# Notice of Intent (NOI) for coverage under Small MS4 General Permit Page 1 of 18

## Part I: General Conditions

#### Infe ....

Genera	I Information							
Name of	Municipality or Organization: City of Quincy					State:	МА	
EPA NPC	DES Permit Number (if applicable): MAR041081							
Primar	y MS4 Program Manager Contact Info	ormatio	n					
Name:	Paul Costello, P.E .	Title:	City Engir	ieer				
Street A	ddress Line 1: 55 Sea Street							
Street A	ddress Line 2:							
City:	Quincy		State:	MA	] Zip Code:	02169		
Email:	pcostello@quincyma.gov	Phone N	umber: (	517) 367-1937				
Fax Num	ber: (617) 376-1946							
Other I	nformation							
	ater Management Program (SWMP) Location Fi Idress or physical location, if already completed): Q	inal SWMP uincy, MA		ilable at the Engine	eering Dept., P	ublic Wor	ks Building, 55 Sea	Street,
Eligibil	ity Determination							
Endange	ered Species Act (ESA) Determination Complete	? Yes		(ch	gibility Criter leck all that a	pply): <sup> </sup>	□ A □ B ⊠ (	2
National	Historic Preservation Act (NHPA) Determination	ו Complet	te? Yes		gibility Criter leck all that a		X A 🗌 B 🔲 (	2
✔ Ch	eck the box if your municipality or organization	was cove	ered unde	r the 2003 MS4 G	ieneral Permi	t		
MS4 In	<b>frastructure</b> (if covered under the 2003 permit)							
	ed Percent of Outfall Map Complete? I, IV or V, Subpart B.3.(a.) of 2003 permit)			2003 requireme date of complet				
Web add	ress where MS4 map is published:							
or paper co	ap is unavailable on the internet an electronic py of the outfall map must be included with sion (see section V for submission options)	າed map						
Regula	tory Authorities (if covered under the 2003 permi	it)						

Yes

Yes

Illio	cit C	Dis	chai	ge	D	ete	ctio	n	an	d	Eliminatio	n (IDDE)	Authority	Adopted?
(0					~			~	11	•	(	• • •		

(Part II, III, IV or V, Subpart B.3.(b.) of 2003 permit,	)
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	[
Effective Date or Estimated Date of Adoption (MM/DD/YY):	2005

Updated 2015

Updated 2015

Effective Date or Estimated

Effective Date or Estimated

Date of Adoption (MM/DD/YY):

Date of Adoption (MM/DD/YY):

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

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

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#### Part II: Summary of Receiving Waters

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

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

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

Waterbody segment that receives flow from the MS4	Number of outfalls into receiving water segment	Chloride	Chlorophyll-a	Dissolved Oxygen/ DO Saturation	Nitrogen	Oil & Grease/ PAH	Phosphorus	Solids/ TSS/ Turbidity	E. coli	Enterococcus	Other pollutant(s) causing impairments
Blacks Creek	22										
Wetland/Tributary to Blacks Creek	28										
Broad Meadow Marsh	1										
Dorchester Bay MA70-03	10							X		X	Fecal Coliform, PCB in Fish Tissue, Other
Furnace Brook MA74-10	60			X							
Wetland/Tributary to Furnace Brook MA74-10	1			X							
Hingham Bay MA70-06	7										Fecal Coliform, PCB in Fish Tissue, Other
Interconnection with Braintree	2										
Isolated Wetland off of Curtis Street	1										
Isolated Wetland off of Hobart Street	5										
Neponset River MA73-04*	6			X				X		X	Debris/Floatables/Trash, Fecal Coliform, PCB in Fish Tissue, Other
Wetland/Tributary to Neponset River MA73-04	11			X				X		X	Debris/Floatables/Trash, Fecal Coliform, PCB in Fish Tissue, Other
Quincy Bay MA70-04	20									X	Fecal Coliform, PCB in Fish Tissue, Other
Wetland/Tributary to Quincy Bay MA70-04	2									X	Fecal Coliform, PCB in Fish Tissue, Other
Quincy Bay MA70-05	28									X	Fecal Coliform, PCB in Fish Tissue, Other
Wetland/Tributary to Quincy Bay MA70-05	9									X	Fecal Coliform, PCB in Fish Tissue, Other
Town Brook MA74-09	25										Fecal Coliform, Aquatic Macroinvertebrate Bioassessments, Physical Substrate habitat alterations, Other flow regime alterations
Wetland/Tributary to Town Brook MA74-09	2										Fecal Coliform, Aquatic Macroinvertebrate Bioassessments, Physical Substrate habitat alterations, Other flow regime alterations

City of Quincy

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Town River Bay MA74-15	21		X				Fecal Coliform, PCB in Fish Tissue, Other
Unnamed Pond off of Marginal Road	3						
Weymouth Fore River MA74-14	19						Fecal Coliform, PCB in Fish Tissue, Other
Wetland/Tributary to Weymouth Fore River MA74-14	25						Fecal Coliform, PCB in Fish Tissue, Other
Outside Receiving	36						
Total Number of Outfalls	344						
					•		•

Click to lengthen table

\*Neponset River MA73-04 includes two outfalls that discharge to Sagamore Creek (which is not listed seperately in the 2014 303(d) list).

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 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 require a target audience).

BMP ID	BMP Media/Category	BMP Description	Targeted Audience	Responsible Department/ Parties	Measurable Goal	Beginning Year of BMP Implementation
1A	Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Residents	DPW working with Neponset Stormwater Partnership	Raise awareness and modify behaviors to reduce pollutant loading	FY22/PY4
1B	Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Businesses, Institutions, and Commercial Facilities	DPW working with Neponset Stormwater Partnership	Raise awareness and modify behaviors to reduce pollutant loading	FY22/PY4
1C	Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Developers (Construction)	DPW working with Neponset Stormwater Partnership	Raise awareness and modify behaviors to reduce pollutant loading	FY22/PY4
1D	Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Industrial Facilities	DPW working with Neponset Stormwater Partnership	Raise awareness and modify behaviors to reduce pollutant loading	FY22/PY4
1E	Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Residents	DPW working with Neponset Stormwater Partnership	Raise awareness and modify behaviors to reduce pollutant loading	FY23/PY5

#### MCM 1: Public Education and Outreach

BMP ID	BMP Media/Category	BMP Description	Targeted Audience	Responsible Department/ Parties	Measurable Goal	Beginning Year of BMP Implementation
1F	Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Businesses, Institutions, and Commercial Facilities	DPW working with Neponset Stormwater Partnership	Raise awareness and modify behaviors to reduce pollutant loading	FY23/PY5
1G	Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Developers (Construction)	DPW working with Neponset Stormwater Partnership	Raise awareness and modify behaviors to reduce pollutant loading	FY23/PY5
1H	Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Industrial Facilities	DPW working with Neponset Stormwater Partnership	Raise awareness and modify behaviors to reduce pollutant loading	FY23/PY5

MCM 2: Public Involvement and Participation

BMP ID	D BMP Category BMP Description		Responsible Department/ Parties	Measurable Goal	Beginning Year of BMP Implementation
2A	Public Review	SWMP Review (Plan and reports available on web and discussed at public meetings)	DPW	Annually provide the public with an opportunity to participate in the review and implementation of the SWMP	FY19/PY1
2В	Public Participation	Annual event or activity such as hazardous waste day, water testing, catch basin stenciling or river cleanup	DPW working with Neponset Stormwater Partnership	Citizens will learn about and help implement MS4 program through a hands on activity annually	FY19/PY1

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MCM 3: Illicit Discharge Detection and Elimination (IDDE)

BMP ID	BMP Category	BMP Description	Responsible Department/ Parties	Measurable Goal	Beginning Year of BMP Implementation
3A	IDDE Ordinance	Complete. Continue to enforce and update if necessary	DPW	Track illicit discharges identified and removed	FY19/PY1
3B	SSO Inventory	Continue to update SSO inventory in accordance with permit conditions	DPW	Complete within 1 year of effective date of permit. Track number of SSOs identified and removed annually	FY19/PY1
3C	Storm sewer system map	Update map during IDDE program implementation	DPW	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit	FY19/PY1
3D	Written IDDE program	Update written IDDE plan	DPW	Complete within 1 year of the effective date of permit and update as required	FY19/PY1
3E-1	Assessment and Priority Ranking of Outfalls & Interconnections	Update Outfall/Interconnection Inventory and Initial Ranking as part of BMP 3D	DPW	Complete within 1 year of the effective date of permit and update as necessary	FY19/PY1
3E-2	Assessment and Priority Ranking of Outfalls & Interconnections	Dry Weather Outfall Screening & Sampling in accordance with IDDE Plan and permit conditions	DPW	Complete 3 years after effective date of permit. Track number of illicit discharges identified & volume removed. Summarize screening/sampling results	FY19/PY1
3E-3	Assessment and Priority Ranking of Outfalls & Interconnections	Continue Catchment Investigations according to program and permit conditions	DPW	Complete 10 years after effective date of permit. Track number and percentage of MS4 catchments evaluated. Track number of illicit discharges identified & volume removed. Summarize screening/sampling results	FY20/PY2

BMP ID	BMP Category	BMP Description	Responsible Department/ Parties	Measurable Goal	Beginning Year of BMP Implementation
3F	Employee Training	Train employees on IDDE implementation	DPW	Train annually. Track employees trained, training topic, date/time and materials presented	FY19/PY1

MCM 4: Construction Site Stormwater Runoff Control

BMP ID	BMP Category	BMP Description	Responsible Department/ Parties	Measurable Goal	Beginning Year of BMP Implementation
4A	Construction Ordinance and Regulations	Modify local ordinance and regulations, if necessary, to require construction operators to implement a sediment and erosion control program and control waste, including but not limited to, discarded building materials, concrete truck wash out, chemicals, litter, and sanitary wastes.	DPW/ Conservation Commission/ Planning/ Building Department	Review current procedures and modify if necessary within 1 year of permit effective date	FY19/PY1
4B	Construction Policy and Procedures	Develop and implement written procedures for site inspections and enforcement procedures per Part 2.3.5. and begin implementation.	DPW/ Conservation Commission/ Planning/ Building Department	Review current procedures and modify if necessary within 1 year of permit effective date	FY19/PY1

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BMP ID	BMP Category	BMP Description	Responsible Department/ Parties	Measurable Goal	Beginning Year of BMP Implementation
5A	Post- Construction Ordinance and Regulations	Modify local ordinances and develop regulations to require submissions of as-built drawings and ensure long term operation and maintenance will be a part of the SWMP and ensure stormwater controls or management practices for new development and redevelopment meet the requirements of the permit.	DPW/ Conservation Commission/ Planning/ Building Department	Modify existing ordinances and/or develop regulations within 2 years of permit effective date	FY20/PY2
5B	Target properties to retrofit /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 working with Neponset Stormwater Partnership	Complete 4 years after effective date of permit and report annually on retrofitted properties	FY21/PY3
5C	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 working with Neponset Stormwater Partnership	Complete 4 years after effective date of permit and implement recommendations of report	FY22/PY4
5D	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 working with Neponset Stormwater Partnership	Complete 4 years after effective date of permit and implement recommendations of report	FY22/PY4

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MCM 6: Municipal Good Housekeeping and Pollution Prevention

BMP ID	BMP Category	BMP Description	Responsible Department / Parties	Additional Description/Measurable Goal	Beginning Year of BMP Implementation
6A	Operation & Maintenance Program	Inventory and create O&M procedures for all permittee- owned parks and open spaces, buildings and facilities (including their storm drains), and vehicles and equipment	DPW	Complete 2 years after permit effective date, implement in following years	FY20/PY2
6B	Operation & Maintenance Program	Establish and implement program for repair and rehabilitation of MS4 infrastructure	DPW	Complete 2 years after permit effective date, implement in following years	FY20/PY2
6C	Stormwater Pollution Prevention Plans (SWPPP)	Update SWPPP for DPW facility	DPW	Complete SWPPPs within 2 year of permit effective date, implement in following years	FY20/PY2
6D-1	Operation & Maintenance Program	Implement procedures to optimize catch basin cleaning developed under BMP 6B	DPW	Track frequency and material quantity of catch basin cleaning in the city. In first Annual Report and in SWMP, document plan for optimizing catch basin cleaning	FY19/PY1
6D-2	Operation & Maintenance Program	Implement procedures for street and parking lot sweeping developed under BMP 6B	DPW	Annually track number of miles cleaned or the volume or mass of material removed	FY19/PY1
6D-3	Operation & Maintenance Program	Implement procedures for use and storage of deicing materials developed under BMP 6B	DPW	Implement program for winter road maintenance throughout permit term	FY19/PY1
6D-4	Operation & Maintenance Program	Implement procedures to inspect and maintain City-owned structural stormwater BMPs	DPW	Develop an inventory of City- owned BMPs within 2 years of permit effective date. Report on inspection and maintenance conducted annually.	FY19/PY1

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**.

Applicable TMDL	Action Description	<b>Responsible Department/Parties</b> (enter your own text to override the drop down menu)
Total Maximum Daily Loads of Bacteria for Neponset River Basin	Adhere to the requirements of Part A.III of Appendix F	DPW

#### 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. 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.** 

Pollutant	Waterbody ID(s)	Action Description	<b>Responsible Department/Parties</b> (enter your own text to override the drop down menu)
Total Suspended Solids	MA70-03 (Dorchester Bay)	Adhere to requirements of part V of Appendix H	DPW
Fecal Coliform	MA70-03 (Dorchester Bay)	Adhere to requirements of part III of Appendix H	DPW
Fecal Coliform	MA70-06 (Hingham Bay)	Adhere to requirements of part III of Appendix H	DPW
Fecal Coliform	MA73-04 (Neponset River)	Adhere to requirements of part III of Appendix H	DPW
Turbidity	MA73-04 (Neponset River)	Adhere to requirements of part V of Appendix H	DPW
Fecal Coliform	MA70-04 (Quincy Bay)	Adhere to requirements of part III of Appendix H	DPW
Fecal Coliform	MA70-05 (Quincy Bay)	Adhere to requirements of part III of Appendix H	DPW
Fecal Coliform	MA74-09 (Town Brook)	Adhere to requirements of part III of Appendix H	DPW
Fecal Coliform	MA74-15 (Town River Bay)	Adhere to requirements of part III of Appendix H	DPW
Fecal Coliform	MA74-14 (Weymouth Fore River)	Adhere to requirements of part III of Appendix H	DPW

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

## 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 applicable fiscal year. Fiscal years run from July 1 to June 30 and correspond to permit years (i.e., permit year 1 is FY'19)

2) BMPs identified in the 2003 General Permit NOI have been modified or replaced over the permit term due to staff changes and Stormwater Program modifications. The intent of the 2003 BMPs are being met under the proposed 2016 General Permit BMPs included in the Stormwater Management Plan. The Plan will describe how the BMPs under the 2003 permit fit into the new program, particularly where BMPs and/or measurable goals that are outdated or no longer appropriate have been replaced or updated.

3) The National Endangered Species Eligibility Determination screening process has been completed and the City of Quincy meets Criterion C. The City's stormwater discharges and discharge related activities will have no affect on listed species or critical habitat. The City will consult with U.S. Fish and Wildlife as needed during the permit term.

4) The National Historic Preservation Act Eligibility Determination screening process has been completed and the City of Quincy meets Criterion A. The City's stormwater discharges do not have the potential to cause effects on historic properties. The City will consult with the State Historic Preservation Officer as needed during the permit term.

5) The outfalls and associated receiving waters in Part II are based on mapping as of September 2018 and are subject to change during implementation of the Stormwater Management Program as newly constructed outfalls are added to the map and inventory; locations are adjusted, or outfalls are removed if they are determined to be non-municipally owned/operated or reclassified as a BMP inlet, culvert or other structure, Changes to the outfall inventory and mapping will be formalized in Annual Reports to EPA.

6) The City of Quincy is listed in the General Permit as a municipality where MS4s discharge to waterbodies, or their tributaries, that are impaired due to phosphorus. No waterbodies or tributaries impaired due to phosphorus which receive MS4 discharges from the City of Quincy have been identified.

Detailed explanations of the above notes will be included in the City's Stormwater Management Plan.

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

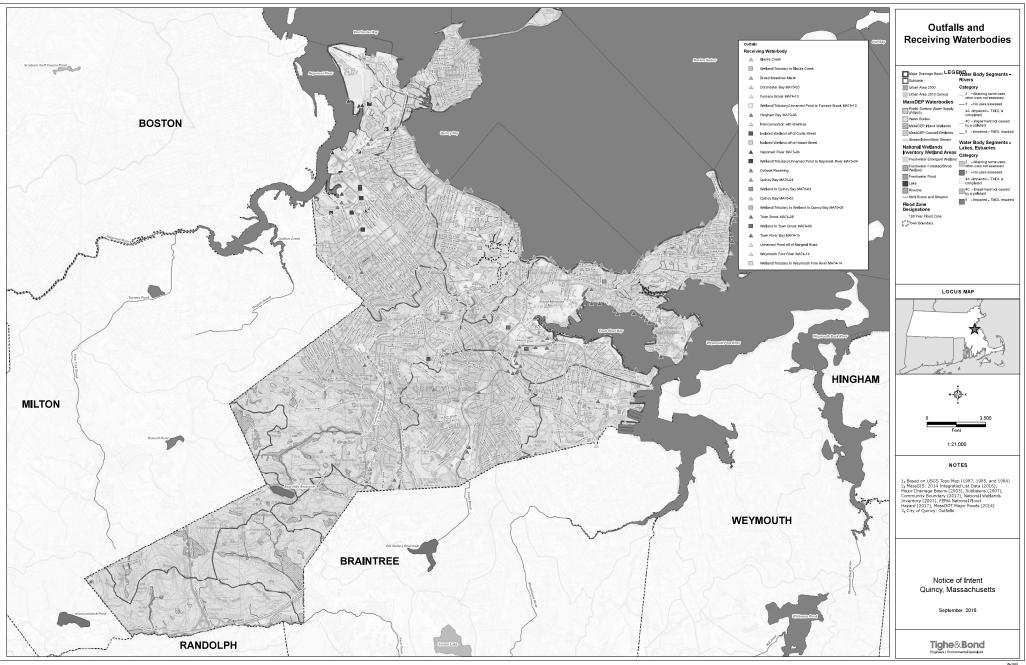
### Part V: Certification

. . . .

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:	Thomas P. Koch	Title:	Mayor
Signature:	To be signed according to Appendix B, Subparagraph B, 11, Standard Conditions]	Date:	Sept. 252018

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



G./GISWA/Quincylavpro/NOIDatfallReceivingWaterMap\_24x36.mod\_Date Saved: 9/18/2018\_User: Ngkoncli

From:	Paul Costello
То:	Vuto, Michelle
Cc:	Ian Cooke; David A. Murphy; Emily J. Scerbo; Tedder, Newton
Subject:	Re: DRAFT Statement Quincy NOI
Date:	Tuesday, February 19, 2019 4:20:05 PM

Michelle,

In response to you recent request, please amend the City of Quincy's Notice of Intent, Part III. In accordance with Part 2.2.2.a. of the General Permit, the City of Quincy will meet the requirements of **Part I of Appendix H** with respect to control of **Nitrogen** where direct discharges from the MS4 enter receiving waters within the Neponset River Estuary watershed. Quincy was listed under Part 2.2.2.b.i.1 in error. **Neponset River Segment MA73-04** is located within the Neponset River Estuary, and therefore nitrogen should be considered the limiting nutrient instead of phosphorus.

Thank you for your understanding of this matter and should you need anything further please feel free to contact me or Emily Scerbo at Tighe and Bond.

Paul Costello City Engineer City of Quincy 55 Sea Street Quincy, MA 02169 617-376-1937 (office) 857-939-9079 (mobile)

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