? (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

Massachusetts list of impaired waters: Massachusetts 2014 List of Impaired Waters- <http://www.mass.gov/eea/docs/dep/water/resources/07v5/14list2.pdf>

[illegible]

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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
Meeting	Continue Partnership Program w/ Chelsea Greenspace & Mystic River Watershed Org.	Residents	DPW Operations	Conduct Public Forums on a yearly basis and track number of attendees.	FY2019
Web Page	Continue to update Stormwater page with stormwater runoff information and links to resources.	Residents	DPW Operations	Continue to maintain Stormwater Webpage http://www.chelseama.gov/Public_Documents/ChelseaMA_DPW/stormwater . Track number of visits to website.	FY2020
Brochures/Pamphlets	Distribute educational materials regarding good housekeeping practices, including equipment, inspection, waste disposal, dumpster maintenance, use and storage of de-icing materials, and parking lot sweeping.	Industrial Facilities	DPW Operations	Distribute brochure and maintain a list of all recipients.	FY2020

Brochures/Pamphlets	Distribute brochures to prospective developers and contractors outlining sediment and erosion control requirements during construction.	Developers (construction)	Planning Department	Make brochures available to developers in the Planning Department. Track number of brochures distributed. Verify that sediment and erosion control practices are being followed during site inspections.	FY2021
Brochures/Pamphlets	Provide stormwater educational pamphlets addressing lawn/grounds maintenance, use of salt/ de-icing materials, etc.	Businesses, Institutions and Commercial Facilities	DPW Operations	Distribute pamphlets to businesses, institutions and commercial facilities, and maintain a list of all recipients.	FY2021
Brochures/Pamphlets	Distribute information to industrial facilities on compliance with EPA's Multi-Sector General Permit.	Industrial Facilities	DPW Operations	Track number of industrial facilities reached.	FY2022
Brochures/Pamphlets	Make available to developers information on green infrastructure practices for construction projects.	Developers (construction)	Planning Department	Make brochures available to developers in the Planning Department. Track number of brochures distributed.	FY2022
Web Page	Update the City's website to include information on vehicle maintenance, fertilizer use, parking lot sweeping, ice removal optimization, and waste/material storage for local businesses.	Businesses, Institutions and Commercial Facilities	DPW Operations	Track number of visits to web site.	FY2023

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Part III: Stormwater Management Program Summary (continued)

MCM 2: Public Involvement and Participation

BMP Categorization	Brief BMP Description (enter your own text to override the drop down menu)	Responsible Department/Parties (enter your own text to override the drop down menu)	Additional Description/ Measurable Goal	Beginning Year of BMP Imple- mentation
Public Review	SWMP Review	Engineering	Allow annual review of stormwater management plan by posting of stormwater management plan on City website.	FY2019
Public Participation	Hold Coordination meetings	DPW Operations	Attend Mystic River Steering Committee meetings on a quarterly basis and continue coordination with Mystic River Watershed Association.	FY2019
Public Participation	Volunteer Water Quality Monitoring	DPW Operations	Continue relationship with Mystic River Watershed Association.	FY2019
Public Participation	Household haz. waste/used oil collection day	DPW Operations	Continue to hold Household Hazardous Waste Day in April at the Chelsea High School's Carter Street Parking Lot for Chelsea residents. Track amount and type of waste collected.	FY2019

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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 all SSOs that have occurred in the last 5 years in accordance with permit conditions.	DPW Operations	Complete within 1 year of effective date of permit, and report SSOs annually.	FY2019
Storm sewer system map	Continue to update storm/ drainage map annually during IDDE field investigations.	DPW Operations	Continue annual map updates as a result of IDDE field investigations.	FY2020
Written IDDE program	Update existing written IDDE plan as needed to satisfy all permit requirements.	Engineering	Complete update within 1 year of the effective date of permit and update as required thereafter.	FY2019
Implement IDDE program	Continue ongoing catchment investigations according to program and permit conditions.	Engineering	Complete 10 years after effective date of permit. Continue to track annually the number of illicit connections that are identified and removed.	FY2020
Employee training	Train employees on IDDE implementation.	DPW Operations	Train annually. Track number of employees trained.	FY2019
Conduct dry weather screening	Continue dry weather outfall screening and sampling procedures in accordance with permit conditions.	Engineering	Complete all dry weather screening and sampling within 3 years of permit effective date. Track number of outfalls that are screened.	FY2021
Conduct wet weather screening	Continue wet weather outfall screening and sampling procedures in accordance with permit conditions	Engineering	Complete all wet weather screening and sampling within 10 years of permit effective date. Continue to track number of outfalls that are screened and sampled annually.	FY2022

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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.	Planning/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/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.	FY2019
Erosion and Sediment Control Ordinance	Continue to require construction operators to implement a sediment and erosion control program and enhance program as needed to meet permit requirements. Review and update existing ordinance as needed to ensure that construction operators implement a sediment and erosion control program that includes BMPs that are appropriate for conditions at the construction site in accordance with permit requirements.	Planning/Engineering	Update ordinance within 1 year of effective date of permit.	FY2019

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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	Update existing ordinance to require submission of as-built drawings within two years, and long term operation and maintenance of BMPs as needed to meet permit requirements.	Planning/Engineering	Review existing practices for submission of as-built plans and long term O&M for completed projects and modify as necessary.	FY2020
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.	Engineering	Complete 4 years after effective date of permit 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/Engineering	Review existing practices and complete any revisions after 4 years of effective date of permit and implement recommendations of report, where feasible.	FY2022
Street design and parking lot guidelines	Develop a report assessing requirements that affect the creation of impervious cover to determine if changes to design standards for streets and parking lots can be modified to support low impact design options.	Planning/Engineering	Complete within 4 years of permit effective date and implement recommendations of report, where feasible.	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 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 Operations	Review existing procedures and implement within 2 years of effective date of permit	FY2020
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Municipal Facilities Audit	DPW Operations	Update existing inventory from the November 2009 Audit.	FY2020
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure.	DPW Operations	Review existing programs and update as necessary, within two years of permit effective date.	FY2020
Stormwater Pollution Prevention Plan (SWPPP) Development, Inspections, and Training	Create SWPPP for DPW maintenance garage.	DPW Operations	Complete and implement within 2 years of permit effective date, and provide inspections quarterly and 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 Operations	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material removed annually.	FY2019

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Part III: Stormwater Management Program Summary (continued)

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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Part III: Stormwater Management Program Summary (continued)

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. In addition, if you are subject to additional requirements due to a downstream nutrient impairment (see Part 2.2.2 of the permit) select the pollutant of concern and indicate applicable waterbody IDs or write "all waterbodies" if applicable. 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.

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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:

Thomas G. Ambrosino

Title:

City Manager

Signature:



Date:

09/26/18

[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

CITY OF CHELSEA, MA

DRAINAGE MAP





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:
Consultation Code: 05E1NE00-2018-SLI-2988
Event Code: 05E1NE00-2018-E-07051
Project Name: General MS4 Compliance

September 06, 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-2988

Event Code: 05E1NE00-2018-E-07051

Project Name: General MS4 Compliance

Project Type: LAND - MANAGEMENT PLANS

Project Description: Notice of Intent

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/42.40051463350514N71.02665305612283W>



Counties: Middlesex, MA | Suffolk, MA

Endangered Species Act Species

There is a total of 0 threatened, endangered, or candidate species on this species list.

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

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

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

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

Critical habitats

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

From: [Toscano, Laurie](#)
To: [Vuto, Michelle](#)
Cc: btaverna@chelseama.gov; [Mammolette, Lou](#); [Maltez, Fidel](#); [Chesebrough, Patricia](#); [Schwartz, Jaurice](#)
Subject: RE: Small MS4 NOI submission - additional or corrected information required
Date: Monday, March 25, 2019 12:44:31 PM
Attachments: [image001.png](#)

Hi Michelle,

In response to your e-mail below, the City of Chelsea discharges to the section of the Mystic River with Segment ID MA71-03, which extends from the Amelia Earhart Dam, Somerville/Everett to its confluence with the Boston Inner Harbor, Chelsea/Charlestown. This segment of the Mystic River is not currently impaired for phosphorus based on the 2014 Integrated List of Waters. The section of the Mystic River with Segment ID MA71-02 extends from the Outlet of the Lower Mystic Lake in Arlington/Medford to the Amelia Earhart Dam in Somerville/Everett. This section of the Mystic River is impaired for phosphorus, but is upstream of the segment of the Mystic River to which the City discharges. Based on this information, it is our understanding that the City is not tributary to the phosphorus impaired section of the Mystic River or any other water bodies that have phosphorus impairments, and would therefore not be subject to the requirements of Part II of Appendix H for phosphorus-impaired water bodies. Please let me know if my understanding is not correct or if we should discuss further.

Thank you,
Laurie Toscano
TEAM LEADER
direct: 978-532-1900 ext. 2419



From: Vuto, Michelle <Vuto.Michelle@epa.gov>
Sent: Monday, March 18, 2019 10:54 AM
To: btaverna@chelseama.gov
Cc: Toscano, Laurie <toscanol@wseinc.com>
Subject: Small MS4 NOI submission - additional or corrected information required

Hi Bertram,

EPA is reviewing the City of Chelsea's Small MS4 NOI submission and need more information in order to continue with the review process. Please respond confirming that the town will follow the requirements in part II of Appendix H for phosphorus for all waterbodies in the Mystic River Watershed.

Please respond with the requested information as soon as you can. You do not need to resubmit the NOI. If the additional information is not received within 30 days of the date on this email EPA may initiate the process to deny your NOI, unless additional time is granted by EPA for such submission. Let me know if you have any question.

Best,
Michelle

Michelle Vuto
Stormwater & Construction Permits
U.S. EPA Region 1
5 Post Office Square—OEP06-4
Boston, MA 02109-3912
617-918-1222

The contents of this e-mail and any attachments are the property of the Weston & Sampson companies. The e-mail contents are only to be used by the intended recipient of the e-mail. If you are not the intended recipient, then use, disclosure, copying, distribution or reliance on the e-mail is prohibited. All professional advice from us should be obtained in writing (not e-mail).