

Municipality/Organization: Town of Hollis, New Hampshire

EPA NPDES Permit Number: NHR041011

Annual Report Number

& Reporting Period: No. 6: April 08-April 09

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Troy Brown

Title: Town Administrator

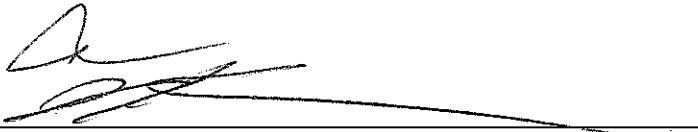
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Certification:

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: April 29, 2009

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 Six, the Town of Hollis was able to sustain and re-invigorate the local storm water management initiative. Cathy Hoffman, the Assistant Town Administrator, has been designated the local Storm Water Coordinator. Ms. Hoffman has re-established the Hollis Storm Water Committee and supervised regular meetings of this advisory committee. The Hollis Storm Water Committee 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 Hollis Storm Water Committee periodically invites consultants, such as the Town's storm water consultant, septic inspector and construction engineer, to meetings in order to keep the committee informed of changes in regulations at the state and federal levels. The committee provides outreach to the community and actively implements storm water management activities on behalf of the Town of Hollis. The Hollis Storm Water Committee met nine times during this reporting period. The minutes of the public meetings of the Hollis Storm Water Committee have been posted on the municipal website at www.hollis.nh.us for review.

The following is a general summary of the Town's efforts during Permit Year Six.

Public Education/Outreach: The Town of Hollis continues to provide a variety of written resource materials to educate and inform the public of the need to improve local storm water management. These educational materials have been posted at the Town Hall and the public library. The Town has also published two public service announcements in the local weekly newspaper. One public service announcement identified local impaired water bodies and described how residents could help protect these resource areas. The other public service announcement described illicit discharges and explained the need to control and eliminate these discharges. In addition, a section of the municipal website has been developed to support the distribution of information describing local storm water management activities. This resource also provides tips and suggestions outlining how residents can support efforts to improve water quality. The website is updated quarterly. The town continues to provide municipal staff with periodic training and updates as new employees are hired and as new issues are identified. In addition, municipal staff continues to provide information and conduct outreach sessions targeting local residents during community events such as Old Home Days and the annual Earth Day Roadside Cleanup. The committee also submits a report summarizing the past year's activities and future goals for inclusion in the Town's Annual Report.

The Hollis Storm Water Committee is currently in the process of updating the Town of Hollis's New Residents' Packet to include revised information on septic system maintenance, water quality testing for private wells, recycling, hazardous waste disposal and "Simple Steps to Keep Our Waters Clean".

The Town of Hollis has joined a collaborative effort sponsored by the Nashua Regional Planning Commission (NRPC) to promote the development of a Storm Water curriculum for use by the local schools. As part of this effort eight communities have agreed to fund this project. This approach will enable these communities to pool their resources and develop a more viable educational tool that can be implemented at a regional level. To date, the research and coordination with the schools has been completed. The Curriculum Development task has been partially completed. A delay in the project occurred, after learning of copyright protections in some of the materials intended for use in the curriculum development. Suitable replacement materials were developed and new lesson plans are being developed. The Nashua Regional Planning Commission anticipates that the remaining work on the project, including Teach-the-Teacher workshops, will be completed in late May or early June of 2009.

Public Participation: The Town of Hollis Storm Water Committee sponsored nine public meetings to discuss local storm water management activities during Permit Year Six. Each of these meetings was announced and posted in accordance to the New Hampshire open meeting requirements. The public is invited to attend these meetings. On two occasions, members of the general public did attend a meeting of the Hollis Storm Water Committee in order to learn about local storm water management efforts.

The minutes for each of the Storm Water Committee meetings have been posted on the municipal website for public review. The Town of Hollis continues to explore ways to make the municipal website more user friendly while also posting information notices at public facilities as a means to keep the general public informed of local storm water management activities and where interested parties can make inquiries.

The Hollis Storm Water Committee, in conjunction with the Hollis Conservation Commission, the Hollis Brookline High School Green Club, community organizations (including the Rotary Interact and Cub Scouts) and other volunteers, organized and participated in an Earth Day Roadside Cleanup. Volunteers collected litter from Town roads. Glass, plastic and aluminum were sorted from the trash and recycled. Several truckloads of trash, including seventeen 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 emissions". On April 13th 2009 the Hollis Board of Selectmen established the Hollis Energy Committee. This five member committee of volunteers from the community and Town staff is currently working with the Nashua Regional Planning Commission and Project PROGRESS (PROGRAM for GREEN Energy for our Schools) to conduct energy audits on municipal and school buildings, identify the energy inefficiencies and recommend practical economic and environmental solutions.

Illicit Discharge Detection & Elimination: During Permit Year Six, the Hollis Storm Water Committee continued developing an Illicit Discharge Regulation to be adopted by the community. The draft has been completed and submitted to local land use review committees for review and endorsement. The adoption of the proposed regulation is a priority for the Storm Water Committee during permit year seven. Pending the adoption of a local regulation the Town of Hollis will utilize the authority granted by the State of New Hampshire health regulations governing the installation and use of septic systems to investigate illicit discharges detected in town. Based on the rural nature of the community, it is anticipated that any illicit discharge detected in town will most likely to be related to improper septic discharges, floor drains, sump pumps or the re-direction of springs and surface water. The Town of Hollis will continue to investigate and resolve all illicit discharges discovered during this effort.

Construction Site Runoff Control: The Town of Hollis continues to actively use the site plan review process and several municipal zoning ordinances to require the implementation of enhanced land use planning provisions that promote environmental stewardship and aquifer 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 aquifer. The Town of Hollis uses municipal regulations 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.

The following are examples of storm water management practices that the Town of Hollis routinely adopts during the site plan review process:

- The existing zoning regulations have established limits on the amount of impervious surface that may be constructed in the various planning 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 often seeks 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 re-location of sediment.
- 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. With assistance from the Nashua Regional Planning Commission, the Town has revised the Town has begun to review and revise the local Subdivision Regulations and Zoning Ordinance in order to incorporate additional provisions to promote Low Impact Development, promote aquifer protection and enhance storm water treatment.

Post Construction Runoff Control: Since 2001, the Town of Hollis has utilized the municipal zoning ordinance to incorporate a series of enhanced land use planning provisions that promoted environmental stewardship and aquifer protection into local site design. These standards established a number of local standards which required developers to design all construction projects with enhanced storm water treatment which provided pollutant attenuation, mitigated peak volumes and promoted infiltration of treated surface run-off. The Town of Hollis has used these regulations in conjunction with the State of New Hampshire Site Specific Permit and Erosion Control permitting requirements to promote effective long-term erosion control and storm water management at local construction sites. These practices continue to be implemented by the Town. In addition, the Hollis Storm Water Committee plans to review and revise these regulations to incorporate a number of the enhanced

storm water treatment standards adopted by the New Hampshire Department of Environmental Services when it revised the New Hampshire Alteration of Terrain Permit in January 2009 and issued the New Hampshire Storm Water Manual in December 2008.

The following are examples of storm water management practices that the Town of Hollis routinely adopts during the site plan review process:

- The existing zoning regulations have established limits on the amount of impervious surface that may be constructed in the various planning districts based on the potential site use and environmental sensitivity of the general area.
- The Town often seeks 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 often 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 conducts an annual Town wide drainage maintenance and street sweeping program. This program continued during Permit Year Six. The community continued 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.

In addition, the Town of Hollis continues to provide a number of disposal programs for local residents. The Town of Hollis continues to support the Nashua Regional Household Hazardous Waste Collection program. This program sponsors six collection events annually where local residents can safely dispose of a range of chemical waste commonly found in the home. Residents can also bring waste oil, antifreeze, automotive

batteries, 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 2008, Hollis residents utilized these collection events at a higher rate than expected (5.2 % of the total participation) given the town's population share (3.6%). These statistics are from the Nashua Regional Planning Commission's annual report to the town.

The Department of Public Works continues to implement a routine inspection and maintenance program at the Highway Garage, Transfer Station and Stump Dump. 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.

These efforts will continue during Permit Year Seven.

The Town of Hollis continues to collaborate with the Nashua Regional Planning Commission and the New Hampshire Department of Transportation on regional storm water management concerns. This group, the Nashua Region Storm Water Coalition, meets on a periodic basis to share information and to investigate opportunities where the communities can work together to support regional storm water management efforts. Working in conjunction with the Nashua Regional Planning Commission, the Director of Public Works and staff revised, the Town's road and driveway standards to include low maintenance drainage solutions for storm water control, which will ensure their future operation and effectiveness. The Hollis Planning Board has adopted these standards.

In addition, members of the Storm Water Committee 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 6	Planned Activities – Permit Year 7
1.A	Continue providing education and outreach material to the public.	Hollis Storm Water Committee	Provide pamphlets at Town Hall relating to Storm Water	Provided storm water pamphlets at Town Hall. 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. Submission of summary of year's activity and goals for the annual Town Report	The Town will continue to expand and modify its outreach effort. Two new public service announcements are planned for this year. The Town will continue to update and expand the storm water information posted on the municipal website.
1.B	Training on storm water for all Town of Hollis Municipal Employees	Department of Public Works And Hollis Storm Water Committee	Train and advise municipal staff with regard to NPDES	The Superintendent of Public Works 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	Hollis Storm Water Committee	Prepare educational material for local schools describing effective storm water management.	Hollis joined a collaborative effort led by the Nashua Regional Planning Council 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.	Hollis will review this issue and seek to develop an alternative means to promote the study of storm water science within the local schools.

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 6	Planned Activities – Permit Year 7
2.A	Invite public to lean about and participate in local Storm Water Management Activities.	Board of Selectmen	Public notification • Cable • Newspaper • Municipal Website	Hollis sponsored 9 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 Library and on the municipal website. Residents attended two of these meetings.	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	Public Hearing • Conservation • Planning Bd • Selectmen • Storm Water Committee	Hollis sponsored 9 public meetings to discuss local storm water management goals and practices.	The Town plans to sponsor bimonthly meetings of the Storm Water Committee 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 6	Planned Activities – Permit Year 7
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 accidentally overlooked during this Permit Year.	The Town plans to monitor two water bodies located within the Permit Area for illicit discharges during Permit Year 7.
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.

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 6	Planned Activities – Permit Year 7
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 proposal for compliance with local storm water treatment and aquifer protection standards.	The Town reviewed eleven (11) development 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. Eight (8) construction sites were routinely inspected during this permit year to insure that the proposed erosion control plan was effectively implemented.	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. Municipal staff plan to review and propose the modification of local planning and zoning regulations to incorporate storm water improvements recently adopted by the New Hampshire Dept. of Environmental Services.
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 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 Storm water Management in New Development and Redevelopment

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 6	Planned Activities – Permit Year 7
5.A	Inspect and report on compliance of newly constructed storm water best management practices in the permit coverage area.	Planning Board	Conduct site inspections to monitor the construction of storm water treatment features.	Local inspectors conducted eighty-eight (88) inspections during permit year 6. One 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 6	Planned Activities – Permit Year 7
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.	DPW sponsored a routine inspection and maintenance program for the drainage structures located in the permit area.	Continue routine maintenance program and expand maintenance efforts to include the entire town.
6.B	Continue street sweeping program in the permit coverage area.	Department of Public Works	Continue street sweeping program in the permit area.	The DPW continues to implement an annual street sweeping program.	Continue 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.	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.	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 6	Planned Activities – Permit Year 7
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.	Hollis Storm Water 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. NH DES has not adopted any TMDL's for water bodies located within Hollis permit area.	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. Specific TMDL's have not yet been developed for the impairments noted in these water bodies. 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. As of January 1st, 2008, New Hampshire law banned the disposal of mercury-added products. Posters informing the public of the law 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 completed during this permit year along the following Town roads: Hickory Lane, Farm Pond Lane, Meadow Drive, South Merrimack Road, Dalkeith Road, Southgate Road and Hillside Drive. In addition the catch basin at the intersection of Farley and Nevins Roads was rebuilt. A catch basin was repaired on Powers Road. Two catch basins were installed on Wright Road to correct drainage issues on a section of that road. The Rocky Pond Road and Ames Road culverts were replaced. In addition, the New Hampshire Department of Transportation (NHDOT) with assistance from the Hollis Department of Public Works reconstructed a failed culvert bridge on Depot Road.
- 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 \$12,000 Consulting Fees	

Education, Involvement, and Training

Estimated number of residents reached by education and outreach program(s)	20%	
Storm water management committee established	The Storm Water Committee Continues to meet on a regular basis.	
Stream teams established or supported	Committee Exists	
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	5.2%	
▪ 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. Building materials are collected at the Stump Dump.	
School curricula implemented	Not at this time	

Regulatory Mechanism Status (indicate with "X")				In Place Prior to Phase II	Under Review	Drafted	Adopted
▪ Illicit Discharge Detection & Elimination					X		
▪ Erosion & Sediment Control					X		
▪ Post-Development Storm water Management					X		
Accompanying Regulation Status (indicate with "X")							
▪ Illicit Discharge Detection & Elimination					X		
▪ Erosion & Sediment Control					X		
▪ Post-Development Storm water Management					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 90% Townwide	
Mapping method(s)			
▪ Paper/Mylar		75%	
▪ CADD		10%	
▪ GIS		90%	
Outfalls inspected/screened		15	
Illicit discharges identified		0	
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)	8	
Estimated percentage of construction starts adequately regulated for erosion and sediment control	100%	
Site inspections completed	100%	
Tickets/Stop work orders issued	0	
Fines collected	NONE	
Complaints/concerns received from public	1	Measures implemented to correct

Post-Development Storm water Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction storm water control	80%	
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	395	
Number of storm drains cleaned	0	
Qty. of screenings/debris removed from storm sewer infrastructure	200 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	
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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 sweepers; 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	NO	
Manual control spreaders used	NO	
Automatic or Zero-velocity spreaders used	YES	
Estimated net reduction in typical year salt application	N/A	
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	