Part I: General Conditions

Genera	l Information									
Name of	Municipality or Orga	anization: Town of	Hanson				State:	MA		
EPA NPD	ES Permit Number (i	if applicable): MA04	41037							
Primary MS4 Program Manager Contact Information										
Name:	Robert Brown		Title:	Town High	way Surveyor					
Street Ad	dress Line 1: 797 Ir	ndian Head Street								
Street Address Line 2:										
City:	Hanson			State:	MA	Zip Code:	02341			
Email:	brown@hanson-ma	ı.gov	Phone N	lumber: (7	81) 293-2822					
Fax Numl	ber: (781) 293-5763	3								
Other Ir	nformation									
	_	ogram (SWMP) Location, if already complete								
Eligibili	ty Determinatio	on								
Endanger	red Species Act (ESA	N) Determination Co	mplete? Yes			ligibility Criteria heck all that ap		_ A _ B ⊠	C	
National I	Historic Preservation	n Act (NHPA) Determ	nination Comple	ete? Yes	E	ligibility Criteria heck all that ap) [⊠ A □ B □	C	
✓ Che	eck the box if your m	nunicipality or organ	ization was cov	ered under	the 2003 MS4	General Permit				
MS4 Inf	rastructure (if cov	vered under the 2003 per	mit)							
	d Percent of Outfal IV or V, Subpart B.3.(a		100%			ents not met, er etion (MM/DD/Y				
Web addr	ess where MS4 map		C Attack	- d						
or paper copy	o is unavailable on the inte y of the outfall map must b on (see section V for subm	be included with	per Copy Attach	ea						
Regulat	ory Authorities	(if covered under the 200	03 permit)							
	charge Detection a IV or V, Subpart B.3.(l	nd Elimination (IDI b.) of 2003 permit)	DE) Authority A	dopted?	IYAC	ffective Date or ate of Adoption		110/06/1/		
	tion/Erosion and S o V or V, Subpart B.4.(a.	ediment Control (E a.) of 2003 permit)	SC) Authority A	Adopted?	IVAC I	fective Date or ate of Adoption		11/1/06/1/		
	nstruction Stormwa IV or V, Subpart B.5.(a	ater Management A a.) of 2003 permit)	Adopted?		IVAC I	fective Date or ate of Adoption		110706717		

Town of Hanson 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	Oil & Grease/ PAH	Phosphorus	Solids/ TSS/ Turbidity	E. coli	Enterococcus	Other pollutant(s) causing impairments
Factory Pond (MA94175)	1										Mercury in Fish Tissue
Indian Head Brook	14										
Indian Head River (MA94-04)	5			\boxtimes							Mercury in Fish Tissue
Maquan Pond (MA94096)	2										
Monponsett Pond (MA62119)	1										Excess Algal Growth, Non-Native Aquatic Plants, Secchi Disk Transparency
Oldham Pond (MA94114)	1										Non-Native Aquatic Plants
Poor Meadow Brook (MA62-34)	3										
Wampatuck Pond (MA94168)	1				×		\boxtimes				Chlorophyll-a, Excess Algal Growth, Non-Native Aquatic Plants, Secchi Disk Transparency
White Oak Brook	7										
Unnamed Cranberry Bog near Indian Head Pond (42.05289, -70.85523)	2										
Unnamed Cranberry Bog to Chaffin Reservoir (42.02333, -70.84123)	4										
Unnamed Tributary near Indian Head Pond (42.04249, -70.84483)	1										
Unnamed Tributary near White Oak Reservoir (42.03207, -70.84237)	4										
Unnamed Tributary to Factory Pond (42.08819, -70.87806)	5										
Unnamed Tributary to Factory Pond (42.08543, -70.87854)	3										
Unnamed Tributary to Factory Pond (42.0827, -70.87678)	1										

Town of Hanson											Page 3 of 21
Unnamed Tributary to Indian Head Brook (42.08694, -70.85573)	3										
Unnamed Tributary to Indian Head Brook (42.08664, -70.85905)	1										
Waterbody segment that receives flow from the MS4	Number of outfalls into receiving water segment	Chlorid	Chlorophyll-a	Dissolved Oxygen/ DO Saturation	Nitrogen	Oil & Grease/ PAH	Phosphorus	Solids/ TSS/ Turbidity	E. coli	Enterococcus	Other pollutant(s) causing impairments
Unnamed Tributary to Indian Head Brook (42.08336, -70.86425)	1										
Unnamed Tributary to Indian Head Pond (42.04535, -70.85642)	4										
Unnamed Tributary to Monponsett Pond (42.02304, -70.84359)	1										
Unnamed Tributary to Monponsett Pond (42.02434, -70.84234)	1										
Unnamed Tributary to Monponsett Pond (42.01748, -70.84546)	2										
Unnamed Tributary to Oldham Pond (42.07483, -70.84548)	9										
Unnamed Tributary to Oldham Pond (42.07022, -70.84674)	3										
Unnamed Tributary to White Oak Reservoir (42.03405, -70.84867)	2										
Unnamed Wetlands near Indian Head Brook (42.07903, -70.86212)	4										
Unnamed Wetlands near Indian Head Brook (42.0761, -70.86482)	1										
Unnamed Wetlands near Indian Head Pond (42.04325, -70.84667)	1										
Unnamed Wetlands near Rocky Run (42.08304, -70.84531)	3										
Unnamed Wetlands near Wampatuck Pond (42.0666, -70.87014)	2										
Unnamed Wetlands near Wampatuck Pond (42.05743, -70.8616)	3										
Unnamed Wetlands near White Oak Brook (42.03843, -70.84334)	2										
Unnamed Wetlands near White Oak Reservoir (42.03084, -70.8578)	1										
Unnamed Wetlands to Burrage Pond (42.03735, -70.8644)	4										

Unnamed Wetlands to Burrage Pond	2									
(42.03987, -70.86351)	2									
Waterbody segment that receives flow from the MS4	Number of outfalls into receiving water segment	Chloride	Dissolved Oxygen/ DO Saturation	Nitrogen	Oil & Grease/ PAH	Phosphorus	Solids/ TSS/ Turbidity	E. coli	Enterococcus	Other pollutant(s) causing impairments
Unnamed Wetlands to Burrage Pond (42.03978, -70.86807)	7									
Unnamed Wetlands to Burrage Pond (42.03928, -70.86626)	1									
Unnamed Wetlands to Indian Head Brook (42.07718, -70.86222)	2									
Unnamed Wetlands to Unnamed Tributary to French Stream (42.08547, -70.90088)	1									
Unnamed Wetlands to White Oak Brook (42.03909, -70.84961)	2									
Unnamed Wetlands to White Oak Brook (42.03325, -70.85696)	1									
Unnamed Wetlands to White Oak Brook (42.02062, -70.85056)	1									
		П	П		_	П				

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 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
Brochures/Pamphlets	Publish outreach materials; Distribute New Resident Packets within Wetland Protection Areas; Distribute pet waste control information; Install educational signs in public open spaces; Continue storm drain stenciling program	Residents	Highway Department	Distribute at least two educational messages within the permit term (5 Years)	2018
Brochures/Pamphlets	Publish outreach materials; Distribute information to septic maintenance contractors; Include information in permit application materials	Businesses, Institutions and Commercial Facilities	Highway Department, Board of Health	Distribute at least two educational messages within the permit term (5 Years)	2018
Brochures/Pamphlets	Publish outreach materials; Attach stormwater outreach materials as appendix to building and site plan review permit applications	Developers (construction)	Highway Dept, Planning, ConCom, BOH, Building Dept, IT Dept	Distribute at least two educational messages within the permit term (5 Years)	2018

Page 6 of 21 Publish outreach materials; Distribute Distribute at least information on two educational Brochures/Pamphlets Industrial Facilities Highway Department, Planning Board, Building Department 2018 industrial groups messages within the based on zoning and permit term (5 Years) property use Develop stormwater website; Develop stormwater-specific social media account; Consider creating Resident Stormwater Create/continue to Web Page Highway Dept, Planning, ConCom, BOH, Building Dept, IT Dept 2018 Alert System; Utilize maintain Residents materials publicly stormwater website available from DEP, EPA, and North & South Rivers Watershed Associations Develop stormwater website; Develop stormwater-specific social media account; Utilize materials Create/continue to publicly available Businesses, Institutions and Commercial Facilities 2018 Web Page IT Department, Highway Department maintain from DEP, EPA, and stormwater website North & South Rivers Watershed Associations Watershed Associations Develop stormwater website; Utilize materials publicly available from DEP, Create/continue to EPA, and North & IT Dept., Highway Dept., Planning Board, Building Dept. Web Page 2018 Developers (construction) maintain South Rivers stormwater website Watershed Associations Watershed Associations

Town of Hanson					Page 7 of 21
Web Page	Develop stormwater website; Utilize materials publicly available from DEP, EPA, and North & South Rivers Watershed Associations Watershed Associations	Industrial Facilities	IT Department, Highway Department	Create/continue to maintain stormwater website	2018

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

Page 8 of 21

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	Highway Department	Allow annual review of stormwater management plan and posting of stormwater management plan on website	2018
Public Participation	SWMP Review	Highway Department	Allow public to comment on stormwater management plan annually	2018
Public Participation	Cleanups - Shoreline/Waterbody	Highway Department	Continue to conduct Green Up Clean Up community cleanup event biannually	2018

Town of Hanson		Page 9 of 21
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Page 10 of 21

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	Highway Department	Complete within 1 year of effective date of permit	2018
Storm sewer system map	Create map and update during IDDE program completion	Highway Department	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	Highway Department, Planning Board, Board of Health	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	Highway Department, Board of Health	Complete 10 years after effective date of permit	2018
Employee training	Train employees on IDDE implementation	Highway Department	Train annually	2018
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	Highway Department	Complete 3 years after effective date of permit	2018
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	Highway Department	Complete 10 years after effective date of permit	2018
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	Highway Department	Complete ongoing outfall screening upon completion of IDDE program	2018
IDDE Regulations	Comply with local bylaws, state and federal requirements	Highway Department, Planning Board, Board of Health, Conservation Co	Continue to eliminate illicit discharge violations	2018

Town of Hanson	To the second se	Page 11 of 21

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

Page 12 of 21

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	Building Permitting and Enforcement, Conservation Commission	Complete within 1 year of the effective date of permit	2018
Site plan review	Complete written procedures of site plan review and begin implementation	Planning Board	Complete within 1 year of the effective date of permit	2018
Erosion and Sediment Control	Adoption of requirements for construction operators to implement a sediment and erosion control program	Highway Department, Planning Board, Conservation Commission	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	Highway Dept., Conservation Commission, Board of Health, Bullding Dept.	Complete within 1 year of the effective date of permit	2018
Pre-Construction/Coordination Meetings	Improved as-built review	Building Department, Planning Board	Continue GIS mapping and develop protocol for submitting as-builts electronically	2018

Town of Hanson			Page 13 of 2
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Part III: Stormwater Management Program Summary (continued)

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

BMP Categorization (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Imple- mentation
As-built plans for on-site stormwater control	The procedures to require submission of asbuilt drawings and ensure long term operation and maintenance will be a part of the SWMP	Hwy Dept, Planning, ConCom, BOH, Building Dept, Zoning Board of Appeals	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	Hwy Dept, Planning, ConCom, BOH, Building Dept, Zoning Board of Appeal	Complete 4 years after effective date of permit and report annually on retrofitted properties	2018
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	Highway Dept, Planning Board, ConCom, Zoning Board of Appeals	Complete 4 years after effective date of permit and implement recommendations of report	2018
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.	Highway Dept, Planning Board, ConCom, Zoning Board of Appeals	Complete 4 years after effective date of permit and implement recommendations of report	2018

Ensure any stormwater controls or management	Adoption, amendment,		1	age 15 of
oractices for new development and redevelopment meet the retention or treatment requirements of the permit and all applicable requirements of the Massachusetts Stormwater Handbook	or modification of a regulatory mechanism to meet permit requirements	Highway Department, Planning Board	Complete 2 years after effective date of permit	2018
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Page 16 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	Highway Department, Conservation Commission, Planning Board	Complete and implement 2 years after effective date of permit	
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	Highway Department, Conservation Commission, Planning Board	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	Highway Department	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	Highway Department, Board of Health	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	Highway 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	Highway 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 salt	Highway Department	Implement salt use optimization during deicing season	2018

Town of Hanson			Page	e 17 c
Inspections and maintenance of stormwater treatment structures	Establish and implement inspection and maintenance procedures and frequencies	Highway Department	Inspect and maintain	2018
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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.**

Action Description	Responsible Department/Parties (enter your own text to override the drop down menu)
Adhere to requirements in part A.III of Appendix F	Highway Department, Board of Health, Conservation Commission
Adhere to requirements in part A.III of Appendix F	Highway Department, Board of Health, Conservation Commission

Town of Hanson Page 19 of 21 Notice of Intent (NOI) for coverage under Small MS4 General Permit

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	MA94-04, MA94168, MA62119	Adhere to requirements in part II of Appendix H	Highway Department, Board of Health
Fecal Coliform	MA62-33	Adhere to requirements in part III of Appendix H	Highway Department, Board of Health
		Adhere to requirements in part I of Appendix H	
		Adhere to requirements in part I of Appendix H	
		Adhere to requirements in part I of Appendix H	

Page 20 of 21

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.

Attachments: Figure: MS4 Outfalls Figure: Outfalls by Watershed USFWS Correspondence
The outfalls included in Part II: Summary of Receiving Waters were selected based on a 100 foot distance from any waters of the U.S. Coordinates listed under unnamed water segments are based on the NAD 1983 StatePlane Massachusetts FIPS 2001 (US Feet) Coordinate System, and are listed as latitude/longitude in decimal degrees.
Regarding the ESA section 7 consultation, I agree that the MS4 Permit will not adversely affect the Northern Long-eared Bat.
Regarding the National Historic Preservation Act, under 36 CFR 800, this facility is an existing facility authorized by the previous Permit, and is not undertaking any activity involving subsurface land disturbance less than 1 acre. This MS4 Permit will have "no potential to cause effects," in accordance with 36 CFR 800.3(a)(1).

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 W. McCue	Title:	Town Administrator
Signature:	To be signed according to Appendix B, Subparagraph B.11, Standard Conditions	Date:	25SEP18
Note: When	prompted during signing, save the document under a	new file nar	ne