Part I: General Conditions **General Information** State: NH Name of Municipality or Organization: Town of Sandown, New Hampshire EPA NPDES Permit Number (if applicable): NHR041000 **Primary MS4 Program Manager Contact Information** Should be same as person certifying in Part V Title: Name: Street Address Line 1: 320 Main Street Street Address Line 2: Zip Code: State: NH 03873 City: Sandown Phone Number: (603) 887-3646 Email: Fax Number: **Other Information** Stormwater Management Program (SWMP) Location Located at the Town Hall address above. (web address or physical location, if already completed): **Eligibility Determination** Eligibility Criteria \square A \square B \boxtimes C Endangered Species Act (ESA) Determination Complete? Yes (check all that apply): Eligibility Criteria □ A □ B □ C □ D National Historic Preservation Act (NHPA) Determination Complete? Yes (check all that apply): Check the box if your municipality or organization was covered under the 2003 MS4 General Permit V MS4 Infrastructure (if covered under the 2003 permit) If 100% of 2003 requirements not met, enter an **Estimated Percent of Outfall Map Complete?** 06/30/19 90% estimated date of completion (MM/DD/YY): (Part II, III, IV or V, Subpart B.3.(a.) of 2003 permit) Web address where MS4 map is published: Outfall map is available on the town website at . A printed copy is available at the If outfall map is unavailable on the internet an electronic Sandown Town Hall at 320 Main Street. or paper copy of the outfall map must be included with NOI submission (see section V for submission options) Regulatory Authorities (if covered under the 2003 permit) Illicit Discharge Detection and Elimination (IDDE) Authority Adopted? Effective Date or Estimated 06/30/19 No Date of Adoption (MM/DD/YY): (Part II, III, IV or V, Subpart B.3.(b.) of 2003 permit) Effective Date or Estimated Construction/Erosion and Sediment Control (ESC) Authority Adopted? 10/17/17 Yes Date of Adoption (MM/DD/YY): (Part II, III, IV or V, Subpart B.4.(a.) of 2003 permit)

Post-Construction Stormwater Management Adopted?

(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)

Effective Date or Estimated

Date of Adoption (MM/DD/YY):

Yes

10/17/17

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Part II: Summary of Receiving Waters

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

New Hampshire list of impaired waters: http://des.nh.gov/organization/divisions/water/wmb/swqa/

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 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
NHLAK600030802-02 Lilly Pond											Mercury, pH
NHLAK600030802-03-01 Phillips Pond	6		\boxtimes				\boxtimes				Cyanobacteria, Mercury, pH, non-native aquatic plants
NHLAK600030802-03-02 Phillips Pond-Seeley Town Beach											Cyanobacteria, Mercury, non-native aquatic plants
NHLAK600030802-04 Showell Pond			\boxtimes				\boxtimes				Cyanobacteria, Mercury, pH, non-native aquatic plants
NHLAK700061403-01-01 Angle Pond	5		\boxtimes				\boxtimes				Cyanobacteria, Mercury, pH
NHRIV600030802-03 Exeter River	1										Mercury, pH, non-native aquatic plants
NHRIV600030802-10 Towle Brook to Pandolpin Dam									\boxtimes		Mercury
NHRIV600030802-16 Unnamed Brook to southwest inlet of Phillips Pond											Mercury, pH
NHRIV700061403-05 Bartlett Brook-Colby Brook-Unnamed Brook				\boxtimes							Mercury, pH
NHRIV700061403-21 Unnamed Brook to Angle Pond at north inlet											Mercury, pH
NHRIV700061403-22Unnamed Brook to Angle Pond at west inlet											Mercury pH
See Note 1 in Section IV											

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 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
Various delivery methods	Use outreach materials and guidance to implement outreach for relevant impairments (for example materials developed by the NH Seacoast Stormwater Coalition).	Residents - 2 Varied Messages will be o	Town Administrator	To be determined. Examples: 1) Increased awareness of proper fertilizer use. 2) Increased awareness of pet waste impacts to water quality. 3) Increased awareness of yard waste impacts to water quality. 4) Increased septic system testing.	Year 1
Various delivery methods	2 Varied Messages. Use outreach materials and guidance to implement outreach for relevant impairments (for example materials developed by the NH	Businesses, Institutions and Commercial Facilities - 2 Varied Messages will be delivered	Town Administrator	To be determined.	Year 1
	Seacoast Stormwater Coalition).				

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/arious delivery methods	2 Varied Messages. Use outreach materials and guidance to implement outreach for relevant impairments (for example materials developed by the NH Seacoast Stormwater Coalition).	Developers (construction) - 2 Varied Messages will be delivered	Town Administrator	To be determined.	Year 2
/arious delivery methods	2 Varied Messages. Use outreach materials and guidance to implement outreach for relevant impairments (for example materials developed by the NH Seacoast Stormwater Coalition).	Industrial - 2 Varied Messages will be delivered	Town Administrator	To be determined.	
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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	Make SWMP and annual reports available for public review.	Town Administrator or Select Board	Annual review of stormwater management plan; post SWMP on website, a printed copy is available at town hall for public comment	Year 2
Public Participation	Implement 1 or more public participation events/activities annually	Town Administrator or Select Board	Public participation event(s) conducted	Year 2
Public Participation	Annual Reporting	Town Administrator or Select Board	Annual reporting of public participation activity(ies) and public review/ comment on SWMP	Year 2

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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)
Sanitary Sewer Overflow (SSO) inventory (not applicable)	Town has no SSO infrastructure		
Storm sewer system map (not applicable)	Town has no Storm Sewer infrastructure		
Written Illicit Discharge and Detection Elimination (IDDE) program development	Create written IDDE program	Public Works Department or Select Board	Complete within 1 year of the effective date of permit and update as required under sections 2.3.4.6-11
Implement IDDE program	Implement catchment investigations according to program and permit conditions	Public Works Department or Select Board	Complete 10 years after effective date of permit
Implement employee training	Train employees in IDDE program implementation	Public Works Department or Select Board	Provide training annually
Conduct dry weather outfall screening and sampling	Conduct in accordance with outfall screening procedure and permit conditions in section 2.3.4.7.b	Public Works Department or Select Board	Complete 3 years after effective date of permit, update annually and based on results of dry weather screening
Conduct wet weather outfall screening and sampling	Conduct in accordance with outfall screening procedures in in section 2.3.4.7.b	Public Works Department or Select Board	Complete 10 years after effective date of permit
Ongoing outfall screening and sampling	Conduct dry weather and wet weather screening (as necessary)	Public Works Department or Select Board	Complete ongoing outfall screening on completion of IDDE program

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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)
Implement site inspection and enforcement of erosion and sediment (ESC) control measures	Enact ESC Regulations	Planning Board through a public hearing process	Complete within 1 year of the effective date of permit
Prepare Written Procedures for Site Plan Review	Document procedures in regulations and begin implementation	Planning Board through a public hearing process	Complete within 1 year of the effective date of permit
Erosion and Sediment Control	Enact requirements for construction operators to implement a sediment and erosion control program and plan	Planning Board through a public hearing process	Complete within 1 year of the effective date of permit
Construction and Site Waste Controls	Enact requirements to control wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, litter, and sanitary wastes	Planning Board through a public hearing process	Complete within 1 year of the effective date of permit

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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)
As-built plans for on-site stormwater controls	Enact procedures to require submission of as-built plans and ensure long term operations and maintenance as part of the SWMP	Planning Board through a public hearing process, Building Department	Require submission of as-built plans for completed projects.
Target properties for reduction in impervious cover	Complete an inventory and priority ranking of permitee-owned property and existing infrastructure that could be retrofitted with BMPs designed to reduce the frequency, volume and pollutant loads of stormwater discharges to its MS4 through the mitigation of impervious area	Town Engineer/ Public Works Department/ Road Agent/Facilities Managers	Complete 4 years after effective date of permit and report annually on retrofitted properties
Determine feasibility and allow for green infrastructure implementation	Report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist	Planning Board (lead), assistance from Town Enginer, Conservation Commission	Complete 4 years after effective date of permit and implement recomendations of report
Street design and parking lot guidelines	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 Board (lead) with assistance from Town Engineer or consultant	Complete 4 years after effective date of permit and implement recommendations of report

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Ensure stormwater controls or management practices for new development and redevelopment meet the retention and treatment requirements of the permit and consistent with the Southeast Watershed Alliance Model Stormwater Standards for Coastal Watershed Communities (as amended)	Adoption, amendment or modification of a regulatory mechanism to meet permit requirements.	Planning Board/Town Engineer through a public hearing process	Complete 2 years after effective date of permit						

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
Operation and Maintenance (O&M) Procedures	Create written O&M procedures including all requirements contained in section 2.3.7.1 for parks and open spaces, buildings and facilities, and vehicles and equipment		Complete and implement 2 years after effective date of permit	Year 2
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Prepare inventory	Public Works Department with Town Engineer or consultant	Complete 2 years after effective date of permit and update inventory annually	Year 2
Infrastructure Operations and Maintenance	Establish and record annually implementation of program activities for maintenance, repair and rehabilitation of MS4 stormwater infrastructure	Public Works Department with Town Engineer or consultant	Complete 2 years after effective date of permit	Year 2
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for municipal properties or individual facilities per requirements of section 2.3.7.2	Public Works Department with Town Engineer or consultant	Complete 2 years after effective date of permit	Year 2
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, ensure proper storage of basin cleanings	Public Works Department	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually	Year 1

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Street sweeping program	Sweep all (curbed) streets and permitee- owned parking lots in accordance with permit conditions	Public Works Department	Sweep all streets and permitee-owned parking lots once per year in the spring	Year 1
Road salt use optimization and winter road maintenance program	Establish and implement a program to minimize the use of road salt and evaluate opportunities for use of alternative materials. Use Green SnowPro Program	Public Works Department	Implement salt use optimization program during deicing season	Year 2
Inspections and maintenance of stormwater treatment structures	Establish and implement inspection and maintenance procedures and frequencies	Public Works Department	Inspect and maintain treatment structures at least annually	Year 1

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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**. If submitting a NHDES approved alternative reduction plan, attach and submit it with the NOI.

Applicable TMDL	Action Description	Responsible Department/Parties (enter your own text to override the drop down menu)
NHLAK600030802-04 - Showell Pond (phosphorus)	Adhere to requirements in Part III.1 of Appendix F	Public Works Dept., Consulant , Conservation Commission
NHRIV600030802-03 - Exeter River	Adhere to requirements in Part II.2 of Appendix F	Public Works Dept., Consutlant, Conservation Commission
NHRIV600030802-10 - Towle Brook to Pandolphin Dam	Adhere to requirements in Part II.2 of Appendix F	Public Works Dept., Consutlant, Conservation Commission
NHRIV600030802-03-Exeter River	Adhere to requirements in Part II.1 of Appendix F	Public Works Dept., Consutlant, Conservation Commission
NHRIV600030802-10-Towle Brook	Adhere to requirements in Part II.1 of Appendix F	Public Works Dept., Consutlant, Conservation Commission

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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	NHLAK600030802-03-01-Phillips Pond	Adhere to requirements in part II of Appendix H	Public Works Dept., Consultant, Conservation Commission
	entry deleted	Adhere to requirements in part II of Appendix H	
	entry deleted	Adhere to requirements in part III of Appendix H	
	entry deleted	Adhere to requirements in part III of Appendix H	
Phosphorus	NHLAK700061403-01-01 Angle Pond (phosphorus)	Adhere to requirements in part II of Appendix H	Public Works Dept., Consulant , Conservation Commission
Nitrogen	NHRIV600030802-03 - Exeter River	Adhere to requirements in part I of Appendix H	Public Works Dept., Consultant, Conservation Commission
	8		

Part IV: Notes and additional information

Use the space below to indicate the part(s) of 2.2.2 that you have identified as not applicable to your MS4 and provide all supporting documentation below or attach additional documents if necessary.

Provide any additional information about your MS4 program below.

Note 1: See attached table for complete listing of all waterbodies found within municipal boundaries, impairment status, and listing of each waterbody impairment.
Note 2 - MCM 1 Public Outreach and Education requires a minimum of two messages to the four audiences listed for a total of eight messages over permit term. Additional messaging are required under Appendix H Parts II and III for Water Quality Limited Waterbodies for phosphorus and E.Coli
Note for Part I- MS4 Infrastructure: A draft IDDE ordinance is being reviewed by the Planning Board and will likely be adopted in 2019.

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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 gathered and evaluated 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, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than 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:	Lynne Blaisdell	Title:	Town Administrator
Signature:	Symul Blaisdul To be signed according to Appendix B, Subparagraph B.11, Standard Conditions]	Date:	11/20/18 On - /

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