NHR041021

NOTICE OF INTENT

For Coverage Under the NPDES General Permit for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (MS4s

NEW HAMPSHIRE DEPARTMENT OF Environmental Services

A. Instructions

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.

Submission of this Notice of Intent constitutes notice that the entity named at item B1. of this form intends to be authorized by the NPDES General Permit issued by EPA for storm water discharges from the small municipal separate storm sewer system (MS4), in the location identified at item B2. of this form. Submission of the Notice of Intent also constitutes notice that the party identified at item B1. has read, understands and meets the eligibility conditions of Part I.B. of the NPDES Small MS4 General Permit, agrees to comply with all applicable terms and conditions of the NPDES Small MS4 General Permit, and understands that continued authorization to discharge is contingent on maintaining eligibility for coverage.

In order to be granted coverage, all of the information required on this Notice of Intent form and the separate Storm Water Management Program (SWMP) Implementation Schedule form (Excel Spreadsheet), must be completed. Please read the permit and make sure you comply with all requirements, including the requirement to develop and implement a storm water management program.

B. Applicant Information

1. Small MS4 Operator/Owner Information:

   City of Nashua, New Hampshire
   Name

   229 Main Street
   Mailing Address

   Nashua — City/Town
   New Hampshire — State

   603- 589 - 3560 — Telephone Number
   seymourr@ci.nashua.nh.us — Email (if available)

2. Municipality Name

   City of Nashua
   City/Town

3. Legal Status:

   ☐ Federal ☒ City/Town ☐ State ☐ County ☐ Private

   ☐ Other public entity: _____ Specify Public Entity

4. Other regulated MS4(s) within municipal boundaries:

   New Hampshire DOT

5. Based on the instructions provided in Part I of the NPDES Small MS4 General Permit, have the eligibility criteria for "listed species" and critical habitat been met?

   ☐ yes ☒ pending ☐ no

MUNICIPAL ASSISTANCE UNIT
2003

NOTICE OF INTENT

For Coverage Under the NPDES General Permit for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (MS4s

NEW HAMPSHIRE DEPARTMENT OF Environmental Services

B. Applicant Information (cont.)

6. Based on the instructions provided in Part I of the NPDES Small MS4 General Permit, have the eligibility criteria for protection of historic properties been met?

☐ yes ☒ pending ☐ no

Note: Section C may be duplicated to accommodate a larger list of receiving waters

C. Names of (Presently Known) Receiving Waters (list continues, 1 of 2)

Receiving Water:	No. of Outfalls	Listed as Impaired?	Impairment
Merrimack River (Name)	36 (Number)	☐ Yes ☒ No	(Specify)
Nashua River (Name)	148 (Number)	☐ Yes ☒ No	(Specify)
Lovewell"s Pond (Name)	0 (Number)	☐ Yes ☒ No	(Specify)
Horse Pond (Name)	0 (Number)	☐ Yes ☒ No	(Specify)
Pennichuck Brook (Name)	12 (Number)	☒ Yes ☐ No	Excess algal growth (Specify)
Salmon Brook (Name)	45 (Number)	☐ Yes ☒ No	(Specify)
Bowers Pond (Name)	5 (Number)	☒ Yes ☐ No	Excess algal growth (Specify)
Coburn Pond (Name)	0 (Number)	☐ Yes ☒ No	(Specify)
Cold Brook (Name)	1 (Number)	☐ Yes ☒ No	(Specify)
Colerain Brook (Name)	0 (Number)	☐ Yes ☒ No	(Specify)
Hales Brook (Name)	6 (Number)	☐ Yes ☒ No	(Specify)
Harris Brook (Name)	15 (Number)	☐ Yes ☒ No	(Specify)
Hassell Brook (Name)	3 (Number)	☐ Yes ☒ No	(Specify)
Holts Pond (Name)	2 (Number)	☐ Yes ☒ No	(Specify)
Lyle Reed Brook (Name)	4 (Number)	☐ Yes ☒ No	(Specify)
Muddy Brook (Name)	0 (Number)	☐ Yes ☒ No	(Specify)
Nashua Canal (Name)	6 (Number)	☐ Yes ☒ No	(Specify)
Nashua Cove (Name)	2 (Number)	☐ Yes ☒ No	(Specify)

MUNICIPAL ASSISTANCE UNIT
AUG 04 2003

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For Coverage Under the NPDES General Permit for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (MS4s)

NEW HAMPSHIRE DEPARTMENT OF Environmental Services

B. Applicant Information (cont.)

6. Based on the instructions provided in Part I of the NPDES Small MS4 General Permit, have the eligibility criteria for protection of historic properties been met?

☐ yes ☐ pending ☐ no

Note: Section C may be duplicated to accommodate a larger list of receiving waters

C. Names of (Presently Known) Receiving Waters (continued 2 of 2)

Receiving Water:	No. of Outfalls	Listed as Impaired?	Impairment
Old Maid's Brook (Name)	3 (Number)	☐ Yes ☒ No	(Specify)
Pennichuck Pond (Name)	0 (Number)	☐ Yes ☒ No	(Specify)
Round Pond (Name)	6 (Number)	☐ Yes ☒ No	(Specify)
Sandy Pond (Name)	0 (Number)	☐ Yes ☒ No	(Specify)
Spectacle Brook (Name)	15 (Number)	☐ Yes ☒ No	(Specify)
Spit Brook (Name)	32 (Number)	☐ Yes ☒ No	(Specify)
Supply Pond (Name)	0 (Number)	☒ Yes ☐ No	Excess algal growth (Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)

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NEW HAMPSHIRE DEPARTMENT OF Environmental Services

D. Storm Water Management Program Summary

1. Public Education: (see attached table for further clarification of BMPs selected)

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
1.01	Education program in school	DPW/R. Seymour, A. Gill	Two annual presentations
1.02	Distribute newspaper insert	DPW/Gill	Number of inserts distributed
1.03	Create web page	DPW/Seymour, Gill	Web site online
1.04	Public Service Announcement	DPW/Gill	4 per year
1.05	Business/Industrial flyer	DPW/Seymour	Number of flyers distributed

2. Public Participation:

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
2.01	Storm Drain Markers	DPW/Seymour, Gill	100% complete by 11/2006
2.02	Hotline for SW concerns	DPW/Seymour	Record no. of violations

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NEW HAMPSHIRE DEPARTMENT OF Environmental Services

D. Storm Water Management Program Summary (Cont.)

3. Illicit Discharge Detection and Elimination: (list continues on next page, 1 of 2)

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
3.01	Map outfalls	DPW/Gill	Number of outfalls identified
3.02	Prepare IDDE Plan	DPW/Seymour	Complete by 10/04
3.03	Review ordinance	DPW/Seymour	Amend by 12/07
3.04	Dry weather survey of outfalls	DPW/Gill	Number of outfalls surveyed
3.05	Sample dry weather discharge	DPW/Gill	Number of samples taken

4. Construction Site Runoff Control: (List continues on next page, 1 of 2)

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
4.01	Site plan water quality impacts	DPW/Gill	Complete by 12/2005
4.02	Control demolition waste	DPW/Gill	Complete by 12/2005
4.03	Review existing ordinances	DPW/Gill	Amend by 12/2007
4.04	Standard drawings of BMPs	DPW/Gill	Provide 7 BMPs minimum
4.05	Review inspection procedures	DPW/Gill	Complete by 12/2006

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NEW HAMPSHIRE DEPARTMENT OF Environmental Services

D. Storm Water Management Program Summary (Cont.)

3. Illicit Discharge Detection and Elimination: (continued 2 of 2)

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
3.06	Remove illicit discharges	DPW/Seymour, S. Pollock	No. of connections removed
3.07	Hazardous waste collections	DPW/S. Hyland, Solid Waste	5 times per year

4. Construction Site Runoff Control: (continued 2 of 2)

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
4.06	Enforcement procedures	DPW/Gill	Complete by 12/2006

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NEW HAMPSHIRE DEPARTMENT OF Environmental Services

D. Storm Water Management Program Summary (Cont.)

5. Post Construction Runoff Control:

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
5.01	Review ordinance 16-145	DPW/Gill	Amend by 12/2007
5.02	Groundwater recharge ord.	DPW/Gill	Amend by 12/2007
5.03	Implement O & M requirement	DPW/Gill	Implement by 12/2007
5.04	Enforcement Procedures	DPW/Gill	Implement by 12/2007

6. Municipal Good Housekeeping: (List continues on next page, 1 of 3)

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
6.01	Hazardous waste training	DPW/Seymour	Annual training
6.02	Preventive discharge training	DPW/Seymour	Annual training
6.03	Fertilizer Handling Program	DPW/N. Caggiano	Complete review 7/05
6.04	Litter management	DPW/S. Pollock	Review annually
6.05	Snow dumping procedure	DPW/Pollock	Completed by 7/05

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NEW HAMPSHIRE DEPARTMENT OF Environmental Services

D. Storm Water Management Program Summary (Cont.)

5. Post Construction Runoff Control:

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal

6. Municipal Good Housekeeping: (continued 2 of 3)

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
6.06	Clean catch basins	DPW/Seymour	100% cleaned every 3rd year
6.07	Continue SSO program	DPW/Seymour	Record number of SSOs
6.08	TV inspect Storm Drains	DPW/Seymour	Linear feet of inspected SD
6.09	Calibrate sand/salt trucks	DPW/Pollock	Complete annually by 11/1
6.10	Pooper scooper ordinance	DPW/Caggiano	Review by 7/05

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NEW HAMPSHIRE DEPARTMENT OF Environmental Services

D. Storm Water Management Program Summary (Cont.)

5. Post Construction Runoff Control:

BMP ID #

Specify Best Management Practice | Responsible Dept./Person Name | Specify Measurable Goal

BMP ID #

Specify Best Management Practice | Responsible Dept./Person Name | Specify Measurable Goal

BMP ID #

Specify Best Management Practice | Responsible Dept./Person Name | Specify Measurable Goal

BMP ID #

Specify Best Management Practice | Responsible Dept./Person Name | Specify Measurable Goal

BMP ID #

Specify Best Management Practice | Responsible Dept./Person Name | Specify Measurable Goal

6. Municipal Good Housekeeping: (continued 3 of 3)

6.11
BMP ID #
Alternative SW mgt. manual | DPW/Seymour | No. of manuals distributed
Specify Best Management Practice | Responsible Dept./Person Name | Specify Measurable Goal

6.12
BMP ID #
Ditch/swale cleaning program | DPW/Pollock | No. of swales/ditches cleaned
Specify Best Management Practice | Responsible Dept./Person Name | Specify Measurable Goal

BMP ID #

Specify Best Management Practice | Responsible Dept./Person Name | Specify Measurable Goal

BMP ID #

Specify Best Management Practice | Responsible Dept./Person Name | Specify Measurable Goal

BMP ID #

Specify Best Management Practice | Responsible Dept./Person Name | Specify Measurable Goal

BMP ID # | Specify Best Management Practice

NOTICE OF INTENT

For Coverage Under the NPDES General Permit for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (MS4s

NEW HAMPSHIRE DEPARTMENT OF Environmental Services

D. Stormwater Management Program Summary (cont.)

7. BMPs for Meeting Requirements of Part I.C. (Discharges to Water Quality Impaired Waters) and Part I.D. (Total Maximum Daily Load Allocations):

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
7.01	Inspect and clean swales	DPW/Seymour	No. of swales cleaned
7.02	Inspect and clean Catch Basins	DPW/Seymour	No. of Catch Basins cleaned

E. 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.

Richard Seymour, Deputy Director Wastewater Treatment Facility
Printed Name

Signature

Date 7/30/03

Best Management Practices
City of Nashua, NH

BMP ID#	Best Management Practice	Measurable Goal	Responsible Party	External Stakeholders	Comments
1.00	Public Education				
1.01	Storm water education program for school children	Present in two elementary schools each year a environmental program including storm water issues. Include ongoing presentation of "Mr. And Mrs. Fish" during Clean Water Week.	DPW (1) - Rick Seymour, Amy Gill	Nashua School Department	
1.02	Insert flyer in local newspaper describing city wide storm water program	Number of inserts distributed annually	DPW - Amy Gill		
1.03	Create web page on City web site	Web site online by 12/05	DPW - Rick Seymour, Amy Gill		
1.04	Create Public Service Announcements	Run Announcement quarterly on cable TV channel access	DPW - Amy Gill		
1.05	Create brochure and presentation to inform businesses and industrial users about illicit discharges	Distribute to businesses and industrial users once every two years	DPW - Richard Seymour, Phil Appert		
2.00	Public Participation				
2.01	Attach Storm Drain Marker in or near Catch Basins discharging to open water body	40% installed by 11/04, 80% installed by11/05, 100% by 11/06	DPW - Richard Seymour, Amy Gill	Pennichuck Water Works, Volunteer Groups	
2.02	Continue hotline service for storm water related concerns	Establish a hotline	DPW- Rick Seymour, NWTF(2)	Record violations and report to NHDES(3) and USEPA(4) .	
3.00	Illicit Discharge Detection and Elimination				
3.01	Map outfalls and waters of the United States in Nashua city limits	Complete by 11/04. Count number of outfalls identified	DPW - Amy Gill	NHDES	

BMP ID#	Best Management Practice	Measurable Goal	Responsible Party	External Stakeholders	Comments
3.02	Prepare an Illicit Discharge Detection and Elimination Plan	Complete final plan 10/04	DPW - Richard Seymour		
3.03	Review illicit discharge ordinance	Amend ordinance as necessary by 12/ 07	DPW - Richard Seymour	CDD(5)	
3.04	Continue dry weather field survey of outfalls that was initiated by NHDES	Complete NHDES survey of outfalls. Locate other outfalls in water bodies not included in survey by 11/04	DPW - Amy Gill	NHDES	
3.05	Conduct sampling of dry weather discharges and attempt to trace source of illicit discharge	Sample and identify source of suspect outfalls	DPW - Amy Gill		
3.06	Remove illicit discharges as budgetary funding allows	Track number of illicit discharges detected and removed	DPW - Richard Seymour, Scott Pollock		
3.07	Continue Regional Hazardous Waste Collection Day	Conduct 5 collection days per year	DPW - Sally Hyland, Solid Waste		
4.00	**Construction Site Runoff Control**				
4.01	Review procedure for site plan review to consider if potential water quality impacts are included	Complete review by Dec. 31 2005	DPW - Amy Gill	CDD	
4.02	Review requirements for construction operators to control demolition waste, chemicals, sanitary waste and other waste at the construction site	Complete review by Dec. 31 2005	DPW - Amy Gill	DPW- Richard Reine, Scott Pollock, CDD	
4.03	Review existing city ordinances (Sec 16-145) and modify as necessary	Make recommendations for improvements by June 2006. Proceed through internal process to change ordinance by Dec. 2007	DPW - Amy Gill	CDD	
4.04	Develop standard drawings of runoff prevention BMPs to be used by site developers	Produce document containing at least 7alternative erosion protection measures by Dec. 2006	DPW - Amy Gill	CDD	
4.05	Review procedures for inspection of construction sites to see if BMPs are in place and functioning correctly	Complete review by Dec. 2006	DPW - Amy Gill	CDD	

BMP ID#	Best Management Practice	Measurable Goal	Responsible Party	External Stakeholders	Comments
4.06	Review procedures for enforcement of improper functioning sediment and erosion control measures	Complete review by Dec. 2006	DPW - Amy Gill	CDD	
5.00	**Post Construction Runoff Control**				
5.01	Review existing ordinance Sec. 16-145 which requires post development peak discharges be no greater than predevelopment discharges. Modify as necessary	Make recommendations for improvements by June 2006. Proceed through internal process to change ordinance by Dec. 2007	DPW - Amy Gill	CDD	
5.02	Review ordinance Sec 16-145 for ground water recharge required on new site plans	Make recommendations for improvements by June 2006. Proceed through internal process to change ordinance by Dec. 2007	DPW - Amy Gill	CDD	
5.03	Implement Annual Operations and Maintenance requirement for BMPs on private properties	Implement by Dec. 2007	DPW - Amy Gill	CDD, Developers, Businesses	
5.04	Develop enforcement measures and assign internal staff to enforce requirements	Implement by Dec. 2007	DPW - Amy Gill	CDD, Developers, Businesses	
6.00	**Municipal Good Housekeeping**				
6.01	Hazardous waste training program for applicable employees	Employees attend annual hazardous spill training program beginning May 2005	DPW - Richard Seymour	DPW Employees	
6.02	Storm water discharge training program for applicable municipal employees on preventing non-storm water discharges	Employees attend annual storm water discharge training program beginning May 2005	DPW - Richard Seymour	DPW Employees	
6.03	Review program for handling fertilizer on city property	Complete review July 2005	DPW - Nicholas Caggiano, Amy Gill		
6.04	Continue litter management program by street sweeping downtown areas once a week	Review program annually	DPW - Scott Pollock	Downtown Businesses and Residents	
6.05	Review snow dumping procedure to allow snow storage in areas away from surface waters	Complete review July 2005	DPW - Scott Pollock		

Best Management Practices
City of Nashua, NH

BMP ID#	Best Management Practice	Measurable Goal	Responsible Party	External Stakeholders	Comments
6.06	Continue city wide program to clean catch basins	100% of all catch basins cleaned once every 3 years	DPW - Richard Seymour		
6.07	Continue SSO(6) correction and mitigation program	Record number of SSOs that impacted drainage system or water bodies	DPW - Richard Seymour		
6.08	Television inspection of storm drains as needed	Inspect as needed	DPW - Richard Seymour		
6.09	Calibrate salt and sand truck spreaders	Complete annually before November 1st	DPW - Scott Pollock		
6.10	Review pooper scooper ordinance	Review ordinance by July 2005	DPW- Park Dept., Street Dept., Infrastructure Committee	City residents	
6.11	Begin to disseminate information contained within city developed Alternative Storm Water Management Methods manual for Storm water Control	Make available by July 2004	DPW - Richard Seymour	Developers	
6.12	Develop a ditch/swale cleaning program	Develop program by July 2005	DPW - Scott Pollock		
7.00	Impaired Waters (7)				
7.01	Inspect and clean swales that flow to the impaired water bodies	Inspect all swales once a year	DPW - Richard Seymour	Pennichuck Water Works	
7.02	Inspect and clean catch basins discharging to impaired waters	Clean all catch basins annually	DPW - Richard Seymour	Pennichuck Water Works	
	(1) DPW - Division of Public Works, City of Nashua				
	(2) NWTF -Nashua Wastewater Treatment Facility, City of Nashua				
	(3) NHDES - New Hampshire Department of Environmental Services				
	(4) USEPA - United States Environmental Protection Agency				
	(5) CDD - Community Development Division, City of Nashua				
	(6) SSO - Sanitary Sewer Overflow				
	(7) All 303(d) listed waters have excess algal growth due to transfer of water from an outside watershed				

SWMP Implementation Schedule

Regulated MS4:
City of Nashua, NH

Town/City: Nashua, NH_

	PERMIT YEAR ONE				PERMIT YEAR TWO				PERMIT YEAR THREE				PERMIT YEAR FOUR				PERMIT YEAR FIVE				
BMP ID #	Spring 03	Summer 03	Fall 03	Winter 03-04	Spring 04	Summer 04	Fall 04	Winter 04-05	Spring 05	Summer 05	Fall 05	Winter 05-06	Spring 06	Summer 06	Fall 06	Winter 06-07	Spring 07	Summer 07	Fall 07	Winter 07-08	Next Permit
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SWMP Implementation Schedule

Regulated MS4:
City of Nashua, NH

Town/City: Nashua, NH_

	PERMIT YEAR ONE				PERMIT YEAR TWO				PERMIT YEAR THREE				PERMIT YEAR FOUR				PERMIT YEAR FIVE				
BMP ID #	Spring 03	Summer 03	Fall 03	Winter 03-04	Spring 04	Summer 04	Fall 04	Winter 04-05	Spring 05	Summer 05	Fall 05	Winter 05-06	Spring 06	Summer 06	Fall 06	Winter 06-07	Spring 07	Summer 07	Fall 07	Winter 07-08	Next Permit
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