Notice of Intent (NOI) for coverage under Small MS4 General Permit $^{Page\ 1\ of\ 21}$

Part I: C	General Conc	<u>litions</u>							
Genera	al Information	on							
Name o	f Municipality c	r Organization:	Town of Westv	vood				State: MA	
EPA NPI	DES Permit Nun	nber (if applicabl	e): MA 041069						
Primar	y MS4 Prog	ram Manageı	Contact Inf	ormati	on				
Name:	Todd Korchin			Title:	Director o	f Public Worl	« S		
Street A	ddress Line 1:	50 Carby Street							
Street A	ddress Line 2:								
City:	Westwood				State:	МА	Zip Code:	02090	
Email:	tkorchin@tow	nhall.westwood.	ma.us	Phone	Number: 7	81-326-8661			_
Fax Nun	nber: 781-320	-1070		1					
Other	Information								
C .		, D (S)M	.						
Stormw	ater Manageme	ent Program (SW	MP) Location (not availa	able)				
Endang	•	nation ct (ESA) Determin	•		lete? Yes		Eligibility Criteri (check all that ap Eligibility Criteri (check all that ap	oply): \square A	□ B
✓ Cł	neck the box if y	our municipality	or organizatio	n was co	vered unde	r the 2003 M	S4 General Permit	•	
MS4 In	frastructure	(if covered under	the 2003 permit)						
Comple (Part II,	III, IV or V, St	ubpart B.3.(a.) o			1	•	ements not met, e pletion (MM/DD/		
lf outfall m or paper co	ap is unavailable or opy of the outfall ma	4 map is publish the internet an election to must be included we for submission option:	onic ith						
		rities (if covered i		rmit)					
Illicit D Adopte		ection and Elim	nination (IDDE	E) Autho	ority	Yes	Effective Date or Date of Adoptio		/): 06/10/15
Constr Adopte		n and Sedimer	nt Control (ES	C) Auth	ority	Yes	Effective Date or Date of Adoptio		/): 06/10/15
		Stormwater Ma ubpart B.5.(a.) o		opted?		Yes	Effective Date or Date of Adoptio		/): 06/10/15

Page 2 of 21

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: 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 April	Oil & Grease/ PAH Phosphorus	\22T\2bilo2	Turbidity	E. coli Enterococcus	Other pollutant(s) causing impairments
Pettee Pond	-		1		_	_	1			
Tributary to Pettee Pond: Mill Brook	31									
Tributary to Pettee Pond: Unnamed Brook	4									
Isolated Wetland (Westland Avenue)	ļ									
Tributary to Mill Brook: Unnamed Brook (Burgess Avenue)	7									
Isolated Wetland (Kingswood Road)	4									
MA73-15 Germany Brook	5									Color, debris, phH high, fecal coliform
Tributary to Germany Brook: Unnamed Brook	3									
Isolated Wetland (Autumn Drive)	3									
Tibutary to Germany Brook: Wetlands	10									
MA73006 Buckmaster Pond (between Pond St and High St)	3									
Tributary to Buckmaster Pond: Unnamed Brook	9									
Tributary to Buckmaster Pond: Crouse Pond	4									
Isolated Wetland (Wessex Drive)	l									
Isolated Wetland (Lanark Drive)	1									
Isolated Wetland (Hartford Street)	2									
MA73021 Lymans Pond	3									
Tributary to Lymans Pond: MA73-23 Plantingfield Brook	5					붜	붜			

l own of Westwood										Page 3 of 21
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	iloɔ .∃	Enterococcus	Other pollutant(s) causing impairments
Tributary to Lymans Pond: Unnamed Brook	3									
Tributary to MA72084 Noannet Pond: Unnamed Brook	2									
Stevens Pond	4									
Tributary to Stevens Pond: MA72084 Rock Meadow Brook	22									
Tributary to Lee Pond: MA72084 Rock Meadow Brook	3									
Isolated Wetland (Conant Road - North)	-									
Isolated Wetland (Conant Road - South)	-									
Isolated Wetland (Longmeadow Drive)	-									
Isolated Wetland (Stonemeadow Drive)	2									
Isolated Wetland (Stevens Circle)	-									
Isolated Wetlands (Far Reach Road - West)	8									
MA72-20 Powissett Brook	2									Combined Biota/Habitat Bioassessments
Isolated Wetland (Westfield Street)	2									
Isolated Wetlands (Far Reach Road - East)	2									
Isolated Wetland (Grove Street - West)	-									
Isolated Wetland (Grove Street - East)	1									
Lowder Brook	7									
Isolated Wetland (Blue Jay Road)	2									
Waterbody segment that receives flow from the MS4	Number of outfalls into receiving water segment	Chloride	Chlorophyll-a Dissolved Oxygen/	DO Saturation Nitrogen	HA9 \easse\ PAH	Phosphorus	Solids/ TSS/ Turbidity	E. coli	Enterococcus	Other pollutant(s) causing impairments
Isolated Wetland (Cardinal Drive)	3									
Isolated Wetland (Laura Lane)	2									
Isolated Wetland (Alcott Lane)	4									
Isolated Wetland (Westdale Road)	2									
			_		_					

Page 4 of 21 Town of Westwood

Isolated Wetland (East Street)	7	
MA73-24 Purgatory Brook	6	
Tributary to Purgatory Brook: Unnamed Brook	9	
Isolated Wetland (Spring Lane)	4	
Isolated Wetland (Smith Drive)	-	
MA73-02 Neponset River	2	Image: Second Coliform of the Color of t
Tributary to Neponset River: Unnamed Brook (University Avenue)	17	
Tributary to Neponset River: Wetlands	2	
Isolated Wetland (Dela Park Road)	_	
Tributary to Rockmeadow Brook: Unnamed Brook (Westchester Drive)	9	
Isolated Wetland (Downey Terrace)	1	
Unnamed Brook (Rosemont Road)	1	
Unnamed Brook (Hawktree Drive)	1	

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.

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 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 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
Newspaper Articles/Press Releases	Mailing, Website, event, phone contact, site visit, and/or other means	Residents	Stormwater Authority/Department of Community and Economic Dev	Town to distribute first educational message to this audience over permit term	2019
Brochures/Pamphlets	Mailing, Website, event, phone contact, site visit, and/or other means	Businesses, Institutions and Commercial Facilities	Stormwater Authority/Department of Community and Economic Dev	Town to distribute first educational message to this audience over permit term	2019
Brochures/Pamphlets	Mailing, Website, event, phone contact, site visit, and/or other means	Developers (construction)	Stormwater Authority/Department of Community and Economic Dev	Town to distribute first educational message to this audience over permit term	2020
Brochures/Pamphlets	Mailing, Website, event, phone contact, site visit, and/or other means	Industrial Facilities	Stormwater Authority/Department of Community and Economic Dev	Town to distribute first educational message to this audience over permit term	2020
School Curricula/Programs	Mailing, Website, event, phone contact, site visit, and/or other means	Residents	Stormwater Authority/ Conservation Agent	Town to distribute first educational message to this audience over permit term	2021

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	Department of Public Works	Allow annual review of stormwater management plan and posting of stormwater management plan on website	2019
Public Participation	Provide an opportunity for the public to comment on the SWMP	Department of Public Works	Allow public to comment on stormwater management plan annually	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 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	Department of Public Works	Complete within 1 year of effective date of permit	2018
Storm sewer system map	Create map and update during IDDE program completion	Department of Public Works	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	Department of Public Works	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	Department of Public Works	Complete 10 years after effective date of permit	2020
Employee training	Train employees on IDDE implementation	Department of Public Works	Train annually	2018
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	Department of Public Works	Complete 3 years after effective date of permit	2019
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	Department of Public Works	Complete 10 years after effective date of permit	2020
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	Department of Public Works	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

Responsible Department/Parties Responsible Department/Parties Measurable (and toor one control c					
Complete written inspections and enforcement procedures of site inspections and enforcement procedures Complete written procedures of site plan implementation Adoption of requirements for construction operators to implement a sediment and erosion control program Adoption of requirements to control wastes, including but not limited materials, concrete truck wash out, chemicals, litter, and sanitary wastes Complete written Adoption of requirements for control wastes, including but not limited materials, concrete truck wash out, chemicals, litter, and sanitary wastes	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
Procedures of site plan Program Adoption of Program Pr	Site inspection and enforcement of Erosion and Sediment Control (ESC) measures	Complete written procedures of site inspections and enforcement procedures	Stormwater Authority/Conservation Commission/Planning Board	Complete within 1 year of the effective date of permit	2018
requirements for construction operators to implement a sediment and erosion control program Adoption of requirements to control wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, itter, and sanitary wastes Adoption of requirements to control wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, itter, and sanitary wastes Adoption of requirements to control requirements to control wastes, including materials, concrete truck wash out, chemicals, itter, and sanitary wastes Adoption of requirements to control requir	Site plan review	Complete written procedures of site plan review and begin implementation	Stormwater Authority/Conservation Commission/Planning Board	Complete within 1 year of the effective date of permit	2018
Adoption of requirements to control wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, litter, and sanitary wastes		Adoption of requirements for construction operators to implement a sediment and erosion control program	Stormwater Authority/Conservation Commission/Planning Board	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	Department of Public Works in collaboration with Conservation Commission	Complete within 1 year of the effective date of permit	2018

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
Troping to the stormwater control to the sto	The procedures to require submission of asbuilt drawings and ensure long term operation and maintenance will be a part of the SWMP	Stormwater Authority/Conservation Commission/Planning Board	Require submission of as-built plans for completed projects	2019
Target properties to reduce impervious areas in in	Identify at least 5 permittee-owned properties that could be modified or retrofitted with BMPs to reduce impervious areas and update annually	Department of Public Works	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	Stormwater Authority/Conservation Commission/Planning Board	Complete 4 years after effective date of permit and implement recommendations of report	2021

Town of Westwood		Page	Page 15 of 21

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 vehicles and equipment	Department of Public Works	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	Department of Public Works	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	Department of Public Works	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	Department of Public Works	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	Department of Public Works	Clean catch basins on established schedule and continue to 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	Department of Public Works	Sweep all streets and permitee-owned parking lots once per year in the spring	2018

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)
Upper/Middle Charles River (Phosphorus)	Adhere to requirements in part A.I of Appendix F	Department of Public Works
Neponset River (Bactria/Pathogen)	Adhere to requirements in part A.III of Appendix F	Department of Public Works
Neponset River Addendum (Bactria/Pathogen)	Adhere to requirements in part A.III of Appendix F	Department of Public Works
Charles River Watershed (Bactria/Pathogen)	Adhere to requirements in part A.III of Appendix F	Department of Public Works

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	Rock Meadow Brook (MA72-21)	Adhere to requirements in part II of Appendix H	Department of Public Works
Fecal Coliform	Purgatory Brook (MA73-24)	Adhere to requirements in part III of Appendix H	Department of Public Works
E. Coli	Purgatory Brook (MA73-24)	Adhere to requirements in part III of Appendix H	Department of Public Works
Phosphorus	Germany Brook (MA73-15)	Adhere to requirements in part II of Appendix H	Department of Public Works
E. Coli	Germany Brook (MA73-15)	Adhere to requirements in part III of Appendix H	Department of Public Works
Fecal Coliform	Germany Brook (MA73-15)	Adhere to requirements in part III of Appendix H	Department of Public Works
Turbidity	Neponset River (MA73-02)	Adhere to requirements in part V of Appendix H	Department of Public Works
E. Coli	Neponset River (MA73-02)	Adhere to requirements in part III of Appendix H	Department of Public Works
Fecal Coliform	Neponset River (MA73-02)	Adhere to requirements in part III of Appendix H	Department of Public Works

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 Town 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.

Page 21 of 21

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:	Michael Jaillet	(signature page mailed)	Title:	Town Administrator
Signature:			Date:	09/17/18

[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

Page 21 of 21

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: Mechael Jaillet

itle:

Town Administrator

Signature:

[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

Westwood, MA

MS4 NOI

September 2018

NOTICE OF INTENT FOR COVERAGE UNDER SMALL MS4 GENERAL PERMIT



MS4 NOI

Westwood, MA

NOTICE OF INTENT FOR COVERAGE UNDER SMALL MS4 GENERAL PERMIT

Prepared by: BETA GROUP, INC.
Prepared for: Town of Westwood

September 2018

TABLE OF CONTENTS

- I. Notice of Intent
- II. Attachment 1: Endangered Species Act Determination Letter
- III. Attachment 2: MS4 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

