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Municipality/Organization: Town of Hollis, New Hampshire

EPA NPDES Permit Number: NHR041011

Annual Report Number & Reporting Period: No. 8: May1, 2010-April 30, 2011

## NPDES PII Small MS4 General Permit Annual Report

### Part I. General Information

Contact Person: Troy Brown Title: Town Administrator

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#### 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: Troy Brown

Title: Town Administrator

Date: 4-19-11

## Part II. Self-Assessment

The Town of Hollis, New Hampshire has completed the required self-assessment and has determined that the community is in general compliance with the MS4 permit requirements. During Permit Year Eight, the Town of Hollis under the direction of the Stormwater Management Committee (hereby referred to as the SMC), completed several compliance tasks and implemented several new initiatives. The SMC provides outreach to the community and actively implements stormwater management activities on behalf of the Town of Hollis. The SMC is composed of representatives of the following municipal departments: administration; building; code enforcement; conservation; planning; and public works. One member is an appointed volunteer from the community. The SMC periodically invites consultants, including the Town's septic inspector, planning consultant, and the Town's construction engineer, to meetings in order to keep the committee informed of changes in regulations at the state and federal levels that relate to stormwater issues. The SMC held five public meetings during this reporting period. SMC members also worked with members of other Town boards and committees on regulatory and outreach issues during this reporting period.

Following is a general summary of the Town's efforts during Permit Year Eight.

**Public Education/Outreach:** The SMC continues to provide a variety of written and visual resource materials to educate and inform the public regarding stormwater issues. Four issues of "*The Tempest*", the SMC's quarterly newsletter were published in June, September and December of 2010 and in March of 2011. The newsletter covered a wide range of timely topics. The June newsletter on "Xeriscaping" gave readers information on landscaping with plants that require little maintenance and less water. This article was particularly timely because of the drought experienced by much of the State this past summer. "Manure Management" advised horse owners on "Best Management Practices" for the proper storage and disposal of manure. "Stormwater Management in New Hampshire" summarized, in layman's terms, the new regulations for stormwater permitting in New Hampshire. "Stormwater Run-off Pollution-The Battle is about to Begin" dealt with issues of residential landscaping and how to minimize and prevent stormwater pollution through good lawn care practices. The newsletter can be found on the Town's website at [www.hollis.nh.us](http://www.hollis.nh.us). Hard copies are available to the public at the Town Hall and Hollis Social Library. The newsletter is an ongoing effort of the SMC.

The SMC has compiled a library of videos and books pertaining to water quality topics. The videos are periodically broadcast on the public access channel. Titles include: "Septic System Management for Homeowners", produced by the New Hampshire Department of Environmental Services; "Reining in the Storm-One Building at a Time", produced by the Massachusetts North & South Rivers Watershed Association; and "Shoreland Protection Workshop", produced by the Nashua Regional Planning Commission. The SMC's reading library is extensive, and includes books, magazines and fact sheets on topics such as innovative land use planning, water resource protection and water use and conservation.

The SMC continues to provide information and conduct outreach sessions targeting local residents during community events such as Old Home Days and the Annual Roadside Cleanup. The SMC also submits a report summarizing the past year's activities and future goals for inclusion in the Town's Annual Report. Seven hundred (700) 2010 Annual Town Reports were printed and distributed to residents prior to, and at, the annual March Town Meeting.

The SMC is in the process of updating the Town's New Resident packet, which is given out to new residents when they come to Town offices to register vehicles and seek information about Town rules and regulations.

The SMC continues to promote participation in the Regional Household Hazardous Waste Collection program sponsored by the Nashua Region Solid Waste Management District. The dates of these collection events are advertised on the public access channel and the Town's website.

This year the stormwater education curriculum program "When It Rains, It Drains" was completed and distributed to teachers of grades 6-12 in Hollis and other towns in the region. The Nashua Regional Planning Commission developed this curriculum for the regional towns that participate in the Stormwater Coalition.

**Public Participation:** The SMC's public meetings are held in accordance with NH RSA Chapter 91:A (The Right to Know Law). Minutes of these meetings are posted on the municipal website at [www.hollis.nh.us](http://www.hollis.nh.us). Hard copies are kept in a notebook at the Hollis Town Hall.

The municipal website is updated regularly. The SMC welcomes feedback from the public regarding articles in the quarterly newsletter. The SMC will continue to invite members of the public and local business owners to participate and share their expertise on storm water and other environmental topics.

Working in conjunction with the Hollis Conservation Commission (HCC), the SMC promoted and participated in two roadside cleanup events, which were very successful. In addition, the SMC shared a booth at Old Home Days with the HCC. Copies of "The Tempest", as well as other handouts on water quality and conservation, were on display and made available to the public. This Old Home Days event is very popular and well attended by residents of the Town and region.

The Public Works Department encourages voluntary recycling at the Transfer Station. In 2010, revenue from combined recyclables totaled \$42,473.78 (657.46 T). The tonnage is down slightly from 2009 (676.55 T). However, due to the strong recycling market revenues did increase.

**Illicit Discharge Detection & Elimination:** This regulation has been in effect since December of 2009. The IDDE fills a major

compliance requirement of the Town's permit.

In September, SMC members Cathy Hoffman and Don Ryder conducted a site inspection of the Town's MS4 area along the Nashua River near State Route 111. This is a site that is frequently used as an illegal dumping ground. Following the inspection, the Conservation Commission and Public Works Department were notified. Permission from the property owner was obtained and the site has been restored. The Public Works Department has agreed, with permission from the landowner, to install a barrier in order to deter future dumping. The SMC in collaboration with the Conservation Commission will continue to monitor this area.

**Construction Site Runoff Control:** The SMC works with the Planning Board and the Building Department to ensure that stormwater management practices are included in the building permitting, subdivision and site plan review processes. The Town's engineering consultant and site inspector are involved in every phase of the process. Site inspections for compliance are conducted on a regular basis.

The following are examples of stormwater management practices that the Town of Hollis routinely follows during the site plan and subdivision review process:

- The existing zoning regulations have established limits on the amount of impervious surface that may be constructed in the various zoning districts based on potential site use and the environmental sensitivity of the general area.
- The Wetlands Conservation Overlay Zone section of the Town of Hollis Zoning Ordinance establishes a one hundred foot non-disturbance natural buffer around hydric soils, wetlands and surface waters. For all new development this buffer is strictly enforced. Relief from the ordinance must be sought through an appeal to the Zoning Board of Adjustment. In all subdivisions, developers are required to post signage (provided by the Hollis Conservation Commission and paid for by the developers) delineating the non-disturbance buffer area.
- The Town requires developers to maximize the infiltration of clean or treated surface run-off as a means to recharge the local aquifer.
- All applicants are required to prepare Erosion Control and Drainage Management plans for their projects. These plans must specify preventive measures to be implemented to protect local resource areas and to prevent sediment re-location.
- The Town routinely inspects local construction sites to ensure that the Erosion Control and Drainage Management plans are being effectively implemented. Where necessary, the Town initiates enforcement action to ensure that all deficiencies are corrected.
- Where appropriate, the Town requires applicants to submit proof that the applicant has filed a federal Notice of Intent to obtain a storm water discharge permit for construction activities. In addition, the Town requires applicants to also submit a copy of the Storm Water Pollution Prevention Plan developed for construction sites.

These practices will continue. In addition to the above, the Town continues to work with consultants on all subdivision and site plan

applications to ensure compliance with Federal, State and Local regulations. Consultants also are called in to review individual residential building permit applications, for issues involving drainage, erosion control and potential wetland impacts.

**Post Construction Runoff Control:** The Town of Hollis requires all developers and site plan engineers to design construction projects with enhanced stormwater treatment, which provides pollutant attenuation, mitigates peak rates of flow and promotes infiltration of treated surface run-off into the soil. The Town of Hollis has used these regulations in conjunction with the State of New Hampshire Alteration of Terrain permitting requirements to promote effective long-term erosion control and storm water management at local construction sites. In addition, the SMC continues to review these regulations with its consultants and submits recommendations to the Planning Board for consideration.

The following are examples of stormwater management practices that the Town of Hollis routinely adopts during building permit, site plan and subdivision review:

- The existing zoning regulations have established limits on the amount of impervious surface that may be constructed in the various zoning districts based on the potential site use and environmental sensitivity of the general area.
- The Town requires developers and site plan engineers to maximize the infiltration of clean or treated surface run-off as a means to recharge the local aquifer.
- The Town routinely requires the development of drainage designs that provide pollutant attenuation, volume and flow mitigation.
- All applicants are required to prepare Erosion Control and Drainage Management plans for their projects. These plans must specify preventive measures to be implemented to protect local resource areas and to prevent re-location of sediment.
- The Town requires the submittal of a drainage maintenance plan for commercial and industrial sites.
- The Town regularly inspects local construction sites to ensure that the drainage system is installed as originally proposed. Where necessary, the Town initiates enforcement action to ensure that all deficiencies are corrected.

These practices will continue.

**Municipal Good Housekeeping:** The Town of Hollis Public Works Department conducts annual Town wide drainage maintenance and street sweeping programs. The SMC continues to monitor storm water treatment practices at local facilities. These activities have reduced the environmental impact of municipal operations while also serving to protect local water quality.

The Town's transfer station is inspected yearly and the water quality monitored quarterly. The Public Works Department has done an excellent job promoting recycling and implementing measures to reduce the impact of stormwater run-off. Public Works employees participate in training courses and workshops throughout the year for Household Hazardous Waste recertification and Drainage. SMC members attend workshops and conferences sponsored by the Local Government Center, the Office of Energy and Planning, the New

Hampshire Department of Environmental Services (NHDES) and the American Groundwater Trust. These workshops are educational and informative and provide practical guidance regarding the protection of surface and groundwater.

The Town of Hollis continues to provide a number of disposal programs for local residents. The Town of Hollis supports the Nashua Regional Household Hazardous Waste Collection. This program sponsors six collection events annually where for a fee of \$10 per vehicle; local residents can safely dispose of a wide range of chemical waste commonly found in the home. Residents can also bring waste oil, antifreeze, batteries, fluorescent bulbs (and other items containing mercury), universal waste, waste cooking oil and ashes to the Hollis Transfer Station for proper off site disposal. This service is offered on a year round basis. These efforts help to safeguard local water quality by providing residents with several options to safely dispose of hazardous materials. This approach helps to alleviate the risk that these materials will be discarded in such a manner that could threaten local water quality. In 2010, Hollis residents utilized these collection events at a higher rate than expected (6.5 % actual participation) given the town's population share (3.6% of the region). These statistics are from the Nashua Regional Planning Commission's annual report to the Town.

The staff have been trained and directed to initiate a monthly review of each facility in order to monitor the storage and use of hazardous materials; to check for spills and releases; and to identify and correct conditions that could adversely impact stormwater quality. Furthermore, the parking lots at all public facilities are swept and cleaned as part of an annual spring clean up in order to collect and remove sand used during winter de-icing activities.

**Part III. Summary of Minimum Control Measures**

**1. Public Education and Outreach**

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./Person Name</b>	<b>Measurable Goal(s)</b>	<b>Progress on Goal(s) – Permit Year 8</b>	<b>Planned Activities – Permit Year 9</b>
1.A	Provide education and outreach material to the public.	Stormwater Management Committee	<p>Provide pamphlets at Town Hall relating to Stormwater related issues</p> <p>Publish quarterly newsletter</p> <p>Utilize public access channel and newspapers for announcements and information</p>	<p>Provided pamphlets at Town Hall regarding Shoreland protection rules and water conservation.</p> <p>The Town continued posting storm water displays and outreach materials at a variety of public events.</p> <p>Published four issues of the newsletter “The Tempest”</p> <p>Utilized the Town’s public access channel to broadcast informational material and DVDs related to source water protection</p> <p>Submitted summary of year’s activity for the 2010 Annual Town Report</p>	<p>The Town will continue to expand and modify its outreach effort.</p> <p>The Town will continue to update and expand the storm water information posted on the municipal website.</p> <p>The Committee will continue publication of the quarterly newsletter</p> <p>The Committee will update the New Resident’s packet for distribution at Town Hall.</p> <p>The Committee will submit a summary of activities for the 2011 Annual Town Report.</p>
1.B	Training on storm water for all Town of Hollis Municipal Employees	Department of Public Works And Stormwater Management Committee	Train and advise municipal staff with regard to NPDES requirements	The Public Works Director provides annual refresher training to his staff as part of the routine inspection and site management program initiated at the municipal Highway Garage, Transfer Station and Stump Dump.	Continue providing storm water management training to municipal staff as a means to re-enforce storm water awareness and promote the implementation of good housekeeping practices

1.C	Develop educational material for Hollis School District	Stormwater Management Committee Nashua Regional Planning Commission (NRPC)	Prepare educational material for local schools describing effective storm water management.	The Stormwater Curriculum ("When It Rains, It Drains") has been completed and distributed to teachers and local school districts.	The Committee will develop supplementary educational initiatives, such as poster contests and essay contests, to educate and promote awareness of the benefits of recycling, watershed protection and Stormwater Pollution Prevention.
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## 2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8	Planned Activities – Permit Year 9
2.A	Invite public to learn about and participate in local Storm Water Management Activities.	Stormwater Management Committee	Public notification <ul style="list-style-type: none"> <li>• Cable</li> <li>• Newspaper</li> <li>• Municipal Website</li> </ul>	Hollis sponsored 5 public meetings of the local Storm Water Committee to discuss local storm water management goals and practices.  The meetings of the Storm Water Committee were posted as public meetings with official notices posted at Town Hall, the Hollis Post Office and on the municipal website.	The Town proposes to continue sponsoring public meetings to keep the community informed of local storm water management activities.  The Town is also exploring the option of working with local environmental groups to augment the existing educational program.
2.B	Hold public forum to discuss compliance to the new permit (once it is adopted)	Board of Selectmen  Stormwater Management Committee	Public Hearing <ul style="list-style-type: none"> <li>• Conservation</li> <li>• Planning Bd</li> <li>• Selectmen</li> <li>• Storm Water Committee</li> </ul>	Adoption of the Illicit Discharge Detection and Elimination Regulation  The Planning Board held several public hearings on proposed zoning changes that directly relate to storm water management. Amendments passed.	The Stormwater Management Committee will continue to hold bi-monthly public meetings and workshops and during the next permit year.  The Committee will schedule a hearing regarding the new permit once it is adopted
2.C	Hold Stormwater Management Committee Public Meetings	Stormwater Management Committee	Convene public meetings to discuss local storm water management efforts	The Hollis Storm Water Committee held 5 public meetings to discuss local storm water management activities.	The Hollis Storm Water Committee plans to sponsor bimonthly public meetings to review and discuss local storm water management activities during the next permit year.  The Stormwater Management will present proposed changes to the 2008 permit for discussion in a public forum.

### 3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8	Planned Activities – Permit Year 9
3.A	Map outfalls and discharges in permit coverage area.	Department of Public Works	The drainage system located in permit area has been mapped.	The Town has developed a general map of the drainage structures located in the permit area. The Town has also GPS located and mapped drainage structures located outside the permit area.	The town will continue to maintain and update this map as development occurs.  Train Public Works staff to update and maintain database and map
3.B	Locate and map additional illicit discharges in permit coverage area.	Storm Water Committee Department of Public Works	Inspect water bodies located in the permit area to check for illicit discharges.	Two members of the Committee monitored a portion of the MS 4 area. No illicit discharges were found, however illegal dumping was discovered and the site was remediated	The Town plans to continue monitoring the area near the Nashua River and will also monitor the area around Flints Pond, an impaired water body located within the Permit Area, for illicit discharges and illegal dumping.
3.C	Analysis and reduction of TMDL levels.	Storm Water Committee	Identify impaired water bodies located within Permit Area.  Promote enhanced storm water treatment in areas draining to impaired water bodies.	The Town has identified the local water bodies designated by the New Hampshire Department of Environmental Services as impaired.  Local land use review committees have been informed of these designations and advised to seek enhanced storm water treatment for all future development within the watershed of these resource areas.	The Town will continue to monitor the quality and designation of local resource areas.  The Town will continue to promote the implementation of enhanced storm water management practices in areas draining to impaired water bodies.
3.D	Illicit Discharge Detection and Elimination Regulation	Board of Selectmen	Implement Town-wide IDDE Regulation	The IDDE Regulation was adopted and implemented during this permit year.	The Town will continue to implement and enforce the IDDE Regulation Town-wide.

#### 4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8	Planned Activities – Permit Year 9
4.A	Require storm water design reviews for all development proposals, site plan proposals and conditional use permits located with the permit area and Townwide.	Planning Board, Conservation Commission, Zoning Board of Appeals	Review local development proposals for compliance with local storm water treatment and aquifer protection standards.	<p>The Town reviewed four (4) development proposals and one (1) site plan proposal during this permit year.</p> <p>Each of these proposals was reviewed to confirm the adequacy of the storm water design and the completeness of the erosion control plan. Where appropriate, additional conditions were adopted to protect local resource areas.</p> <p>Four (4) construction sites were routinely inspected during this permit year to ensure that the proposed erosion control plan was effectively implemented.</p> <p>The Planning Board proposed an amendment to the zoning ordinance requiring a conditional use permit for commercial landscaping businesses in the residential and agricultural zone. This amendment passed at Town Meeting.</p>	<p>The Town of Hollis proposes to continue this practice during the next permit year.</p> <p>In addition, it should be noted that the Town has adopted and implemented aggressive storm water treatment and aquifer protection standards for the entire town. As a result, protective measures extend beyond the small portion of the town that is covered by NPDES.</p> <p>The Planning Board will implement and enforce this amendment to the zoning ordinance through the site plan review process.</p>
4.B	Require increased payment for development and storm water design in the permit coverage area.	Board of Selectmen	Require increased payment for development and storm water design in the permit coverage area.	<p>The Town of Hollis requires all developers to pay into a municipal escrow account that is used by the Town to hire an inspector to monitor local construction activity. Storm water management and erosion control are monitored as part of this activity.</p> <p>In addition, the Town's fee structure for residential building permits has been updated to cover administrative costs.</p>	<p>The Town of Hollis plans to continue this practice during the next permit year.</p>

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

MP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8	Planned Activities – Permit Year 9
5.A	Inspect and report on compliance of newly constructed storm water best management practices in the permit coverage area.	Planning Board Engineering Consultant	Conduct site inspections to monitor the construction and maintenance of storm water treatment features.	The local engineering consultant conducted eighty-four (84) inspections during permit year 8. Forty (40) of these inspections were for the oversight of the Flints Pond hydro-raking project, twenty-one (21) were for culvert replacements, and seventeen (17) were for general compliance.  In addition, the Town of Hollis now requires the submittal of “as built plans” for all new construction. This approach has helped the Town to track and record local drainage improvements.	The Town plans to continue these practices during the next permit year.

### 6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8	Planned Activities – Permit Year 9
6.A	Continue catch basin cleaning program in permit coverage area.	Department of Public Works	Continue routine inspection and cleaning program of catch basins located in permit area. Expand Town-wide	DPW sponsored a routine inspection and maintenance program for the drainage structures located in the permit area and throughout the Town	Continue Town-wide routine maintenance program and maintenance efforts
6.B	Continue street sweeping program in the permit coverage area.	Department of Public Works	Continue street sweeping program in the permit area. Expand Town-wide	The DPW continues to implement a Town-wide annual street sweeping program.	Continue Town-wide municipal street sweeping program.

6.C	Continue development of computerized database catalog and GIS mapping records of storm water structures located within the permit coverage area.	Department of Public Works	Develop and maintain computer database of drainage system located with the permit area. Expand Town-wide	The Department of Public Works has developed a computer database of the drainage structures located within the permit area. DPW continues to update these records as new structures are constructed.	DPW will continue to update these records as new structures are constructed.
6.D	Continue inspecting and cataloging of storm water structures located in the permit coverage area	Department of Public Works	Inspect and record the drainage structures located in the permit area. Expand Town-wide.	DPW has cataloged and mapped the drainage structures located in the permit area. DPW has also cataloged and mapped structures located outside the permit area.	All future drainage structures constructed in the permit area will be added to this database. Municipal staff will continue to maintain and expand this database in order to document all the structures located in town.

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

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8	Planned Activities – Permit Year 9
7.A	The Town of Hollis continues to monitor the progress of the NH DES to identify impaired water bodies and to establish TMDL's for these resources.	Stormwater Management Committee	Advise and inform local officials and the development community when NH DES adopts TMDL's for water bodies located within the local permit area.	The Town continues to monitor and review local water bodies designated as impaired by NH DES. In July of 2009, AECOM submitted a draft TMDL for Flints Pond in Hollis to US EPA Region 1. This report is available to the public at the Hollis Town Hall.	The Town will continue to monitor the status of the local impaired waterways.  The Town will initiate control and preventative measures when a TMDL is adopted for a water body located within the Hollis permit area.

**7a. Additions**


**7b. WLA Assessment ----- N/A**

#### **Part IV. Summary of Information Collected and Analyzed**

- The Hollis Stormwater Management Committee has reviewed the water quality databases maintained by the New Hampshire Department of Environmental Services and the U.S. Environmental Protection Agency. During this review, we determined that there are no designated prime wetlands present in Hollis as defined by NH DES. However, Silver Lake, Flints Pond, Rocky Pond, Rocky Pond Brook III, Witches Brook, Pennichuck Pond, Pennichuck Brook II, and the Nissittissit and Nashua Rivers all fall under the NH DES Shoreland Protection Act. Five local water bodies appear on the 303 (d) list of impaired water bodies prepared by NH DES. The impaired water bodies include: the Nashua River, Flints Pond, Silver Lake, Muddy and Pennichuck Brooks. A draft TMDL for Flints Pond in Hollis was submitted to US EPA Region 1 in July of 2009. A regional TMDL has been adopted for basically all the water bodies located in Hollis and throughout New Hampshire to address the impacts created by the atmospheric deposition of mercury. This TMDL is an attempt to address impairments created by mercury deposition originating from emission sources located outside of New Hampshire. There are no known sources of mercury located in Hollis. The committee hopes to use this information to develop outreach materials to better inform local residents how their actions can influence local water quality while also describing preventive measures that can be initiated. Posters informing the public of the law banning the disposal of mercury-added products have been posted at the transfer station and in other public locations. In an effort to prevent improper disposal of mercury-containing products, the transfer station accepts these products, including fluorescent light bulbs, for recycling without charging a fee to residents.
- Site modifications continue to be implemented at the Hollis Stump Dump, Transfer Station and Highway Garage to enhance materials management and improve the treatment of stormwater at each of these sites.
- Drainage improvements were made at the Transfer Station. Retention basins were enlarged to promote onsite infiltration.
- Quarterly water sampling at the Transfer Station: due to drought conditions during the summer and excessive ice and snow during the winter, there was no discharge from the site during this permit cycle. The SMC would like to pursue obtaining a waiver of the quarterly monitoring of this site during the next permit year.
- Drainage improvements were completed during this permit year along the following Town roads: Witches Spring, South Merrimack, Farley, Pierce Lane, Rocky Pond, Van Dyke, Nevins, Winding Valley, Laurel Hill, Glenice, Muzzey and Federal Hill. Culvert work, including installation of new culverts, replacement, and repair of existing culverts occurred on South Merrimack Road, Pierce Lane, Witches Spring Road, Worcester Road, Federal Hill Road, Van Dyke Road and Louise Drive
- Street sweeping was conducted by F. B. Hale, Inc. in April, 2011
- In August of 2010, Felix Septic cleaned 560 catch basins.
- Additional information, agendas and Public Meeting Minutes can be supplied upon request.

**Part V. Program Outputs & Accomplishments (OPTIONAL)**

**Programmatic**

Storm water management position created/staffed	Cathy Hoffman continues to serve as the Storm Water Coordinator
Annual program budget/expenditures	Approx \$5,000 for consulting fees

**Education, Involvement, and Training**

Estimated number of residents reached by education and outreach program(s)	30%
Storm water management committee established	The Stormwater Management Committee continues to meet on a bimonthly basis.
Shoreline clean-up participation or quantity of shoreline miles cleaned	None
Household Hazardous Waste Collection Days	6 days scheduled this permit year
<ul style="list-style-type: none"> <li>▪ days sponsored</li> <li>▪ community participation</li> <li>▪ material collected</li> </ul>	6 days 6.5%
waste oil, antifreeze, car batteries, mercury-containing products, waste cooking oil, ashes and waste sheet rock.	Collected year round at the Transfer Station. Compost, and yard waste are collected at the Stump Dump. Demolition material is collected at the Stump Dump and hauled to a waste disposal facility
School curricula implemented	Yes

In Place  
Prior to  
Phase II

Under  
Review

Drafted

Adopted

Regulatory Mechanism Status (indicate with "X")	In Place Prior to Phase II	Under Review	Drafted	Adopted
<ul style="list-style-type: none"> <li>▪ Illicit Discharge Detection &amp; Elimination</li> <li>▪ Erosion &amp; Sediment Control (integrated into zoning ordinance, site plan regulations and building permit approvals)</li> <li>▪ Post-Development Stormwater Management</li> </ul>				X
Accompanying Regulation Status (indicate with "X")		X	X	
<ul style="list-style-type: none"> <li>▪ Illicit Discharge Detection &amp; Elimination</li> <li>▪ Erosion &amp; Sediment Control (integrated into zoning ordinance, site plan regulations and building permit approvals)</li> <li>▪ Post-Development Stormwater Management</li> </ul>				X
<ul style="list-style-type: none"> <li>▪ Erosion &amp; Sediment Control (integrated into zoning ordinance, site plan regulations and building permit approvals)</li> <li>▪ Post-Development Stormwater Management</li> </ul>		X	X	X

**Mapping and Illicit Discharges**

Outfall mapping complete	100% in permit area
Estimated or actual number of outfalls	15 in permit area
System-Wide mapping complete	100% in permit area 95% Townwide
Mapping method(s)	
<ul style="list-style-type: none"> <li>▪ Paper/Mylar</li> <li>▪ CADD</li> <li>▪ GIS</li> </ul>	75%
	10%
	90%
Outfalls inspected/screened	15
Illicit discharges identified	2
Illicit connections removed	N/A
% of population on sewer – Hollis is a town of well water and septic systems	(0%)
% of population on septic systems	(100%)

**Construction**

Number of construction starts (>1-acre)	
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Estimated percentage of construction starts adequately regulated for erosion and sediment control	100%	
Site inspections completed	100%	
Tickets/Stop work orders issued	1	Pending
Fines collected	None	
Complaints/concerns received from public	*5	
	Recent-Pending resolution	

### Post-Development Storm water Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction storm water control	100%	
Site inspections completed	100%	
Estimated volume of storm water recharged	unknown	

### Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	1 / YR	
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	1 / YR	
Total number of structures cleaned	560	
Number of storm drains cleaned	0	
Qty. of screenings/debris removed from storm sewer infrastructure	250 cu yds	
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)	Recycled	
Cost of screenings disposal	None	

Average frequency of street sweeping (non-commercial/non-arterial streets)	1 / YR	
Average frequency of street sweeping (commercial/arterial or other critical streets)	1 / YR	
Qty. of sand/debris collected by sweeping	500 cu yds	
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	Recycled	
Cost of sweepings disposal	NONE	
Vacuum street sweepers purchased/leased	NONE	
Vacuum street sweepers specified in contracts	1 sweeper; 1 dump truck contracted	

Reduction in application on public land of: ("N/A" = never used; "100%" = elimination)

<ul style="list-style-type: none"> <li>▪ Fertilizers</li> </ul>	NONE	
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▪ Herbicides	NONE	
▪ Pesticides	NONE	

Anti-/De-Icing products and ratios	NaCl & Sand	NaCl-straight NaCl:Sand 1:1-1:6
Pre-wetting techniques utilized	YES	
Manual control spreaders used	NO	
Automatic or Zero-velocity spreaders used	YES	
Estimated net reduction in typical year salt application	0	0
Salt pile(s) covered in storage shed(s) – New salt shed completed in 2006	YES	
Storage shed(s) in design or under construction	In use since 2006	