Notice of Intent (NOI) for coverage under Small MS4 General Permit $\,^{\rm Page\,1\,of\,22}$

<u> Part I: (</u>	<u>General Conc</u>	<u>litions</u>							
Gener	al Information	on	•						•
Name o	f Municipality o	or Organization:	Town of Natic	(State:	ИΑ
EPA NPI	DES Permit Nun	nber (if applicable	e): MAR041139	, , , , , , , , , , , , , , , , , , , 					
Primai	ry MS4 Prog	ram Manager	Contact Inf	ormati	on				
Name:	William McDov	well		Title:	Town Eng	ineer	·.		
Street A	ddress Line 1:	75 West Street		<u></u>					·
Street A	ddress Line 2:								
City:	Natick				State:	МА	Zip Code:	01760	
Email:	wmcdowell@n	atickma.org		Phone	Number: (508) 647-655	i1		•
Fax Nun	nber: (508) 64	7-6560		-	_				
Other i	Information								
(web ad Eligibi l Endangd National	ddress or physical lity Determi ered Species Ac l Historic Preser	t (ESA) Determin vation Act (NHPA	completed): Lation Complet	n Compl	<u> </u>	the 2003 M	Eligibility Criteri (check all that a Eligibility Criteri (check all that ap S4 General Permit	oply): a oply):	A □ B ☑ C A □ B □ C
MS4 In	frastructure	(if covered under th	ne 2003 permit)						
		Outfall Map Com rt B.3.(a.) of 2003 p					ements not met, e pletion (MM/DD/		:
		4 map is publishe	Danarca	py is atta	ched.				·
or paper co	py of the outfall maj	p must be included wit or submission options)	h		*.		· · · · · · · · · · · · · · · · · · ·		
Regula	itory Author	ities (if covered un	der the 2003 perm	ilt)					· · ·
		tion and Elimina t B.3.(b.) of 2003 p		ıthority	Adopted?	Yes	Effective Date of Date of Adoption		205/01/06 I
		and Sediment Co B.4.(a.) of 2003 pe		uthority	Adopted?	Yes	Effective Date of Date of Adoptio		1015/011/06
		rmwater Manag t B.5.(a.) of 2003 p		ed?		Yes	Effective Date or Date of Adoptio	•	1115/111/06

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

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

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/	Nitrogen	Oil & Grease/ PAH	surodqsodq Solids/ TSS/	Turbidity	E, coli Enterococcus	Other pollutant(s) causing impairments
Lake Cochituate (MA82020, MA82125, MA82126, MA82127)	16								Eurasian Water Milfoll, Myriophyllum spicatum, PCB in fish tissue, non-native aquatic plants
Fisk Pond (MA82038)	14								Non-native aquatic plants
Jennings Pond (MA72053)	11								
Charles River (South Natick Dam to Needham/Natick border, MA72-05, MA72-06)	19					_ ⊠			Non-native aquatic plants, aquatic microinvertebrate bioassessments, chlordane, DDT, excess algal growth, mercury in fish tissue, nutrient/eutrophication biological indicators, Eurasian Water Milfoil, Myriophyllum spicatum, PCB in fish tissue
Dug Pond (MA72034)	14							Н	Non-native aquatic plants
Nonesuch Pond (MA72085)	7							片	Non-native aquatic plants
Morses Pond (MA72079)	1								Eurasian Water Milfoil, Myriophyllum spicatum
Beaverdam Brook	22							片	
Davis Brook	٤1							片	
Indian Brook	20							片	
Course Brook	4							片	
Unnamed Pond East of Lake Cochituate (42.30273, -71.35901)	4								
Unnamed Pond North of Nonesuch Pond (42.32938, -71.33215)	7								
Unnamed Pond South of Mud Pond Stream (42.29613, -71.34276)	7							 	
Unnamed Tributary South of Nonesuch Pond (42.31797, -71.34336)	9								
Wetlands near Mud Pond Stream (42.31223, -71.33795)	15								

Page 3 of 22 Other pollutant(s) causing impairments Enterococcus ilos .a Turbidity /SST /sbiloS Phosphorus Oil & Grease/ PAH Nitrogen noitsrute2 OO Dissolved Oxygen/ Chlorophyll-a Chloride receiving water outfalls into Number of segment m S 9 9 4 2 4 S ~ α ~ Waterbody segment that receives flow from the MS4 Unnamed Waterbody South of Beaverdam Brook Unnamed Waterbody East of Lake Cochituate Unnamed Wetlands South of Nonesuch Pond Unnamed Wetland West of Lake Cochituate Unnamed Waterbody North of Davis Brook Unnamed Wetland North of Bogle Brook Unnamed Tributary to Beaverdam Brook Unnamed Tributary to Sudbury River Unnamed Tributary to Charles River Unnamed Wetlands to Charles River Unnamed Tributary to Davis Brook Unnamed Wetland to Davis Brook Unnamed Wetland to Indian Brook (42.26177, -71.34771) (42.28519, -71.32988) (42.27528, -71.39036) (42.32035, -71.33714) (42,25781, -71,33494) (42.27960, -71.37812) (42.27563, -71.33105) (42.31310, -71.33062) (42.26960, -71.33531) (42.25511, -71.34768) (42,30765, -71,38342) (42,27690, -71,31343) (42.29586, -71.38463) **Bogle Brook** Snake Brook Town of Natick

N

Unnamed Wetlands West of Mud Pond Stream

(42.31242, -71.35447)

(42,26968, -71,36741)

Unnamed Wetlands to Indian Brook

Town of Natick Click to lengthen table

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

MCM 1: Public Education and Outreach

1					Beginning
BMP Description	_	Targeted Audience	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal	Year of BMP Imple- mentation
Publish outreach materials; Incorporate stormwater alerts into Water Smart system; Distribute New Resident Packets within Wetland Protection Areas; Distribute pet waste	ţ		Engineering Division, Sustainability Coordinator, FIDO of Natick, Inc., i	Distribute at least two educational messages within the permit term (5 Years)	2019
Publish outreach materials, Distribute information to septic maintenance contractors, Include information in permit application materials	8.5	Institutions and Facilities	Engineering Division, Board of Health, Community Development	Distribute at least two educational messages within the permit term (5 Years)	2019
Publish outreach materials; Attach stormwater outreach materials as appendix to building and site plan review permit applications	.	(construction)	Engineering Division, Community Development	Distribute at least two educational messages within the permit term (5 Years)	2019

Page 6 of 22 2019 2019 2019 2019 2019 messages within the permit term (5 Years) messages within the permit term (5 Years) permit term (5 Years) permit term (5 Years) permit term (5 Years) messages within the messages within the messages within the Distribute at least two educational two educational two educational two educational two educational Engineering Division, Community Development Engineering Division **Engineering Division Engineering Division Engineering Division** Businesses, Institutions and Commercial Facilities Developers (construction) Industrial Facilities Industrial Facilities Residents materials available via materials available via materials available via materials available via Stormwater Coalition Stormwater Coalition Stormwater Coalition based on zoning and stormwater website; stormwater website; stormwater website; stormwater website; materials; Distribute from DEP, EPA, and publicly available from DEP, EPA, and publicly available from DEP, EPA, and publicly available from DEP, EPA, and Make stormwater Make stormwater Make stormwater publicly available Make stormwater industrial groups Publish outreach Utilize materials Utilize materials Utilize materials Utilize materials information on Central Mass Central Mass Central Mass Central Mass property use Town of Natick **Brochures/Pamphlets** Web Page Web Page Web Page Web Page

2019

Distribute at least

permit term (5 Years)

Engineering Division, LFNR, Community Development, Parks and Rec two educational messages within the

General Public

boards/signs in parks,

Displays/Posters/Kiosks

Install educational

public open space,

near wetlands, etc.

Stormwater Coalition

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

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, Engineering Division, Facilities Department. Stormwater Manag	Make SWMP available at least annually for public review	2019
Public Participation	Infoline - general stormwater info	Engineering Division	Allow public to comment on stormwater management plan annually	2018
Public Participation	Partnership - Advocacy Groups	Engineering Division, DPW Operations, LFNR, Board of Health, Community Develd	Continue to participate in local stormwater groups/associations	2018
Public Participation	Household haz, waste/used oil collection	Engineering Division, DPW Operations, Board of Health, Conservation Commissio	Continue to host hazardous waste collection days	2018
Public Participation	Cleanups - Roadside/General	Engineering Division, DPW Operations, LFNR, Board of Health, Conservation Com	Continue to host Town clean-up days with various group	2018
Public Participation	Partnership - Advocacy Groups	Engineering Division, Central Massachusetts Stormwater Coalition	Contact annually for outreach materials - Continue to make stormwater postcards available Town Hall and DPW through Central Mass Stormwater Coalition	2019

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)

BMP Description BMP Description Responsible Department/Parties Measurable					Beginning
Develop SSO inventory in accordance of permit completion Create map and update during IDDE program completion Create written IDDE program program mappendit catchment investigations according to program and permit conditions Conduct in accordance with outfall screening procedure and permit conditions Conduct in accordance with outfall screening procedure and permit conditions Conduct in accordance with outfall screening and were weather and weather and were weather and were weather and were weather and were weather and	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)	Year of BMP Imple- mentation
Create map and update during IDDE program Create written IDDE program Implement catchment investigations according to program and permit conditions Train employees on IDDE implementation Conduct in accordance with outfall screening procedure and permit conditions Conduct in accordance with outfall screening procedure and permit conditions Conduct of weather and wet weather and wet weather and wet weather and wet weather according is a necessary) Completion Engineering Division, Consultant Engineering Division, Consultant Engineering Division, Consultant Screening is a necessary)	SSO inventory	Develop SSO inventory in accordance of permit conditions	Engineering Division, Water Division, Sewer Division	Complete within 1 year of effective date of permit	2019
Implement catchment Inceptigations according to program and permit conditions Inceptigations according to program and permit conditions Inceptigations according to program and permit conditions Inceptigations accordance with outfall screening procedure Inceptigations Inceptigation	Storm sewer system map	Create map and update during IDDE program completion	Engineering Division, GIS, Facilities Department, DPW Operations	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit	2019
Implement catchment investigations according to program and permit conditions Conduct in accordance with outfall screening procedure and permit conditions Conduct dry weather and weather and wet weather and wet weather and wet weather and wet weather screening (as necessary)	Written IDDE program	Create written IDDE program	Engineering Division, Consultant	Complete within 1 years of the effective date of permit and update as required	2019
Train employees on IDDE implementation Conduct in accordance with outfall screening procedure and permit conditions Conduct in accordance with outfall screening procedure and wet weather and wet weather screening (as necessary) Conduct dry weather Engineering Division, Consultant Screening (as necessary)	Implement IDDE program	Implement catchment investigations according to program and permit conditions	Engineering Division, Board of Health, Conservation Commission	Complete 10 years after effective date of permit	2019
Conduct in accordance with outfall screening procedure and permit conditions Conduct in accordance with outfall screening procedure and wet weather and wet weather screening (as necessary) Conduct dry weather screening (as necessary)	Employee training	Train employees on IDDE implementation	Engineering Division	Train annually	2018
Conduct in accordance with outfall screening procedure procedure Conduct dry weather and wet weather screening (as necessary)	Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	Engineering Division, Consultant	Conduct in accordance with outfall screening procedure and complete 3 years after effective date of permit	2020
Conduct dry weather and wet weather screening (as necessary)	Conduct weather screening		Engineering Division, Consultant	Conduct in accordance with outfall screening procedure and complete 10 years after effective date of permit	2020
	Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	Engineering Division, Consultant	Complete ongoing outfall screening upon completion of IDDE program	2020

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 Imple- mentation
Site inspection and enforcement of Erosion and Sediment procedures of site Control (ESC) measures end inspections and enforcement procedures of site control (ESC) measures	Complete written procedures of site inspections and enforcement procedures	Conservation Commission, Community Development	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 Division, Planning Board, Conservation Commission, Community De	Production of Site Plan Manual, complete within 1 year of the effective date of permit	2020
Erosion and Sediment Control	Adoption of requirements for construction operators to implement a sediment and erosion control program	Conservation Commission, Planning Board, Community Development	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	Board of Health	Complete within 1 year of the effective date of permit	2019

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

Part III: Stormwater Management Program Summary (continued)

MCM 5: Post-Construction Stormwater Management in New Development and Redevelopment

BMP Categorization (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Imple- mentation
<u> </u>	The procedures to require submission of asbuilt drawings and ensure long term operation and maintenance will be a part of the SWMP	Engineering Division, Conservation Commission, Board of Health, Planning Board	Require submission of as-built plans for completed projects	2018
2 4 4 6 7 .2 3	J buld be fitted uce and	Engineering Division, Consultant, Community Development	Complete 4 years after effective date of permit and report annually on retrofitted properties	2020
1 6 2 4 51 2 6 0	Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist	Engineering Division, Conservation Commission, Planning Board, Board of Health,	Complete 4 years after effective date of permit and implement recommendations of report	2018
	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.	Community Development, Planning Board, Engineering Division	Complete 4 years after effective date of permit and implement recommendations of report	2020

Page 15 of 22 2019 2022 Complete 2 years after effective date of permit Complete 4 years after effective date of permit regulatory mechanism to Fingineering Division, Planning Board, Community Development meet permit Engineering Division, Community Development Adoption, amendment, outreach materials as appendix to building and site plan review permit applications or modification of a Attach stormwater requirements practices for new development and redevelopment meet the retention or treatment requirements of the permit and all applicable requirements of the Massachusetts Ensure any stormwater controls or management Post-Construction Ordinance/Bylaw Stormwater Handbook Town of Natick

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

Part III: Stormwater Management Program Summary (continued)

MCM 6: Municipal Good Housekeeping and Pollution Prevention

BMP Categorization (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP 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	DPW Operations, Facilities Department	Complete and implement 2 years after effective date of permit	2018
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	DPW Operations, Engineering Division, Community Development, GIS,	Complete 2 years after effective date of permit and implement annually	2018
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	DPW Operations, Facilities Department	Complete 2 years after effective date of pernit	2018
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	Engineering Division, DPW Operations, Facilities Department	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 Operations, Facilities Department	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 permitee-owned parking lots in accordance with permit conditions	DPW Operations, Facilities Department	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 saft	DPW Operations, Facilities Department	Implement salt use optimization during deicing season	2018

Page 18 of 22 2018 2018 2018 treatment structures at Inspect and maintain Contact as needed |Engineering Division, DPW Operations, Control Project Staff, Facilities C| | Contact annually least annually DPW Operations, MassDOT District 3 Staff, Engineering Division Engineering Division, DPW Operations, Facilities Department stormwater impacts from maintenance procedures Establish and implement Massachusetts Mosquito District 3 Staff to discuss standing water in catch Control Project Staff to meeting with MassDOT potential BMP retrofits meeting with Central common receiving stormwater system Coordinate annual Coordinate annual that can minimize interconnections, mosquito control discuss potential opportunities for applications and and frequencies inspection and collaborations waters, and basins Inspections and maintenance of stormwater treatment O&M Program (Public BMP Maintenance) O&M Program (Public BMP Maintenance) **Town of Natick** structures

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.

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

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	MA72-05, MA-72-06	Adhere to requirements in part II of Appendix H	DPW Operations, Facilities Department
Enterococcus	MA82125	Adhere to requirements in part III of Appendix H	DPW Operations, Facilities Department
Turbidity	MA72-05	Adhere to requirements in part V of Appendix H	DPW Operations, Facilities Department
	-		

Page 21 of 22

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.

This provide dry additional	mornation about your MS4 program below.	
Attachments:		
Figure: MS4 Outfalls Figure: Outfalls by Watershed		
USFWS Correspondence		
Coordinates listed under unname	nmary of Receiving Waters were selected based on a 100 foot distance from any waters of the U d water segments are based on the NAD 1983 StatePlane Massachusetts FIPS 2001 (US Feet) as latitude/longitude in decimal degrees.	U.S.
Regarding the ESA section 7 cons	ultation, I agree that the MS4 Permit will not adversely affect the Northern Long-eared Bat.	
	eservation Act, under 36 CFR 800, this facility is an existing facility authorized by the previous Postentia Involving subsurface land disturbance less than 1 acre. This MS4 Permit will have "no potentia 36 CFR 800.3(a)(1).	
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Page 22 of 22

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:	MELISSA MANDRE	Title:	Town Administrative
Signature:	To be signed according to Appendix B. Subparagraph B. 11, Standard Conditions	Date:	1.27.18

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 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