

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

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## Part I: General Conditions

### General Information

Name of Municipality or Organization: City of Holyoke

State: MA

EPA NPDES Permit Number (if applicable): MAR041011

### Primary MS4 Program Manager Contact Information

Name: Robert Peirent

Title: City Engineer

Street Address Line 1: 63 Canal Street

Street Address Line 2:

City: Holyoke

State: MA

Zip Code: 01040

Email: peirent@holyoke.org

Phone Number: (413) 322-5605

Fax Number: (413) 322-5606

### Other Information

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

### 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

☒ 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)

100%

If 100% of 2003 requirements not met, enter an  
estimated date of completion (MM/DD/YY):

01/01/13

Web address where MS4 map is published:

See attached

*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)

Yes

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

04/30/09

Construction/Erosion and Sediment Control (ESC) Authority Adopted?  
(Part II, III, IV or V, Subpart B.4.(a.) of 2003 permit)

Yes

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

04/30/05

Post-Construction Stormwater Management Adopted?  
(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)

Yes

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

05/17/10

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### 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.

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

Waterbody that receives flow from the MS4 and segment ID if applicable	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
Perennial Stream to Whiting Street Res.	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Wetlands affiliated with Broad Brook (MA34-18)	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Day Brook	8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Tannery Brook	12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Schoolhouse Brook	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Green Brook	13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Connecticut River (MA34-05)	15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PCBs
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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
Web Page	Develop a new web page linked to the Conservation and Sustainability page that focuses on what residents can to to improve stormwater quality with links to sites such as Think Blue	Residents	Conservation Director	Publish the new web page by then end of 2019 and track the number of visits	2019
Brochures/Pamphlets	Develop and distribute educational materials targeted to vehicle sales and maintenance facilities and distribute as part of annual licensing process	Businesses, Institutions and Commercial Facilities	Planning & Economic Development and Licensing Department	Distribute to 100% of license renewals and tabulate annually once developed	2019

Meeting	Invite developers that have applied for multiple stormwater permits from the City since regulations were developed in 2010 to a meeting that will focus on permitting and construction phase compliance requirements	Developers (construction)	Engineering	Prepare a list of invitees and compare to attendees at meeting. Target at least 50% attendance.	2020
Meeting	Meet with the Mayors Industrial Development Advisory Committee to discuss need for ongoing stormwater management system O&M and what can be done to assist with permit compliance	Industrial Facilities	Office of Planning and Economic Development with support from En.	Meet twice over the permit cycle and target 50% attendance of invitees	2020
Displays/Posters/Kiosks	Install Dog Waste Cleanup Display at Community Field Dog Park	Residents	DPW Operations	Install display within 2 years and annually track quantity of dog waste bags distributed	2020
Individual Letters and Group Meeting	Improve compliance with annual stormwater management system O&M programs through education and enforcement	Businesses, Institutions and Commercial Facilities	Engineering	Develop a list of all stormwater permits issued by the City since 2010, correspond with 100% of permittees and hold a group meeting with a goal of 50% attendance.	2019

[illegible]

## 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)

<b>BMP Categorization</b> (enter your own text to override the drop down menu)	<b>BMP Description</b>	<b>Responsible Department/Parties</b> (enter your own text to override the drop down menu)	<b>Measurable Goal</b> (all text can be overwritten)	<b>Beginning Year of BMP Implementation</b>
SSO inventory	Review and update SSO inventory in accordance of permit conditions	SUEZ	Complete within 1 year of effective date of permit	2019
Storm sewer system map	Review and update map	SUEZ	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit	2020
Written IDDE program	Review and update written IDDE program	SUEZ	Complete within 1 year of the effective date of permit and update as required	2019
Implement IDDE program	Implement updated catchment investigations according to program and permit conditions	SUEZ	Complete 10 years after effective date of permit	2019
Employee training	Continue to train employees on IDDE implementation	SUEZ	Train annually	2019
Conduct dry weather screening	Conduct in accordance with updated outfall screening procedure and permit conditions	SUEZ	Complete 3 years after effective date of permit	2020
Conduct wet weather screening	Conduct in accordance with updated outfall screening procedure	SUEZ	Complete 10 years after effective date of permit	2020



[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

<b>BMP Categorization</b> (enter your own text to override the drop down menu or entered text)	<b>BMP Description</b>	<b>Responsible Department/Parties</b> (enter your own text to override the drop down menu)	<b>Measurable Goal</b> (all text can be overwritten)	<b>Beginning Year of BMP Implementation</b>
Site inspection and enforcement of Erosion and Sediment Control (ESC) measures	Review and update written procedures of site inspections and enforcement procedures	DPW/ CITY ENGINEER	Complete within 1 year of the effective date of permit	2019
Site plan review	Review and update written procedures of site plan review and begin implementation	DPW/ CITY ENGINEER	Complete within 1 year of the effective date of permit	2010
Erosion and Sediment Control	Review and update requirements for construction operators to implement a sediment and erosion control program	DPW / CITY ENGINEER	Complete within 1 year of the effective date of permit	2010
Waste Control	Review and update requirements to control wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, litter, and sanitary wastes	DPW/ CITY ENGINEER	Complete within 1 year of the effective date of permit	2019



## 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

<b>BMP Categorization</b> (enter your own text to override the drop down menu or entered text)	<b>BMP Description</b>	<b>Responsible Department/Parties</b> (enter your own text to override the drop down menu)	<b>Measurable Goal</b> (all text can be overwritten)	<b>Beginning Year of BMP Implementation</b>
As-built plans for on-site stormwater control	Review and update procedures to require submission of as-built drawings and ensure long term operation and maintenance will be a part of the SWMP	CITY ENGINEER	Require submission of as-built plans for completed projects	2010
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	Complete 4 years after effective date of permit and report annually on retrofitted properties	2022
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	Complete 4 years after effective date of permit and implement recommendations of report	2022
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	Complete 4 years after effective date of permit and implement recommendations of report	2022

[illegible]

## 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

<b>BMP Categorization</b> (enter your own text to override the drop down menu or entered text)	<b>BMP Description</b>	<b>Responsible Department/Parties</b> (enter your own text to override the drop down menu)	<b>Measurable Goal</b> (all text can be overwritten)	<b>Beginning Year of BMP Implementation</b>
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 to manage, will involve a number of City Departments	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 to manage, will involve a number of City Departments	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	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 to manage, will involve a number of City Departments	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	SUEZ	Inventory catch basins depths to established schedule and report number of catch basins cleaned and volume of material moved annually	2020
Street sweeping program	Sweep all streets and permittee-owned parking lots in accordance with permit conditions	SUEZ	Sweep all streets and permittee-owned parking lots once per year in the spring	2020
Road salt use optimization program	Establish and implement a program to minimize the use of road salt	DPW	Implement salt use optimization during deicing season	2021

[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]



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

### 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.**

[illegible]

**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.

Click to add text

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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:

Alex B Morse

Title:

Mayor

Signature:

*Alex Morse*

Date:

09-27-18

[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



# United States Department of the Interior

## FISH AND WILDLIFE SERVICE



New England Field Office  
70 Commercial St, Suite 300  
Concord, NH 03301-5087  
<http://www.fws.gov/newengland>

September 24, 2018

To whom it may concern:

The U.S. Fish and Wildlife Service (USFWS) reviewed the stormwater discharge activities associated with the 2016 National Pollutant Discharge and Elimination System (NPDES) Massachusetts (MA) Small Municipal Separate Storm Sewer System (MS4) general permit (MA MS4 General Permit) issued by the Environmental Protection Agency (EPA). We determined those activities may affect, but are not likely to adversely affect, certain species listed under the Endangered Species Act (ESA) of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) when specific conditions are met. When these conditions are met, we do not need to review individual projects. These comments are provided in accordance with section 7 of the ESA and complement existing 2016 MA MS4 General Permit Appendix C Guidance. We understand the applicant is acting as a non-Federal representative of the EPA for the purpose of consultation under section 7. **This letter provides additional guidance for meeting Criterion B and should be submitted as part of your application package to the EPA.**

If the USFWS Information for Planning and Consultation website (<https://ecos.fws.gov/ipac/>) indicates your MA MS4 General Permit project action area may contain one or more of the following federally listed endangered species: roseate tern (*Sterna dougallii*), northern red-bellied cooter (*Pseudemys rubriventris*), dwarf wedgemussel (*Alasmidonta heterodon*), rusty patched bumble bee (*Bombus affinis*), northeastern bulrush (*Scirpus ancistrochaetus*), or American chaffseed (*Schwalbea americana*); threatened species: piping plover (*Charadrius melodus*), bog turtle (*Glyptemys muhlenbergii*), Puritan tiger beetle (*Cicindela puritana*), northeastern beach tiger beetle (*Cicindela dorsalis*), or red knot (*Calidris canutus rufa*); or their federally designated critical habitat; and the specific conditions listed below are met, you may submit this letter to complete the **MA MS4 General Permit Appendix C: Step 4** in place of a concurrence letter for informal consultation as documentation of ESA eligibility for **USFWS Criterion B**.

In addition, this letter also satisfies the requirement in the **MA MS4 General Permit Appendix C: Step 2 (3)** to contact the USFWS and obtain a concurrence letter, if you have not yet done so. If your project action area includes one or more of the above-listed species *and* one or more of the

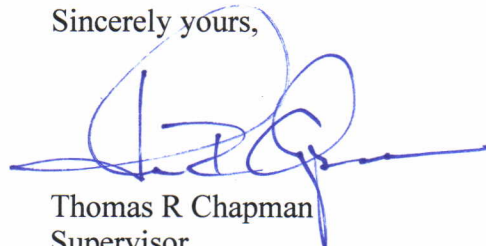
species listed under **Criterion C**,<sup>1</sup> you may still use this letter to certify under **Criterion B**. All existing guidance regarding requirements for certifying eligibility according to the USFWS Criterion A, B, or C for coverage by the 2016 MS4 Permit (see MA MS4 General Permit Appendix C – Endangered Species Guidance) remains unchanged.

We have determined that proposed stormwater discharge activities covered under the 2016 MS4 Permit *may affect, but are not likely to adversely affect*, the above-listed species and the species' critical habitat when the following are true:

1. all stormwater discharges are pre-existing or previously permitted by EPA;
2. any planned operations and maintenance work covered by this permit will only affect previously disturbed areas where stormwater controls are already installed. In these situations the chance of encountering any of the subject species is discountable;
3. the project implements EPA MS4 Best Management Practices (BMPs) and meets Clean Water Act and Massachusetts Water Quality Standards. 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;
4. no new construction or structural BMPs are proposed under this permit at this time; and
5. you agree that if, during the course of the permit term, you plan to install a structural BMP not identified in the Notice of Intent (NOI), you will re-initiate consultation with the USFWS as necessary (see **MA MS4 General Permit Appendix C: Step 2 (5)**).

If the above criteria are met, further consultation with the USFWS under section 7 of the ESA is not required at this time; however, if the proposed action changes in any way such that it may affect a listed species in a manner not previously analyzed or if new information reveals the presence of additional listed species that may be affected by the project, the applicant or the EPA should contact us immediately and suspend activities that may affect those species until the appropriate level of consultation is completed with our office. Thank you for your cooperation, and please contact David Simmons of this office at (603) 227-6425 if you have questions or need further assistance.

Sincerely yours,

A handwritten signature in blue ink, appearing to read 'T. Chapman', with a long horizontal line extending to the right.

Thomas R Chapman  
Supervisor  
New England Field Office

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<sup>1</sup> Criterion C includes guidance for project action areas that may contain species for which EPA has already made a determination. These species include the northern long-eared bat (*Myotis septentrionalis*), sandplain gerardia (*Agalinis acuta*), small whorled pogonia (*Isotria medeoloides*), and/or American burying beetle (*Nicrophorus americanus*) (MA MS4 General Permit Appendix C: Step 3 – Determine if You Can Meet Eligibility USFWS Criterion C).



Legend

- HUC12 Subwatershed Boundary
- Rivers and Streams
- Lakes and Ponds
- IDDE Drainage Divide
- Drainage Sub-basins
- Outfalls - Stormwater
- Outfalls - CSO
- City of Holyoke Boundary
- Building
- Railroad
- U.S. Census 2010 Urban Area

- Source of Information
- 1. TIGER 2000 U.S. Census Data
    - a. Urbanized Area
  - 2. HUC 12 Watersheds
    - a. NRCS/USDA Datagateway
  - 3. MassGIS Data
    - a. City of Holyoke Boundary
    - b. Stream / Brook Centerlines
    - c. Waterbodies
    - d. Eotroads
    - e. Drainage Subbasins
    - e. Stormwater Infrastructure
  - 4. City of Holyoke Basemap
    - a. Railroad
    - b. Roads
    - c. Buildings
    - d. Outfalls

