Municipality/Organization: Somersworth, NH
EPA NPDES Permit Number: NHR041034

**Annual Report Number** 

& Reporting Period: No. 5: May 2008 – April 2009

#### NPDES PII Small MS4 General Permit Annual Report

#### Part I. General Information

Contact Person: Chris Jacobs, PE Title: City Engineer

Telephone #: 603-692-9524 Email: cjacobs@somersworth.com

#### 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, 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.

Signature:

Printed Name: Bob Belmore

Title:

City Manager

Date:

April 30, 2009

Network: \City Eng \ Stormwater\ Stormwater II\Annual Report Documents\ 2009 Somersworth MS4 Rpt.doc

### Part II. Self-Assessment

The City of Somersworth has completed the required self-assessment and has determined that our municipality is in compliance with all permit conditions.

# Part III. Summary of Minimum Control Measures

## 1. Public Education and Outreach

N -	Revised	<u> </u>	BMP ID#
Develop educational resources.	(Our SWPPP schedules this BMP for years 1 - 5).	Complete & show movie "There is No Away"	BMP Description
Chris Jacobs, PE Engineering		Chris Jacobs Engineering	Responsible Dept./Person Name
Variety/number of handouts.		Number of showings	Measurable Goal(s)
SWPPP Principal Contact continues to look for useful resources to enhance our program. We continue our participation in the Seacoast Stormwater Coalition. This facilitates a cost-effective approach to sharing information/resources in Outreach/Education and Staff Training components of our SWPPP. Handing out "After the Storm" pamphlets at City Clerk's office.	Stormwater" on our Government Access -Cable Channel 22.	- The City continues to show "There is No Away" and "After the Storm: A Citizen's Video Guide to Understanding	Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any)
Continue attending, participating, and gathering.	- Continue outreach to schools to use the movie in their curriculum.	- Continue showing on Government Access - Cable Channel 22.	Planned Activities - Permit Year 7

Revised	<b>ა</b>	Revised	4	Revised	ယ	Revised
(Our SWPPP schedules this BMP for years 2 - 5).	Pet Waste Management	(Our SWPPP schedules this BMP for years 1 - 5).	Classroom education on Stormwater.	(Our SWPPP schedules this BMP for years 1 - 5).	Articles in newsletter/website.	(Our SWPPP schedules this BMP for years 2 - 5).
	Chris Jacobs, PE Engineering		Chris Jacobs, PE Engineering		Chris Jacobs, PE Engineering Beth Nault City Mangers Ex. Secretary	
Per the City Clerk we license approximately 1,300 dogs.	Number of dog licenses.		Number of students.		Number of articles.	
Public through the City Clerk's office. Purchased 4 Pet Waste Stations and 2 were donated. Installed the summer of 2008.	Educational flyer has been	the Middle School curriculum.	This continues to be part of	full SWPPP to our website. We're looking into further revisions to our website to add a Stormwater section.	Newsletter is now distributed twice per year and space is limited. To date, the articles were excerpts from our SWPPP. We've added the	
See Additions in 1A, below. Make a presentation at the Somersworth Childrens Festival in June 2009.	Distribute flyers through the City Clerk's office.	See Additions in 1A, below.	Continue outreach to schools.	we plan to expand our Stormwater coverage here.	Seek alternatives to articles in the Newsletter. The City's website is being revised, so	

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Pet Waste and Water Quality Project  E. coil is listed as a source of impairment in the Salmon Falls River. Therefore, in March, 2007 we submitted a grant proposal to NH Dept of Environmental Services with three Project Goals: Pet Awareness and Education; Storm Drain Stenciling as part of Pet Waste Stations. Using our Storm Drain Map, we identified all neighborhoods that drain directly into the Salmon Falls River. We propose to stencil 450 catch basins in a 1.0 square mile area of the most densely populated area of Somersworth. This represents 9.5% of the area, but stencil of a watershed, complete with various land-uses, including residential, transportation, agricultural, construction, recreation, and forestry. It's a tool to demonstrate how water pollution can result from a variety of activities, and how the pollution can impact our water resources. It will be also propose to several public buildingners also be made available for use by all Public and Private schools in Somersworth. We propose to several public and Private schools in Somersworth. The Det Waste Stations. Noble Pines Park, Millennium Park, Memorial Drive, Jules Bisson Park, Pine Street Park and near a story of the private schools in Somersworth. We personal that the City Clerks office when also propose to several public date and is being distributed within City Hall at the City Clerks office when also propose.	Pet Waste and Water Quality Project  E. coli is listed as a source of impairment in the Salmon Falls River. Therefore, in March, 2007 we submitted a grant proposal to NH Dept of Environmental Services with three Project Goals: Pet Awareness and Education; Storm Drain Map, we identified all neighborhoods that drain directly into the Salmon Falls River. The Salmon Falls River. Therefore, in March, 2007 we submitted a grant proposal to NH Dept of Environmental Services with three Project Goals: Pet Awareness and Education; Storm Drain Stenciling as part of Pet Waste Program; and Stencil 450 catch basins in a 1.0 square mile area of the most densely populated area of Somersworth. This represents 9.5% of the area, but 26.4% of our catch basins. Stenciling will be done by the TRENDS (Teens Reaching Exciting New Dimensions) summer recreation program.	This builds on BMP  Recreation/Maureen  Call & Engineering/ Call & Engineering/ Chris Jacobs, PE  those BMP's.  d as a source of impairment in the Salmon Falls River. Therefore, in March, 200 as a source with three Project Goals: Pet Awareness and Education; Storm Drain Map, we identified all neighborhoods that drain direct the transfer of Some atch basins in a 1.0 square mile area of the most densely populated area of Some atch basins in a 1.0 square mile area of the most densely populated area of Some atch basins in a 1.0 square mile area of the most densely populated area of Some atch basins in a 1.0 square mile area of the most densely populated area of Some atch basins in a 1.0 square mile area of the most densely populated area of Some atch basins in a 1.0 square mile area of the most densely populated area of Some atch basins in a 1.0 square mile area of the most densely populated area of Some atch basins in a 1.0 square mile area of the most densely populated area of Some atch basins in a 1.0 square mile area of the most densely populated area of Some atch basins in a 1.0 square mile area of the most densely populated area of Some atch basins in a 1.0 square mile area of the most densely populated area of Some atch basins in a 1.0 square mile area of the most densely populated area of Some atch basins in a 1.0 square mile area of the most densely populated area of Some atch basins in a 1.0 square mile area of the most densely populated area of Some atch basins in a 1.0 square mile area of the most densely populated area of
Pet Waste and Water Quality Project  E. coli is listed as a source of impairment in the Salmon Falls River. Tenvironmental Services with three Project Goals: Pet Awareness and learning our Storm Drain Map, we identified all neight stencil 450 catch basins in a 1.0 square mile area of the most densely 26.4% of our catch basins. Stenciling will be done by the TRENDS (Tellors) to demonstrate how water pollution can result from a variety of activity also propose 6 new Pet Waste Stations: Noble Pines Park, Millennium	Pet Waste and Water Quality Project Call & Engineering/ Chris Jacobs, PE E. coli is listed as a source of impairment in the Salmon Falls River. Therefore, in March, 2 Environmental Services with three Project Goals: Pet Awareness and Education; Storm Drain Map, we identified all neighborhoods that drain of Stencil 450 catch basins in a 1.0 square mile area of the most densely populated area of Stencil 450 catch basins. Stenciling will be done by the TRENDS (Teens Reaching Excit	Pet Waste and Water Quality Project Call & Engineering/ Chris Jacobs, PE E. coli is listed as a source of impairment in the Salmon Falls River. Therefore, in March, 2007 we submitted Environmental Services with three Project Goals: Pet Awareness and Education; Storm Drain Map, we identified all neighborhoods that drain directly into the Salm Stencil 450 catch basins in a 1.0 square mile area of the most densely populated area of Somersworth. This restriction is a control of the most densely populated area of Somersworth. This restriction is a control of the most densely populated area of Somersworth. This restriction is a control of the most densely populated area of Somersworth. This restriction is a control of the most densely populated area of Somersworth. This restriction is a control of the most densely populated area of Somersworth. This restriction is a control of the most densely populated area of Somersworth. This restriction is a control of the most densely populated area of Somersworth. This restriction is a control of the most densely populated area of Somersworth. This restriction is a control of the most densely populated area of Somersworth. This restriction is a control of the most densely populated area of Somersworth. This restriction is a control of the most densely populated area of Somersworth.
Recreation/Maureen Call & Engineering/ Chris Jacobs, PE This builds on BMP #'s 4, 5, & 7. Success will be measured per those BMP's.  of impairment in the Salmon Falls River. This per those BMP's.  of impairment in the Salmon Falls River. This per those by the TRENDS (Tell will be distributed at several public building various land-uses, including residential, trans repollution can result from a variety of activity after-school program and will also be made at least Stations: Noble Pines Park, Millennium	Recreation/Maureen #s 4, 5, & 7. Call & Engineering/ Chris Jacobs, PE measured per those BMP's.  of impairment in the Salmon Falls River. Therefore, in March, ith three Project Goals: Pet Awareness and Education; Storm Dig our Storm Drain Map, we identified all neighborhoods that drain of a 1.0 square mile area of the most densely populated area of Sc Stenciling will be done by the TRENDS (Teens Reaching Excit	Recreation/Maureen  Call & Engineering/ Chris Jacobs, PE  those BMP's.  of impairment in the Salmon Falls River. Therefore, in March, 2007 we submitted th three Project Goals: Pet Awareness and Education; Storm Drain Stenciling as page our Storm Drain Map, we identified all neighborhoods that drain directly into the Salm a 1.0 square mile area of the most densely populated area of Somersworth. This response in the Salmon Falls River.
This builds on BMP #'s 4, 5, & 7. Success will be measured per those BMP's. Salmon Falls River. Tet Awareness and I we identified all neight we identified all neight of the most densely the TRENDS (Teseveral public building unding residential, transform a variety of activition will also be proposed.	This builds on BMP #'s 4, 5, & 7. Success will be measured per those BMP's.  Salmon Falls River. Therefore, in March, 2 and Education; Storm Down identified all neighborhoods that drain of the most densely populated area of Some by the TRENDS (Teens Reaching Exciting the contraction).	This builds on BMP  #'s 4, 5, & 7.  Success will be measured per those BMP's.  Salmon Falls River. Therefore, in March, 2007 we submitted Pet Awareness and Education; Storm Drain Stenciling as payed the most densely populated area of Somersworth. This reports the transfer of the most densely populated area of Somersworth. This reports the transfer of the most densely populated area of Somersworth. This reports the transfer of the most densely populated area of Somersworth.
~ = > =: × 0	nerefore, in March, inducation; Storm Disportions that drain oppulated area of Sciens Reaching Excitions and the store of	nerefore, in March, 2007 we submitted iducation; Storm Drain Stenciling as payorhoods that drain directly into the Saln populated area of Somersworth. This reposition for the state of Somersworth.
See Below. We received notification on 4/6/07 that our proposal will be funded.  1007 we submitted a grant proposal to NH Dept of ain Stenciling as part of Pet Waste Program; and irrectly into the Salmon Falls River. We propose to mersworth. This represents 9.5% of the area, but	See Below. We recodification on 4/6/07 proposal will be further a grant proposal to NI art of Pet Waste Progron Falls River. We proposents 9.5% of the	¬ -   - ' ' ' ' ' ' '

## 2. Public Involvement and Participation

	Revised	7	Revised	တ	BMP
for years 1 and 4).	(Our SWPPP schedules this BMP	Storm Drain stenciling	(Our SWPPP schedules this BMP for years 1 - 5).	Community cleanups	BMP Description
		Recreation/Maureen Call & Engineering/ David Foster & Chris Jacobs, PE		Engineering/ Chris Jacobs, PE & John Jackman, PE Public Works Director	Responsible Dept./Person Name
		Number of participants.	100	Number of participants.	Measurable Goal(s)
		No stenciling in 2008.	all over the City.	<ul> <li>Approx200 +/- participants in our 2009 Downtown</li> <li>Enhancement Day picked up trash in the Downtown area and</li> </ul>	Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any)
	catchbasins in the Fall of 2008.	Keith Perkins a Boy Scout is working on his Eagle Scout Project. Along with his troop he	cleanup.	- Downtown Enhancement Day is an annual event Continue using volunteer organizations for community	Planned Activities – Permit Year 7

#### 2a. Additions

feasible education and outreach.	Coordinate with Seacoast Stormwater Coalition for appropriate and
Seacoast Stormwater Coalition.	Number of meetings and/or coordinated efforts with the
Latest News, and scroll down to paragraph 2.  Meetings Attended: July 10 (2 hrs)  September 25 (3 hrs)	Coalition meets quarterly throughout the year. The Coalition coordinated an application for grant money to create a Manual for standard operating procedures for IDDE and good housekeeping. The Manual was approved by the State and produced in November 2006. The Manual can be found on line at <a href="https://www.des.state.nh.us">www.des.state.nh.us</a> , under popular topics choose Storm Water, then
training using the manual	On-going meetings and attendance.

# 3. Illicit Discharge Detection and Elimination

Revised	10	Revised	9	Revised	8	BMP
(Our SWPPP schedules this BMP for year 5).	Information Management System	(Our SWPPP schedules this BMP for years 1 - 5).	Remove known illicit connections.	(Our SWPPP schedules this BMP for years 1 - 5).	Sewer System Map	BMP Description
	Public Works/John Jackman		Chris Jacobs, PE – City Engineer	:	Chris Jacobs, PE – City Engineer	Responsible Dept./Person Name
	Number of outfalls screened	Create standard operating procedures for the detection of nonstormwater discharges.	Number removed		% Complete	Measurable Goal(s)
intern (Matt Gagnon) update the maps for approximately 150 hours	"VueWorks" Asset Management software has been installed and is operational. We've made progress with water, sewer, and drainage assets. We had an	Developed SOPs for detection and elimination via the Seacoast Stormwater Coalition grant project. City obtained grant money through Seacoast Stormwater Coalition to develop SOPs. A Manual was created and approved by the State and produced in November 2006. The Manual can be found on line at <a href="https://www.des.state.nh.us">www.des.state.nh.us</a> , under popular topics choose Storm Water, then Latest News, and scroll down to paragraph 2.	No illicit discharges were eliminated in 2008.	We had an intern (Matt Gagnon) update the maps for approximately 150 hrs.	Sewer System Map is done. We have obtained as-	Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any)
drainage system assets.	Staff has begun using work orders for many tasks, including	Subsequent training using these SOPs will be held May through October 2007.	currently we are working with the DES to continue searching for and removing illicit discharges. As of the spring of 2008 we were notified of 2 illicit discharges.	new infrastructure is added to the system.	Update the map on a continuous basis as	Planned Activities – Permit Year 7

	Rev	٠	
 	Revised		
 Develop Guidelines and Standard Operating Procedures Manual	(Our SWPPP schedules this BMP for years 2 & 3).	Review City Ordinances	
 Chris Jacobs, PE – City Engineer		Dave Sharples, City Planner & Chris Jacobs, PE City Engineer	
		Number of changes/additions	
The Seacoast Stormwater Coalition completed this task. It can be found on line at <a href="www.des.state.nh.us">www.des.state.nh.us</a> , under popular topics choose Storm Water, then Latest News, and scroll down to paragraph 2.	On February 2, 2009 the City Council passed an updated wetlands ordinance titled the Riparian and Wetland Buffer District Ordinance. We see this as a significant step as it will serve to prevent silt and topsoil from entering water bodies and wetlands.		
This year we propose to follow up this initiative with development of materials and curriculum and begin staff training on Illicit Discharge Detection and Elimination.	team.	- Complete review of ordinances pertaining to Stormwater Formalize a	

#### 3a. Additions

	Staff Training
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Chris Jacobs, PE – City Engineer
Alberta	16 of 26 reports were received for 2008
	Instead of staff training in 2008 we have spent our time enforcing the stormwater rules and regulations contained within or site plan and subdivision regulations.  Specifically we have sent out letters twice to previously approved sites requesting their Stormwater Management reports for 2007 and 2008.
	Use the Guidelines & SOP's (above) to develop course materials and curriculum and begin staff training on Illicit Discharge Detection and Elimination. This is a joint effort with other communities in the Seacoast Stormwater Coalition.

# 4. Construction Site Stormwater Runoff Control

14	Revised	13	Revised	12	Revised	<u> </u>	BMP
Maximum compliance	(Our SWPPP schedules this BMP in year 3).	Begin inspection program	(Our SWPPP schedules this BMP for years 1 - 5).	Employee training	(Our SWPPP schedules this BMP for years 1 & 2).	Review City Ordinances	BMP Description
Chris Jacobs, PE – City Engineer & John Jackman, PE Public Works Dir.		Public Works/John Jackman		Dave Sharples, City Planner & Public Works/John Jackman		Dave Sharples, City Planner & Chris Jacobs, PE City Engineer	Responsible Dept./Person Name
Number of inspections = 40+		Number of sites inspected = 10		Number trained =2		Number of changes/additions =	Measurable Goal(s)
We inspected a number of sites, but we need to improve documentation procedures.	sites for the City during the year.	- Continue inspecting our own work.  - CLD Engineering inspects many	Transfer Center.	Planning Board members David Witham and Erwin Grant attended Stormwater Management training through the UNH Technology	prevent silt and topsoil from entering water bodies and wetlands.	On February 2, 2009 the City Council passed an updated wetlands ordinance titled the Riparian and Wetland Buffer District Ordinance. We see this as a significant step as it will serve to	Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any)
With Consultant inspection and staff training we are moving closer to full compliance. Final reports are required from the consultant on all projects detailing daily reports & other construction quality standards.	procedures.	Continue current procedures. Improve documentation		Send new personnel as necessary.		- Complete revision of Stormwater Ordinances.	Planned Activities – Permit Year 7

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for year 5).	schedules this BMP	(Our SWPPP	

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# 5. Post-Construction Stormwater Management in New Development and Redevelopment

Revised	Revised scheo	Posi 17 M	Revised (C scher	lde	BMP BMP
	(Our SWPPP schedules this BMP for years 1 - 5).	Post Construction Maintenance	(Our SWPPP schedules this BMP for years 3 - 5).	Identification of BMP's.	BMP Description
		Engineering/ David Foster		Dave Sharples, City Planner & Chris Jacobs, PE City Engineer	Responsible Dept./Person Name
	16 of 26 reports were received for 2008	Number of facilities		Number of BMP's	Measurable Goal(s)
	Maintenance, & Inspection Plan to be submitted and approved. We have sent out letters twice to previously approved sites requesting their Stormwater Management reports for 2007 and 2008.	At the Planning Board stage we require a Stormwater Management,	reconstruction.  A new medical office park (Terrascape) has proposed use of pervious paving in all areas except the main entrance. This serves to reduce runoff and the size of the stormwater detention areas. The work will start to be installed in 2009.	The City has embraced some of the LID BMP's and specifically the used of pervious paving. To this effort an athletic club installed pervious paving under all of their proposed parking expansion and	Progress on Goal(s) – Permit Year 6 (Reliance on non- municipal partners indicated, if any)
	-Continue with current practicesContinue with yearly letters to insure inspections are being completed and are being installed.		Continue observing other municipality's efforts and obtaining sample ordinances.	•	Planned Activities – Permit Year 7

#### 5a. Additions

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# 6. Pollution Prevention and Good Housekeeping in Municipal Operations

Revised	20	Revised	19	Revised	18	BMP
Reduce the amount of nutrients and sediments entering receiving waters through education of municipal employees about spill prevention and control, vehicle washing, lawn activities, etc.	Train employees	(Our SWPPP schedules this BMP for years 1 - 5).	Street cleaning	(Our SWPPP schedules this BMP for year 1)	Vehicle washings	BMP Description
	Public Works/John Jackman		Public Works/John Jackman		Public Works/John Jackman	Responsible Dept./Person Name
Create and publish a Manual for NH communities to standardize best management practices and procedures for IDDE, pollution prevention and good housekeeping.  Train storm water managers and labor force against these standards.	Employees trained		239 Man-hours		Employees trained	Measurable Goal(s)
Seacoast Coalition obtained state grant money to fund the development of BMPs and SOPs best suited NH communities in meeting the IDDE, pollution prevention and good housekeeping requirements. Procedures developed. Numerous meetings held b/w the Seacoast Coalition reps as well as workforce providing input to improve the Manual in application and practicality. The Manual was approved by the State and produced November 2006. The Manual can be found on line at <a href="https://www.des.state.nh.us">www.des.state.nh.us</a> , under popular topics choose Storm Water, then Latest News, and scroll down to paragraph 2.	Informal training provided as needed for various SWPPP activities, such as silt fence installation & vehicle washings. See Additions, below.	Capital Improvements Projects section of the budget. This has not been approved by the City Council as of this date.	<ul> <li>- 239 hours spent sweeping 1300 miles of streets.</li> <li>The City repaired our existing sweeper and we proposed purchasing a new sweeper under the 2009</li> </ul>	and trained Public Works statt on them.	Established new procedures for vehicle washings	Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any)
Training to be conducted to meet these standard operating procedures: IDDE Pollution Prevention and Good Housekeeping training 7 sessions scheduled between May and October 2007.	Move forward with other entities to develop more formal training program on Stormwater activities. See Additions, below.	sweep approximately 1300 miles in year 7	Continue street sweeping. We expect to	needed.	Continue training as	Planned Activities – Permit Year 7

	•				Revised
See Additions, below. This is one of the SOP's under development by the Seacoast Stormwater Coalition.	pollution prevention and good housekeeping requirements. Procedures developed. Numerous meetings held b/w the Seacoast Coalition reps as well as workforce providing input to improve the Manual in application and practicality. The Manual was approved by the State and produced November 2006. The Manual can be found on line at <a href="https://www.des.state.nh.us">www.des.state.nh.us</a> , under popular topics choose Storm Water, then Latest News, and scroll down to paragraph 2.			(Our SWPPP schedules this BMP for years 3 & 4).	Revised
	, B	Employees trained	Public Works/John Jackman	Spill response & prevention	22
year 7 in the amount of \$7,200 for the proposed budget.	They cleaned 111 basins. Public works staff cleaned 3 basins by hand in 5 hours.			(Our SWPPP schedules this BMP for years 1 - 5).	Revised
Continue storm drain system cleaning. We have funding for an	The City contracted with Felix Septic to clean basins at \$110.00 per hour, for a total figure of \$7,260.00.	71 Man-hours	Public Works/John Jackman	Storm drain system cleaning	21

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			6a. Ac	Revised
	Household Hazardous Waste Day	Develop Guidelines and Standard Operating Procedures Manual	6a. Additions	
	Public . Works/John Jackman	Engineering/ David Foster		
	Number of households.			
	Though we've never reported this in our Annual Reports, we've held this event for years. The movie "Stormwater Runoff: There Is No Away" shows video footage of the one we held in 2003 (+-). This event was held on May 3, 2008 There were 158 Somersworth households that participated.	The Seacoast Stormwater Coalition completed this task. It can be found on line at <a href="https://www.des.state.nh.us">www.des.state.nh.us</a> , under popular topics choose Storm Water, then Latest News, and scroll down to paragraph 2.		
15	Continue holding this event. Funding has been established for this event in May 2009.	<ul> <li>Next year we propose to follow up this initiative with development of materials and curriculum and begin staff training on Illicit Discharge Detection and Elimination.</li> </ul>		

# 7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) <<ii applicable>>

	Revised	Revised	Revised	Revised	Source Discharges	03 due to Municipal Point	impairment for NHRIV600030406-	4A-M Dissolved Oxygen	Revised		Connections to storm drains	02 due to Illicit	impairment for	5-M e.coli	BMP ID #
					1										BMP Description
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						Dir.	Jackman, PE Public Works	-			Public Works Dir.	Jackman, PE	Engineer &	Chris Jacobs, PE – City	Responsible Dept./Person Name
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \															Measurable Goal(s)
				Falls River and the river is monitored on a regular basis to determine if water quality standards are being met.	that discharge to the Salmon	implemented by the	The joint Maine-New Hampshire TMDL has been	A Point Source TMDL was	sanitary sewer to accommodate the discharge.	disconnect the discharge and	municipality has worked with the property owners to	NHDES. Once identified, the	system for illicit discharges	We have been and continue to	Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any)
				Salmon Falls Kiver and the river is monitored on a regular basis to determine if water quality standards are being met.	facilities that discharge to the	wastewater treatment	The joint Maine-New Hampshire TMDL has been the the terminal through the terminal te	A Point Source TMDL was approved by EPA in 1999.	where necessary re-plumb the sanitary sewer to accommodate the discharge.	disconnect the discharge and		assistance of the NHDES.	drainage system for illicit discharges with the	to investigate the storm	Planned Activities – Permit Year 7

		7a. Additions	Revised
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7b. WLA Assessment

# Part IV. Summary of Information Collected and Analyzed

# Part V. Program Outputs & Accomplishments (OPTIONAL)

#### **Programmatic**

## Education, Involvement, and Training

(y/n)	School curricula implemented
gal)	
(tons or	<ul> <li>material collected</li> </ul>
(%)	<ul> <li>community participation</li> </ul>
(#)	<ul> <li>days sponsored</li> </ul>
	Household Hazardous Waste Collection Days
(y/n or ml.)	Shoreline clean-up participation or quantity of shoreline miles cleaned
(# or y/n)	Stream teams established or supported
(y/n)	Stormwater management committee established
(# or %)	Estimated number of residents reached by education program(s)

Legal/Regulatory				
	In Place Prior to	Under		
Regulatory Mechanism Status (indicate with "X")				
<ul> <li>Illicit Discharge Detection &amp; Elimination</li> </ul>		×		
■ Erosion & Sediment Control		×		
<ul> <li>Post-Development Stormwater Management</li> </ul>		×	ł	
Accompanying Regulation Status (indicate with "X")			<u>-</u>	
<ul> <li>Illicit Discharge Detection &amp; Elimination</li> </ul>		×		
<ul> <li>Erosion &amp; Sediment Control</li> </ul>		×		
<ul> <li>Post-Development Stormwater Management</li> </ul>		×		

## **Mapping and Illicit Discharges**

	-
Outfall mapping complete	(%)
Estimated or actual number of outfalls	(#)
System-Wide mapping complete	(%)
Mapping method(s)	
■ Paper/Mylar	(%)
• CADD	(%)
■ GIS	(%)
Outfalls inspected/screened	(# or %)
Illicit discharges identified	(#)
Illicit connections removed	(#)
The state of the s	(est. gpa)
% of population on sewer	(%)
% of population on septic systems	(%)

#### Construction

Number of construction starts (>1-acre)	(#)	-
Estimated percentage of construction starts adequately regulated for erosion and sediment	(%)	
control		
Site inspections completed	(# or %)	
Tickets/Stop work orders issued	(# or %)	
Fines collected	(# and \$)	
Complaints/concerns received from public	(#)	

## Post-Development Stormwater Management

(дру)	Estimated volume of stormwater recharged
(# or %)	Site inspections completed
	post-construction stormwater control
(%)	Estimated percentage of development/redevelopment projects adequately regulated for

### **Operations and Maintenance**

-
Average frequency of catch basin cleaning (non-confinercial/fior-affectal sheets)
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Cost of screenings disposal	(\$)	
Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	
Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	
Oty. of sand/debris collected by sweeping	(lbs. or	
	tons)	
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	
Cost of sweepings disposal	(\$)	
Vacuum street sweepers purchased/leased	(#)	
Vacuum street sweepers specified in contracts	(y/n)	

de la companya de la	■ Pesticides	<ul> <li>Herbicides</li> </ul>	■ Fertilizers	Reduction in application on public land of: ("N/A" = never used; "100%" = elimination)
	(lbs. or %)	(lbs. or %)	(lbs. or %)	
	*			

(lbs. or %) (y/n)	Estimated net reduction in typical year salt application  Salt pile(s) covered in storage shed(s)
(y/n)	Automatic or Zero-velocity spreaders used
(y/n)	Manual control spreaders used
(y/n)	Pre-wetting techniques utilized
% Sand	
% KCI	
% Kac	
% CMA	
% MgCl <sub>2</sub>	
% CaCl <sub>2</sub>	
% NaCl	Anti-/De-Icing products and ratios

		Storage shed/s) in design or under construction	
		(yn)	