Municipality/Organization: Town of Hollis, New Hampshire

EPA NPDES Permit Number: NHR041011

Annual Report Number & Reporting Period: No. 7: April 09-April 10

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

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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: 4-19-10

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 Seven, 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 storm water management activities on behalf of the Town of Hollis. The SMC is composed of representatives of the following municipal departments: administration; building; conservation; planning; and public works. One member is an appointed volunteer from the community. The SMC periodically invites consultants, including an environmental scientist, the Town's septic inspector 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. The SMC held four 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.
The following is a general summary of the Town's efforts during Permit Year Seven.

Public Education/Outreach: The SMC continues to provide a variety of written and visual resource materials to educate and inform the public regarding storm water issues. In March of 2009, the first issue of "*The Tempest*", the SMC's quarterly newsletter was published. Four additional issues have been published in June, September and December of 2009 and in March of 2010. This newsletter covers a wide range of water quality issues and also keeps the public updated on improvements made to public facilities, such as the transfer station, pollution prevention, and other informational material that is related to storm water management and the environment. The newsletter can be found on the Town's website at www.hollis.nh.us . Hard copies are available to the public at the Town Hall and Library. The SMC will continue this outreach effort.

The SMC periodically broadcasts informational videos and power point presentations on the Town's public access channel. One such video is "Septic System Management for Homeowners". This video is particularly important since the Town of Hollis does not have a municipal sewer system. All residences and businesses have private sewage disposal systems. The SMC also submitted a Power Point presentation on the proper disposal of pharmaceuticals entitled "What's in Your Medicine Cabinet" for broadcast on the public access channel. This presentation was based on an article written by a SMC member for an issue of *"The Tempest"*.

The SMC continues to provide information and conduct outreach sessions targeting local residents during community events such as Old Home Day 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. It should be noted that the focus of the 2009 Annual Town Report was recycling. The intent was to convey to the public that recycling saves resources and improves water and air quality by reducing the amount of material deposited in a landfill and incinerated. Detailed diagrams of the Town's transfer station and stump dump were included in the 2009

Annual Town Report to make it more convenient for the public to recycle. Six hundred 2009 Annual Town Reports were printed and handed out prior to, and at, the annual March Town Meeting. Feedback from the public was very positive.

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.

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. 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. A local landscape business owner has offered to write an article on rain gardens for a future issue. 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.

The SMC, working in conjunction with the Hollis Conservation Commission, the Hollis Brookline Rotary Club, local Boy and Girl Scout troops and other volunteers, organized and participated in the Annual Roadside Cleanup. This event was held on April 17th 2010. Volunteers collected litter from Town roads. Glass, plastic and aluminum were sorted from the trash and recycled. Several truckloads of trash, including tires, were collected and taken to the transfer station for proper disposal.

In 2007, voters in Hollis overwhelmingly passed Petitioned Warrant Article 14: New Hampshire Climate Change Resolution. This resolution encourages New Hampshire cities and towns to "work for emission reductions within their communities" and asks the municipalities to establish a local energy committee that would "recommend local steps to save energy and reduce carbon emissions". On April 13th 2009 the Hollis Board of Selectmen established the Hollis Energy Committee. This six-member committee includes three volunteers from the community and three Town staff members who are also members of the SMC. The Hollis Energy Committee is currently working with the Nashua Regional Planning Commission and a local environmental group, Project PROGRESS (PROgram for GReen Energy for our SchoolS), to conduct energy audits on municipal and school buildings, identify energy inefficiencies and recommend practical economic and environmental solutions. The Hollis Energy Committee was recently awarded $213,400 in EECBG (Energy Efficiency Community Block Grant) funding to complete lighting upgrades and to perform investment grade audits of the Town's municipal buildings and the schools. Working in conjunction with the Public Service of New Hampshire Smart Start Program, the lighting upgrades, after Smart Start is completed, are expected to produce a savings of 422,316 Kwh per year. Though not directly related to storm water, this effort indirectly affects water quality by reducing emissions.

Illicit Discharge Detection & Elimination: In December of 2009 the Board of Selectmen adopted and the Town implemented an Illicit Discharge Detection and Elimination (IDDE) Regulation. The adoption of the IDDE Regulation fulfills a compliance requirement of the Town's NPDES PII Small MS4 General Permit. Since adoption, two suspected illicit discharges were investigated and resolved. The Town of Hollis will continue to investigate and resolve all suspected illicit discharges.

Construction Site Runoff Control: The Town of Hollis continues to actively use the regulatory building permit, site plan and subdivision review processes and the Town's zoning ordinances to require the implementation of enhanced land use planning provisions that promote environmental stewardship, surface water and groundwater protection. The Town routinely requires developers to initiate engineering controls and construction management practices to treat storm water and protect the quality of the local surface waters and aquifers. The Town of Hollis uses municipal regulations and ordinances in conjunction with the State of New Hampshire Site Specific Permit and Erosion Control permitting requirements to promote effective erosion control and storm water management at local construction sites. In March of 2009 the voters passed several amendments to the Hollis Zoning Ordinance. These amendments bring the zoning ordinance into compliance with the current New Hampshire Department of Environmental Services Alteration of Terrain Regulations.

The following are examples of storm water 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. 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 to design construction projects with enhanced storm water 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 storm water 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 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 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 community 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 Public Works Department continues to implement a routine inspection and maintenance program at the Highway Garage, Transfer Station and Stump Dump. In 2009, the SMC filed a Notice of Termination for the Hollis Stump Dump. After review of a letter from the SMC Coordinator regarding the activities that take place at the Stump Dump, the Regulator (Region 1 of the EPA), determined that

the primary use at this facility was composting, which is not regulated industrial activity. However, the Public Works Department continues to monitor and implement improvements at this site, such as the installation of roll-off dumpsters, to ensure adequate protection of the water supply.

The Transfer Station has seen several improvements during this permit year. In the spring of 2009, a drainage swale with sediment detention barriers was installed to control run-off from the site. In July (2009), the Public Works Department received a grant from the New Hampshire Department of Environmental Services for the Used Motor Oil Program. A portion of this funding was used to construct a covered shed for the drop off of used motor oil. In April of 2010, the Town of Hollis Public Works Department received an award of $3,400 from New Hampshire the Beautiful towards the purchase of three (3) roll-off dumpsters, which will be used for storage and transportation of scrap metal and demolition material that were previously stored on the ground and the most probable cause of high levels of dissolved metals found in the transfer station water samples. The SMC hopes to see an improvement in the water quality at the transfer station once these dumpsters are in place.

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 disposal 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 2009, Hollis residents utilized these collection events at a higher rate than expected (5.7 % of the total participation) given the town's population share (3.5% 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 storm water 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.

Public Works Department employees attend training courses and workshops throughout the year. During this permit year training included: Salt Reduction in Winter Road Maintenance and Culvert Installation and Maintenance

Members of the SMC attend periodic workshops, including the annual DES Drinking Water Source Protection Workshop sponsored by the NHDES and the American Groundwater Trust. This workshop provides practical training on protecting local water resources.

Part III. Summary of Minimum Control Measures

1. Public Education and Outreach

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7	Planned Activities – Permit Year 8
1.A	Continue providing education and outreach material to the public.	Stormwater Management Committee	Provide pamphlets at Town Hall relating to Storm Water Publish quarterly newsletter Utilize public access channel and newspapers for announcements and information	Provided storm water pamphlets at Town Hall regarding water conservation and Modified municipal storm water website to provide additional information to the public. The Town continued posting storm water displays and outreach materials at a variety of public events. Town published two storm water related public announcements in the local weekly newspaper regarding the IDDE Regulation Published four issues of the newsletter "The Tempest" Utilized the Town's public access channel to broadcast informational material and DVDs related to source water protection Submitted summary of year's activity and goals for the Annual Town Report	The Town will continue to expand and modify its outreach effort. The Town will continue to update and expand the storm water information posted on the municipal website. The Committee will continue publication of the quarterly newsletter

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	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-enforcement storm water awareness and promote the implementation of good housekeeping practices
1.C	Develop educational material for Hollis School District	Stormwater Management Committee	Prepare educational material for local schools describing effective storm water management.	Hollis joined a collaborative effort led by the Nashua Regional Planning Commission to share the cost and to develop a storm water curriculum for use by local schools. Due to the resignation of the leader of this initiative, the NRPC did not complete this project as proposed.	The Nashua Regional Planning Commission is in the process of renewing this effort. The Town of Hollis plans to participate.

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7	Planned Activities – Permit Year 8
2.A	Invite public to learn about and participate in local Storm Water Management Activities.	Stormwater Management Committee	Public notification • Cable • Newspaper • Municipal Website	Hollis sponsored 4 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 the implementation of the Phase II permit and compliance	Board of Selectmen Stormwater Management Committee	Public Hearing • Conservation • Planning Bd • Selectmen • Storm Water Committee	The Selectmen held a public hearing for the adoption of the IDDE Regulation. The Planning Board held several public hearings on proposed zoning changes that directly relate to storm water management	The Stormwater Management Committee will continue to hold bi-monthly public meetings and workshops and during the next permit year.
2.C	Hold NPDES Phase II Committee Public Meeting	Board of Selectmen	Convene public meetings to discuss local storm water management efforts	The Hollis Storm Water Committee held 9 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.

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7	Planned Activities – Permit Year 8
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.
3.B	Locate and map additional illicit discharges in permit coverage area.	Storm Water Committee	Inspect water bodies located in the permit area to check for illicit discharges.	This action was overlooked during this Permit Year.	The Town plans to monitor two water bodies located within the Permit Area for illicit discharges during Permit Year 8.
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 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 7	Planned Activities – Permit Year 8
4.A	Require storm water design reviews for all development proposals located with the permit area.	Planning Board, Conservation Commission, Zoning Board of Appeals	Review local development proposals for compliance with local storm water treatment and aquifer protection standards.	The Town reviewed three (3) development proposals and three (3) site plan proposals during this permit year. 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. Four (4) construction sites were routinely inspected during this permit year to insure that the proposed erosion control plan was effectively implemented. The Stormwater Management Committee reviewed proposed amendments to the zoning ordinance These amendments conform to the new requirements and Best Management Practices of the New Hampshire Department of Environmental Services Alteration of Terrain Regulations. Voters at Town Meeting overwhelmingly passed these amendments in March of 2009.	The Town of Hollis proposes to continue this practice during the next permit year. 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. The Town will implement and enforce the amendments to the zoning ordinance.

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.	The Town's fee schedule was revised in the fall of 2009 to cover the administrative costs of issuing permits. 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.	The Town of Hollis plans to continue this practice during the next permit year.

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

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7	Planned Activities – Permit Year 8
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 of storm water treatment features.	The local engineering consultant conducted forty (40) inspections during permit year 7. The purpose of these inspections is to monitor the installation of storm water treatment features. 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 7	Planned Activities – Permit Year 8
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 7	Planned Activities – Permit Year 8
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

Part IV. Summary of Information Collected and Analyzed

- The Hollis Storm Water 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 Nissitissit 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 storm water at each of these sites.
- Drainage improvements were made at the Transfer Station
- Quarterly water sampling was completed at the Transfer Station. Samples were analyzed and the results were reported to the EPA.
- Drainage improvements were completed during this permit year along the following Town roads: Wood Lane, Federal Hill Road. New culverts were installed on Flagg and Federal Hill Roads. Replacement culverts were installed on Federal Hill Road, Fieldstone Drive, Hillside Drive and Twiss Lane. The Wright Road Bridge and culvert were replaced in September.
- Street sweeping was conducted by F. B. Hale, Inc. from March 22, through April 5, 2010
- In August of 2009, Bellemore Catch Basin Maintenance cleaned 537 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	
▪ days sponsored	6 days	
▪ community participation	5.7%	
▪ material collected 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	Not at this time	

	In Place Prior to Phase II	Under Review	Drafted	Adopted
Regulatory Mechanism Status (indicate with "X")				
▪ Illicit Discharge Detection & Elimination				X
▪ Erosion & Sediment Control (integrated into zoning ordinance, site plan regulations and building permit approvals)				X
▪ Post-Development Storm water Management		X	X	
Accompanying Regulation Status (indicate with "X")				
▪ Illicit Discharge Detection & Elimination				X
▪ Erosion & Sediment Control (integrated into zoning ordinance, site plan regulations and building permit approvals)				X
▪ Post-Development Storm water Management		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)		
▪ Paper/Mylar	75%	
▪ CADD	10%	
▪ GIS	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)	4	
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	537	
Number of storm drains cleaned	20	
Qty. of screenings/debris removed from storm sewer infrastructure	100 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	400 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)		
▪ Fertilizers	NONE	
▪ 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	
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	