

Everett, MA

Notice of Intent

*For Coverage under Small MS4 General Permit
September 2018*



BETA

315 Norwood Park South
2nd Floor
Norwood, Massachusetts 02062
781.255.1982
www.BETA-Inc.com

Notice of Intent

Everett, MA

For Coverage under Small MS4 General Permit

Prepared by: BETA GROUP, INC.

Prepared for: Town of Everett Department of Public Works & Engineering

September 2018

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

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):

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

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? | <input type="text" value="Yes"/> | Effective Date or Estimated Date of Adoption (MM/DD/YY): | <input type="text" value="Approx. 2010"/> |
| Construction/Erosion and Sediment Control (ESC) Authority Adopted? | <input type="text" value="Yes"/> | Effective Date or Estimated Date of Adoption (MM/DD/YY): | <input type="text" value="Approx. 2004"/> |
| Post- Construction Stormwater Management Adopted? <i>(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)</i> | <input type="text" value="Yes"/> | Effective Date or Estimated Date of Adoption (MM/DD/YY): | <input type="text" value="Approx. 2004"/> |

| | | | | | | | | | | | |
|--|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|
| | | <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"/> | |
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Click to lengthen table

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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 |
|---|--|--|---|------------------------|---|
| Brochures/Pamphlets | Mailing, Website, event, phone contact, site visit, and/or other means | Residents | DPW/Communications Dept/MyRWA | TBD - See Note 6 | 2019 |
| Brochures/Pamphlets | Mailing, Website, event, phone contact, site visit, and/or other means | Businesses, Institutions and Commercial Facilities | DPW/Communications Dept/MyRWA | TBD - See Note 6 | 2019 |
| Brochures/Pamphlets | Mailing, Website, event, phone contact, site visit, and/or other means | Developers (construction) | DPW/Communications Dept/MyRWA | TBD - See Note 6 | 2020 |
| Brochures/Pamphlets | Mailing, Website, event, phone contact, site visit, and/or other means | Industrial Facilities | DPW/Communications Dept/MyRWA | TBD - See Note 6 | 2020 |
| School Curricula/Programs | Mailing, Website, event, phone contact, site visit, and/or other means | Residents | DPW/Communications Dept/MyRWA | TBD - See Note 6 | 2021 |
| Web Page | Mailing, Website, event, phone contact, site visit, and/or other means | Businesses, Institutions and Commercial Facilities | DPW/Communications Dept/MyRWA | TBD - See Note 6 | 2021 |

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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 SSO inventory in accordance of permit conditions | DPW | Complete within 1 year of effective date of permit | 2018 |
| Storm sewer system map | Create map and update during IDDE program completion | DPW | 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 | Complete within 1 year of the effective date of permit and update as required | 2018 |
| Implement IDDE program | Implement catchment investigations according to program and permit conditions | DPW | Complete 10 years after effective date of permit | 2020 |
| Employee training | Train employees on IDDE implementation | DPW | Train annually | 2018 |
| Conduct dry weather screening | Conduct in accordance with outfall screening procedure and permit conditions | DPW | Complete 3 years after effective date of permit | 2019 |
| Conduct wet weather screening | Conduct in accordance with outfall screening procedure | DPW | Complete 10 years after effective date of permit | 2020 |
| Ongoing screening | Conduct dry weather and wet weather screening (as necessary) | DPW | Complete ongoing outfall screening upon completion of IDDE program | 2022 |
| | | | | |
| | | | | |

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/Planning & Development | Complete within 1 year of the effective date of permit | 2018 |
| Site plan review | Complete written procedures of site plan review and begin implementation | DPW | Complete within 1 year of the effective date of permit | 2018 |
| Erosion and Sediment Control | Adoption of requirements for construction operators to implement a sediment and erosion control program | DPW | Complete within 1 year of the effective date of permit | 2018 |
| Waste Control | Adoption of requirements to control wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, litter, and sanitary wastes | DPW | Complete within 1 year of the effective date of permit | 2018 |
| | | | | |
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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 | Require submission of as-built plans for completed projects | 2019 |
| 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 | 2021 |
| 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 | 2021 |

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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 <small>(enter your own text to override the drop down menu or entered text)</small> | BMP Description | Responsible Department/Parties <small>(enter your own text to override the drop down menu)</small> | Measurable Goal <small>(all text can be overwritten)</small> | 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 | Complete and implement 2 years after effective date of permit | 2019 |
| Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment | Create inventory | DPW | Complete 2 years after effective date of permit and implement annually | 2019 |
| Infrastructure O&M | Establish and implement program for repair and rehabilitation of MS4 infrastructure | DPW | Complete 2 years after effective date of permit | 2019 |
| Stormwater Pollution Prevention Plan (SWPPP) | Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities | DPW | Complete and implement 2 years after effective date of permit | 2019 |
| Catch basin cleaning | Establish schedule for catch basin cleaning such that each catch basin is no more than 50% full and clean catch basins on that schedule | DPW | Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually | 2018 |
| Street sweeping program | Sweep all streets and permittee-owned parking lots in accordance with permit conditions | DPW | Sweep all streets and permittee-owned parking lots once per year in the spring | 2018 |

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.

1) Where a "beginning year" is requested we have listed the first year of the applicable fiscal year. Fiscal years run from July 1 to June 30 and correspond to permit years (i.e. permit year 1 is 2018).

2) For the purposes of NOI outfall mapping, "receiving waters" are considered as waterbodies and wetlands delineated by the USGS 25k hydrography data layers, which consists of hydrographic (water-related) features including surface waters (rivers, streams, lakes, ponds, springs, impoundments, estuaries, wetlands, coastal waters and vernal pools). The number of outfalls into a receiving water segment listed in Part II: Summary of Receiving Waters include those discharging within a 100' of a wetland or 200' of a surface water. All other outfalls are considered to be upland of receiving waters and are included in the map for use by the City only.

3) We completed the Endangered Species Act Eligibility Guidance in Appendix C of the Permit and determined that the project meets eligibility USFWS Criterion C. This determination is based on the project area IPAC report results and our assessment that activities will have "no affect" on listed species because no field work or alteration of any potential habitat is included in activities covered under this permit. A "no species present" letter, provided by USFWS, is included as an attachment to this application to complete the ESA determination.

5) Outfalls shown on the attached Receiving Waters Map that are located outside of the MS4 or city boundary are considered to be interconnecting between towns. These interconnecting outfalls ultimately discharge to waterbody segments by the MS4 and are included in Part II: Summary of Receiving Waters.

6) The City of Everett has contracted with the Mystic River Watershed Association (MyRWA) to achieve stormwater public education goals.

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: Carlo DeMaria
(signature page mailed)

Title: Mayor

Signature: Date: 9/13/18

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

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

NOI Submission

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

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

Submit by email using this button. Or, send an email with attachments to: stormwater.reports@epa.gov

Save NOI for your records

EPA Submittal Address:

United States Environmental Protection Agency
5 Post Office Square - Suite 100
Mail Code - OEP06-1
Boston, Massachusetts 02109-3912
ATTN: Newton Tedder

State Submittal Address:

Massachusetts Department of Environmental Protection
One Winter Street - 5th Floor
Boston, MA 02108
ATTN: Fred Civian

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

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:

Carlo De Maria

Title:

Mayor

Signature:

Carlo De Maria

Date:

09/13/18

[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

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Submit by email using this button. Or, send an email with attachments to: stormwater.reports@epa.gov

Save NOI for your records

EPA Submittal Address:

United States Environmental Protection Agency
5 Post Office Square - Suite 100
Mail Code - OEP06-1
Boston, Massachusetts 02109-3912
ATTN: Newton Tedder

State Submittal Address:

Massachusetts Department of Environmental Protection
One Winter Street - 5th Floor
Boston, MA 02108
ATTN: Fred Civian

MS4 NOI Attachments

Endangered Species Act Determination Letter

MS4 Outfall Map



United States Department of the Interior



FISH AND WILDLIFE SERVICE

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

January 8, 2018

To Whom It May Concern:

This project was reviewed for the presence of federally listed or proposed, threatened or endangered species or critical habitat per instructions provided on the U.S. Fish and Wildlife Service's New England Field Office website:

<http://www.fws.gov/newengland/EndangeredSpec-Consultation.htm> (accessed January 2018)

Based on information currently available to us, no federally listed or proposed, threatened or endangered species or critical habitat under the jurisdiction of the U.S. Fish and Wildlife Service are known to occur in the project area(s). Preparation of a Biological Assessment or further consultation with us under section 7 of the Endangered Species Act is not required. No further Endangered Species Act coordination is necessary for a period of one year from the date of this letter, unless additional information on listed or proposed species becomes available.

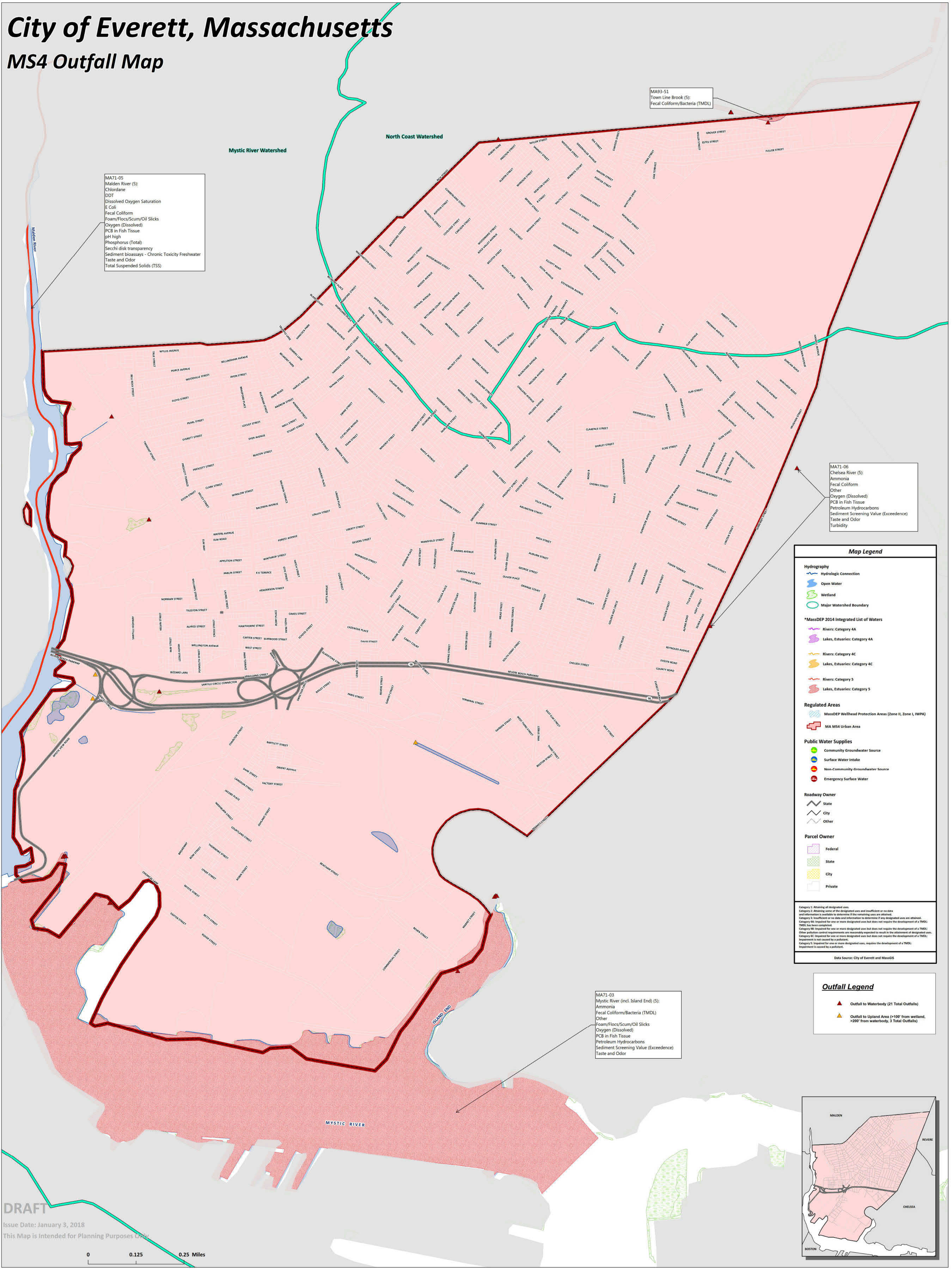
Thank you for your cooperation. Please contact David Simmons of this office at 603-227-6425 if we can be of further assistance.

Sincerely yours,

Thomas R. Chapman
Supervisor
New England Field Office

City of Everett, Massachusetts

MS4 Outfall Map



MA71-05
Malden River (S):
Chlordane
DDT
Dissolved Oxygen Saturation
E. Coli
Fecal Coliform
Foam/Flocc/Scum/Oil Slicks
Oxygen (Dissolved)
PCB in Fish Tissue
pH high
Phosphorus (Total)
Secchi disk transparency
Sediment bioassays - Chronic Toxicity Freshwater
Taste and Odor
Total Suspended Solids (TSS)

MA93-51
Town Line Brook (S):
Fecal Coliform/Bacteria (TMDL)

MA71-03
Mystic River (incl. Island End) (S):
Ammonia
Fecal Coliform/Bacteria (TMDL)
Other
Oxygen (Dissolved)
PCB in Fish Tissue
Petroleum Hydrocarbons
Sediment Screening Value (Exceedence)
Taste and Odor
Turbidity

Map Legend

Hydrography

- Hydrologic Connection
- Open Water
- Wetland
- Major Watershed Boundary

MassDEP 2014 Integrated List of Waters

- Rivers: Category 4A
- Lakes, Estuaries: Category 4A
- Rivers: Category 4C
- Lakes, Estuaries: Category 4C
- Rivers: Category 5
- Lakes, Estuaries: Category 5

Regulated Areas

- MassDEP Wellhead Protection Areas (Zone II, Zone I, I/WPA)
- MA MS4 Urban Area

Public Water Supplies

- Community Groundwater Source
- Surface Water Intake
- Non-Community Groundwater Source
- Emergency Surface Water

Roadway Owner

- State
- City
- Other

Parcel Owner

- Federal
- State
- City
- Private

Category 1: Attaining all designated uses.
Category 2: Attaining some of the designated uses and sufficient for no data and information is available to determine if the remaining uses are attained.
Category 3: Attaining no data and information is available to determine if any designated uses are attained.
Category 4A: Impaired for one or more designated uses but does not require the development of a TMDL.
TMDL has been completed.
Category 4B: Impaired for one or more designated uses but does not require the development of a TMDL.
Other pollution control requirements are reasonably expected to result in the attainment of designated uses.
Category 4C: Impaired for one or more designated uses but does not require the development of a TMDL.
Impairment is not caused by a pollutant.
Category 5: Impaired for one or more designated uses, requires the development of a TMDL.
Impairment is caused by a pollutant.

Data Source: City of Everett and MassGIS

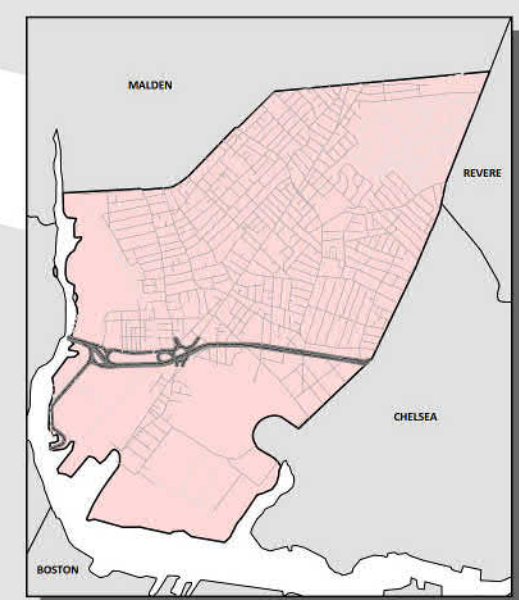
Outfall Legend

- Outfall to Waterbody (21 Total Outfalls)
- Outfall to Upland Area (>100' from wetland, >200' from waterbody, 3 Total Outfalls)

MA71-03
Mystic River (incl. Island End) (S):
Ammonia
Fecal Coliform/Bacteria (TMDL)
Other
Foam/Flocc/Scum/Oil Slicks
Oxygen (Dissolved)
PCB in Fish Tissue
Petroleum Hydrocarbons
Sediment Screening Value (Exceedence)
Taste and Odor

DRAFT
Issue Date: January 3, 2018
This Map is Intended for Planning Purposes Only

0 0.125 0.25 Miles



From: [Melissa Recos](#)
To: [Vuto, Michelle](#); Greg.StLouis@ci.everett.ma.us
Cc: [Reports Stormwater](#); [Mike Hornig](#)
Subject: RE: Small MS4 NOI submission - additional or corrected information required
Date: Monday, October 22, 2018 9:21:49 AM

Hi Michelle,

On behalf of the City of Everett, we are providing the requested additional information for the NOI Submission as follows:

The City of Everett is actively participating in the Mystic River Watershed Association (MyRWA) and has signed up to be part of the FY19 Mystic Stormwater Collaborative who's goals are to:

- * Assist in meeting public education goals in MS4 permits
- * Create awareness of stormwater pollution
- * Change behaviors to reduce the amount of pollution being emitted into local lakes, ponds streams and rivers
- * Act as a liaison to the MA Regional Stormwater Coalition
- * Provide a service to municipalities to leverage the power of collaboration to do more together than they could individually - increase efficiency and saving money

The City is supportive of the Collaborative and its goals and plans to incorporate the Collaborative's educational materials, outreach plans, and surveys into the City's Stormwater Management Plan to address the Public Education and Outreach BMP requirements to each target audience within the permit term. The City's Stormwater Management Plan will also look at achieving these goals with the supplemental education and outreach messaging required by the Permit for phosphorus impairment in the Malden River watershed and for Bacteria impairment of the Malden, Chelsea and Mystic Rivers.

Please let me know if you need any additional information.

Sincerely,
Melissa

Melissa Recos, PE
Senior Project Engineer

BETA Group, Inc. | T: 781.255.1982 | www.BETA-Inc.com

-----Original Message-----

From: Kozminski, Michelle [<mailto:kozminski.michelle@epa.gov>]
Sent: Friday, October 05, 2018 10:27 AM
To: Greg.StLouis@ci.everett.ma.us; Melissa Recos
Cc: Reports Stormwater
Subject: Small MS4 NOI submission - additional or corrected information required

Hi Melissa,

EPA requires additional or corrected information to receive a complete NOI submission for your MS4 and continue the review process.

Please respond to this email with the requested details in the attached report. You do not need to resubmit your entire NOI form. Please respond with the requested information as soon as you can. 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.

Thanks,
Michelle

Michelle Kozminski
U.S. EPA Region 1
5 Post Office Square-OEP06-4
Boston, MA 02109-3912
617-918-1222

Confidentiality Notice:

This email message (and any attachments) contains information from BETA Group, Inc. that is confidential. If you are not the intended recipient(s), you may not disclose, copy, distribute, rely upon, or use its contents. Please reply to the sender immediately and delete this message. Thank you for your cooperation.