Part I: General Conditions

General Information

Name o	f Municipality or	r Organization: City of Nev	vton				State: M	A		
EPA NPI	DES Permit Num	ber (if applicable): MAR 04	1080							
Primaı	ry MS4 Progr	ram Manager Contact	Informatio	on						
Name:	Maria Rose		Title:	Environme	ental Enginee	r				
Street A	ddress Line 1:	1000 Commonwealth Ave								
Street A	ddress Line 2:									
City:	Newton Centre	2		State:	MA	Zip Code:	02459			
Email:	mrose@newtor	nma.gov	Phone N	lumber: (6	517) 796-1661					
Fax Nun	nber: (617) 796	5-1653								
Other	Information									
Stormw (web ad	tormwater Management Program (SWMP) Location (web address or physical location, if already completed):									
Eligibi	lity Determiı	nation								
Endang	ered Species Act	t (ESA) Determination Com	plete? Yes			Eligibility Criter (check all that a	ia oply): 🔲	А 🗌 В 🖂 С		
Nationa	l Historic Preser	vation Act (NHPA) Determi	nation Comple	ete? Yes		Eligibility Criter (check all that a	ia oply): 🛛	А 🗌 В 🗌 С		
Cł	neck the box if y	our municipality or organiz	ation was cov	ered under	r the 2003 MS	4 General Permi	t			
MS4 In	frastructure	(if covered under the 2003 perm	iit)							
Estimat (Part II, I	ed Percent of C II, IV or V, Subpar	Dutfall Map Complete? Tt B.3.(a.) of 2003 permit)	00%	lf 100% of estimated	2003 require date of comp	ments not met, e pletion (MM/DD/	enter an 'YY):			
Web add	dress where MS4	4 map is published:		nma gov/s	tormwater					
lf outfall m or paper co NOI submi:	ap is unavailable on opy of the outfall map ssion (see section V fo	the internet an electronic o must be included with or submission options)		, inna.gov/3						
Regula	atory Author	ities (if covered under the 2003	permit)							
Illicit Di (Part II, I	i scharge Detect II, IV or V, Subpar	tion and Elimination (IDD t B.3.(b.) of 2003 permit)	E) Authority A	Adopted?	Yes	Effective Date o Date of Adoptic	r Estimated on (MM/DD/	YY): 05/01/17		
Constru (Part II,II	iction/Erosion a I,IV or V, Subpart	and Sediment Control (ES B.4.(a.) of 2003 permit)	C) Authority	Adopted?	Yes	Effective Date o Date of Adoptic	r Estimated on (MM/DD/	YY): 03/16/09		
Post- Co (Part II, I	onstruction Sto II, IV or V, Subpar	ormwater Management A ort B.5.(a.) of 2003 permit)	dopted?		Yes	Effective Date o Date of Adoptic	r Estimated on (MM/DD/	YY): 03/16/09		

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
Charles River (MA 72-07)	117						\boxtimes		\boxtimes		DDT, Fishes Bioassessments, Nutrient/ Eutrophication Indicators, PCB in Fish Tissue, pathogens
Charles River (MA 72-36)	15			\square			\boxtimes		\boxtimes		Fish passage barrier, non-native aquatic plants, Chlorophyll-a, DDT, Fishes Bioassessments, Nutrient /Eeutrophication indicators, oil and grease, other, PCB in Fish Tissue, high pH, Secchi disk transparency, sediment bioassays
College Brook	1										
Country Club Brook	4										
Lacy Brook (tributary to Country Club Brook)	1										
South Meadow Brook (MA 72-24)	17			\boxtimes			\boxtimes	\boxtimes	\boxtimes		Bottom deposits, floatables / trash and physical substrate, pathogens
Paul Brook (tributary to South Meadow Brook)	16										
Hahn Brook (tributary to South Meadow Brook)	3										
Sterns Brook (tibutary to South Meadow Brook)	1										
Dresser Brook / Pond	1										
Runaway Brook	1										
Cranberry Brook	3										
Brunnen Brook	2										
Cheesecake Brook (MA 72-29)	23			\boxtimes			\boxtimes		\boxtimes		Alteration in stream side vegetative covers; excess algal growth, pathogens
Dolan Brook	4										
Laundry Brook	1										
Edmunds Brook (connects to the Laundry Brook culvert)	8										
Bulloughs Pond	9										Excess Algal growth, nutrient / eutrophication biological indicators

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 El;	E. COII	Enterococcus	Other pollutant(s) causing impairments
Cold Spring Brook (flows into Bulloughs Pond)] [
Hammond Brook (flows into Bulloughs Pond)	9] [] [
Thompsonville Brook (tributary to Hammond Brook)	4] [] [
Hyde Brook	3] [
Strongs Brook	3] [
Saw Mill Brook (MA 72-23)	4	\boxtimes		\boxtimes			\boxtimes] [2	3 [Organic enrichment (sewage) Biological Indicators, pathogens
King Brook	1] [
Crystal Lake	7] [
Hammond Pond	4] [
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Page 4 of 21

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

Part III: Stormwater Management Program Summary

Identify the Best Management Practices (BMPs) that will be employed to address each of the six Minimum Control Measures (MCMs). For municipalities/organizations whose MS4 discharges into a receiving water with an approved Total Maximum Daily Load (TMDL) and an applicable waste load allocation (WLA), identify any additional BMPs employed to specifically support the achievement of the WLA in the TMDL section at the end of part III.

For each MCM, list each existing or proposed BMP by category and provide a brief description, responsible parties/departments, measurable goals, and the year the BMP will be employed (public education and outreach BMPs also requires a target audience). Use the drop-down menus in each table or enter your own text to override the drop down menu.

MCM 1: Public Education and Outreach

BMP Media/Category (enter your own text to override the drop down menu)	BMP Description	Targeted Audience	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal	Beginning Year of BMP Imple- mentation
Special Events/Festivals/Fairs	Fall Festival / Environmental Fair	Residents	DPW Environmental and Utilities Divisions	Estimate # of people that visit booth	2018
Web Page	Post pollution prevention information on the City's web page	Businesses, Institutions and Commercial Facilities	DPW Utilities	Information posted. Track # of visits to web page	2019
Displays/Posters/Kiosks	Post information on preventing and controlling soil erosion at the permit counter	Developers (construction)	Engineering	Information posted.	2019
Brochures/Pamphlets	Post pollution prevention information on City's web site or social media	Industrial Facilities	DPW Utilities	Information posted. Track # of visits / views	2020
Brochures/Pamphlets	Post pollution prevention information at DPW customer service	Residents	DPW Utilities	Track # of pamphlets taken	2020
Brochures/Pamphlets	Distribute literature to golf courses / landscapers on fertilizer impacts to impaired waters	Businesses, Institutions and Commercial Facilities	DPW Utilities	Monitor changes in Phosphorus levels in local streams	2020
Brochures/Pamphlets	Distribute handout with permit	Developers (construction)	Inspectional Services Dept., and Engineering	Track # distributed with permits	2020

Brochures/Pamphlets	Mail pollution prevention brochure to industrial facilities	Industrial Facilities	DPW Utilities	Report # mailed	2022
Special Events/Festivals/Fairs	"Scoop the Poop" campaign. Distribute pet waste bag dispensers to dog owners with informational flyer	Residents	DPW Utilities and Health Dept.	Track # distributed	2018
Brochures/Pamphlets	Distribute pet waste education at issuance or renewal of dog licenses	Residents	City Clerk's Office and DPW	Track # distributed with dog licenses	2019
Brochures/Pamphlets	Distribute maintenance info to property owner's with septic systems	Residents	DPW Utilities, Engineering and Health Dept.	Track # distributed	2019
Newspaper Articles/Press Releases	Distribute message on proper disposal of grass clippings and use of phosphorus free fertilizers (every spring)	Residents	DPW Utilities	Report NewtonTab distribution statistics	2019
Web Page	Post information on proper pet waste disposal (summer) through Green Newton and City's social media	Residents	DPW Utilities	Post information. Report distribution statistics.	2019
Web Page	Post information on proper disposal of leaf litter on City's social media and through Green Newton's newsletter (fall)	Residents	DPW Utilities	Post information. Report distribution statistics.	2019

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	DPW Operations	Allow annual review of stormwater management plan and posting of stormwater management plan on website	2019
Public Participation	Public Meeting - Stormwater	DPW and Public Facilities Committee	Allow public to comment on stormwater management plan annually	2019
Public Participation	Hotline/webline - reporting problems/violations	DPW Operations	Track issues reported and resolve promptly	2018
Public Participation	Household haz. waste/used oil collection	DPW Environmental Division	Track HHW collected and removed from household waste stream	2018
Public Participation	Newton Serves	Mayor's Office	Day of community service. Track # of participants.	2018

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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 Imple- mentation
SSO inventory	Develop SSO inventory in accordance of permit conditions	DPW Utilities	Complete within 1 year of effective date of permit	2017
Storm sewer system map	Create map and update during IDDE program completion	DPW Utilities	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit	2018
Written IDDE program	Create written IDDE program	DPW Utilities	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 Utilities	Complete 10 years after effective date of permit	2018
Employee training	Train employees on IDDE implementation	DPW Utilities	Train annually	2019
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	DPW Utilities	Complete 3 years after effective date of permit	2018
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	DPW Utilities	Complete 10 years after effective date of permit	2019
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	DPW Utilities	Complete ongoing outfall screening upon completion of IDDE program	2019
IDDE Plan - Illegal Dumping Program	Follow up with all reports of illegal dumping into storm drains	DPW Operations	Distribute outreach letter to neighborhood affected. Send warning notice to individual or contractor, if proof is available.	2018

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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 Imple- mentation
Site inspection and enforcement of Erosion and Sediment Control (ESC) measures	Complete written procedures of site inspections and enforcement procedures	Engineering	Complete within 1 year of the effective date of permit	2019
Site plan review	Complete written procedures of site plan review and begin implementation	Engineering	Complete within 1 year of the effective date of permit	2019
Erosion and Sediment Control	Adoption of requirements for construction operators to implement a sediment and erosion control program	Engineering and Planning Dept	Complete within 1 year of the effective date of permit	2019
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	Inspectional Services Dept. and Engineering	Complete within 1 year of the effective date of permit	2019
Construction Inspector Training	Provide training to inspectors on NPDES and ESC measures	DPW Operations	Complete within 2 years of the effective date of the permit	2020

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 Imple- mentation
As-built plans for on-site stormwater control	The procedures to require submission of as- require submission of as- built drawings and ensure long term Engineering operation and co maintenance will be a part of the SWMP		Require submission of as-built plans for completed projects	2018
Target properties to reduce impervious areas	Identify at least 5 permittee-owned properties that could be modified or retrofitted with BMPs to reduce impervious areas and update annually	Engineering and DPW Utilities	Complete 4 years after effective date of permit and report annually on retrofitted properties	2019
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	Planning Dept., Engineering and DPW Utilities	Complete 4 years after effective date of permit and implement recommendations of report	2020
Street design and parking lot guidelines	Develop a report assessing requirements that affect the creation of impervious cover. The assessment will help determine if changes to design standards for streets and parking lots can be modified to support low impact design options.	Planning Dept, DPW Transportation, Engineering	Complete 4 years after effective date of permit and implement recommendations of report	2018

City of Newton			F	Page 14 of 21
Ensure any stormwater controls or management practices for new development and redevelopment meet the retention or treatment requirements of the permit and all applicable requirements of the Massachusetts Stormwater Handbook	Adoption, amendment, or modification of a regulatory mechanism to meet permit requirements	Engineering / DPW and Planning Dept.	Complete 2 years after effective date of permit	2018
Post-Construction Ordinance/Bylaw	Amend existing ordinance and/or design standards to meet phosphorus removal requirements per Part 2.3.6.a.ii and Appendix H	Engineering / DPW and Planning Dept.	Complete 2 years after effective date of permit	2019

Page 15 of 21

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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	BMP Description Responsible Department/Parties (enter your own text to override the drop down menu)		Beginning Year of BMP Imple- mentation	
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	Public Buildings, DPW and Parks & Recreation	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 Utilities, Parks & Recreation and Public Buildings	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 Operations	Complete 2 years after effective date of permit	2018	
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	DPW Utilities	Complete and implement 2 years after effective date of permit	2018	
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 Utilities	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually	2019	
Street sweeping program	Sweep all streets and permitee-owned parking lots in accordance with permit conditions	DPW Highway	Sweep all streets and permitee-owned parking lots once per year in the spring	2018	
Road salt use optimization program	Establish and implement a program to minimize the use of road salt	DPW Highway	Implement salt use optimization during deicing season	2017	

Inspections and maintenance of stormwater treatment structures	Establish and implement inspection and maintenance procedures and frequencies	DPW Utilities and Engineering	Inspect and maintain treatment structures annually	2019
Employee Training - General Stormwater Topics	Provide training to employees on Oil SPCC plans, SWPPP and Good housekeeping	DPW Utilities	Conduct 2 training workshops over the permit term	2018
Installation of BMP Retrofits for Water Quality	Review all school and public building projects for stormwater best management practices	Public Buildings Dept. and Engineering	Review projects and note stormwater BMPs implemented	2019

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	Responsible Department/Parties (enter your own text to override the drop down menu)	
Lower Charles River (Phosphorus)	Adhere to requirements in part A.I of Appendix F	DPW Operations	
Upper/Middle Charles River (Phosphorus)	Adhere to requirements in part A.I of Appendix F	DPW Operations	
Charles River Watershed (Bacteria/Pathogen)	Adhere to requirements in part A.III of Appendix F	DPW Operations	

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	Responsible Department/Parties (enter your own text to override the drop down menu)
Phosphorus	MA 72-07, MA 72-23, MA 72-24, MA 72-29 and MA 72-36	Adhere to requirements in part II of Appendix H	DPW Operations
Pathogens	MA 72-07, MA 72-23, MA 72-24, MA 72-29 and MA 72-36	Adhere to requirements in part III of Appendix H	DPW Operations
Chloride	MA 72-23	Adhere to requirements in part IV of Appendix H	DPW Operations

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

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:	Ruthanne Fuller	Title:	Mayor
Signature:		Date:	

[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

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

Save

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