Civil Engineers
Structural Engineers
Traffic Engineers
Land Surveyors
Landscape Architects
Scientists

1968 - 2008
40
YEARS OF EXCELLENCE
TFMoran Inc.

April 8, 2008

Thelma Murphy
US EPA, Region 1/ Office of Ecosystem Protection
1 Congress Street, Suite 1100
(CMU)
Boston, MA 02114-2023

RECEIVED
APR 09 2008
PLANNING DEPT.
PELHAM, NH

Jeff Andrews
New Hampshire Department of Environmental Services
Wastewater Engineering Bureau
6 Hazen Drive
PO Box 95
Concord, NH 03302-0095

RE: Municipal Separate Storm Sewer Systems (MS4s)
General Permit Annual Report – No. 4 March 2006 – March 2007
Town of Pelham, NH

Dear Ms. Murphy:

TFMoran Inc. (TFM) is pleased to submit for the Town of Pelham, New Hampshire their NPDES PII Small MS4 General Permit Annual Report in compliance with the Storm Water Phase II MS4 regulations.

Please feel free to contact me at (603) 472-4488 with any questions or comments.

Thank you.

Sincerely,
TFMoran Inc.

Daniel Blais
Senior Project Manager

CC: Town of Pelham

48 Constitution Drive
Bedford, NH 03110
Phone (603) 472-4488
Fax (603) 472-9747
www.tfmoran.com

Municipality/Organization: **Pelham, NH**

EPA NPDES Permit Number: **NHR041025**

Annual Report Number & Reporting Period: **No. 4: March 2006-March 2007**

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Jeff Gowan Title: Planning Director

Telephone #: 603.635.7811 Email: jgowan@pelhamweb.com

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: Jeff Gowan

Printed Name: JEFF GOWAN

Title: PLANNING DIRECTOR

Date: APRIL 9, 2008

Part II. Self-Assessment

The Town of Pelham has completed the required self-assessment and has determined that our municipality is in compliance with all permit conditions and Best Management Practices (BMP).

Part III. Summary of Minimum Control Measures

1. Public Education and Outreach

BMP ID #	BMP Description	Permit Year 3 2005 (Reliance on non-municipal partners indicated, if any)	Permit Year 4 2006	Permit Year 5 2007
1.1	**BMP Description** Plan and research public education programs and plan for funding **Measurable Goal(s)** Plan and funds by 2004 **Responsible Dept./Person Name** Planning Director	**Planned Activities –** Create more direct links to the EPA website for stormwater issues. **Progress on Goal(s) –** Links have been added to town website.	**Planned Activities –** Stormwater Committee to research further programs and funding. **Progress on Goal(s) –** Brochure regarding Wetland Conservation District restrictions to be sent to homeowners within the district, local realtors, and the town website.	**Planned Activities –** Brochure being developed by the Planning Dept. with the Conservation Commission to inform residents about Wetland Conservation District (WCD), will be added to town website, distributed to local realtors, and reproduced in small quantities for the general public.
1.2	**BMP Description** Conduct public education programs **Measurable Goal(s)** 1 to 2 per year for permit term **Responsible Dept./Person Name** Planning Director	**Planned Activities –** Create or obtain storm water educational videos through the NRPC 'PHASE II Compliance Group' **Progress on Goal(s) –** The town has requested a copy of EPA "After the Storm" video which will be shown on community local access television station.	**Planned Activities –** Show EPA video "After the Storm" on community local access television station. Stormwater. Committee to research additional programs. **Progress on Goal(s) –** EPA video "After the Storm" was played at least 100 times, approximately twice a week sometimes more.	**Planned Activities –** Show EPA video "After the Storm" approximately the same amount of times as last year on local access television station.

1.3	**BMP Description** Save Long Pond Brochure Cyanobacteria Awareness **Measurable Goal(s)** Distribute as needed **Responsible Dept./Person Name** Parks and Recreation Advisory Board	**Progress on Goal(s) –** Brochures were mailed to residents of Long Pond.	**Planned Activities –** Call select residents of Long Pond to gauge effectiveness of program. Continue to monitor water quality at Long Pond. **Progress on Goal(s) –** Cyanobacteria bloom occurred last year, however, it happened later in the year and was for a shorter period than the previous bloom. Town has received comments from residents whom were not aware of the potential pollutants they were adding to the pond, and have revised their activities to not use those pollutants.	**Planned Activities –** Continue to monitor water quality at Long Pond.
1.4	**BMP Description** Implement Stormwater Committee **Measurable Goal(s)** Meet monthly in 2006 and at least bi-monthly thereafter to plan and evaluate BMP implementations **Responsible Dept./Person Name** Planning Dept., School Board, Town Administration, Highway Dept., Parks and Recreation Advisory Board, and Conservation Commission	**Progress on Goal(s) –** Committee is being assembled with representatives from the departments/ boards noted.	**Planned Activities –** To continue bi-monthly meetings. **Progress on Goal(s) –** Considering regulations to require post-development peak flows to be less than pre-development peak flows by a percentage that is yet to be determined.	**Planned Activities –** Continue to meet and research various methods of stormwater management.

Environmental Protection Agency (EPA)
Nashua Regional Planning Commission (NRPC)
New Hampshire Department of Environmental Services (NHDES)

2. Public Involvement and Participation

BMP ID #	BMP Description	Permit Year 3 2005 (Reliance on non-municipal partners indicated, if any)	Permit Year 4 2006	Permit Year 5 2007
2.1	**BMP Description** Solicit the public as to the type of involvement of participation **Measurable Goal(s)** Complete by 2005 **Responsible Dept./Person Name** Planning Director	**Planned Activities –** Continue Outreach. **Progress on Goal(s) –** This BMP has been replaced by BMP 1.4.	**Planned Activities –** No activity planned. **Progress on Goal(s) –** No activity planned.	**Planned Activities –** No activity planned.
2.2	**BMP Description** Conduct public programs **Measurable Goal(s)** Complete by 2007 **Responsible Dept./Person Name** Planning Director and Stormwater Committee	**Planned Activities –** Reach out to the public. **Progress on Goal(s) –**	**Planned Activities –** Continue public outreach. **Progress on Goal(s) –** Link added to town Health Department website regarding EEE and WNV.	**Planned Activities –** Continue public outreach.
2.3	**BMP Description** Hold hazardous waste collection days at Nashua DPW **Measurable Goal(s)** Regional hazardous waste collection days are held annually with drop-off located at the Nashua DPW garage. **Responsible Dept./Person Name** Highway Department	**Progress on Goal(s) –** Hazardous waste collection days were held five (5) times, April through November in 2005.	**Planned Activities –** Five (5) hazardous waste collection days are scheduled for 2006. **Progress on Goal(s) –** Hazardous waste collection days were held five (5) times, April through November in 2006.	**Planned Activities –** Six (6) hazardous waste collection days are scheduled for 2007.

Nashua Regional Planning Commission (NRPC)
Eastern Equine Encephalitis (EEE)
West Nile Virus (WNV)

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Permit Year 3 2005 (Reliance on non-municipal partners indicated, if any)	Permit Year 4 2006	Permit Year 5 2007
3.1	**BMP Description** Plan and fund mapping of UA, need to look at overall mapping needs as it applies to illicit discharge detection & elimination control measures **Measurable Goal(s)** Plan and funding by 2004 and look at needs as it applies to illicit discharge detection and elimination control measures **Responsible Dept./Person Name** Planning Director	**Planned Activities –** Expand recycling efforts; prepare warrant article. **Progress on Goal(s) –** Warrant article failed.	**Planned Activities –** Identify alternative sources of funding. **Progress on Goal(s) –** Continue to search for alternative sources of funding.	**Planned Activities –** Identify alternative sources of funding.
3.2	**BMP Description** Map outfalls & receiving waters **Measurable Goal(s)** By end of 5-year permit term, outfall mapping to be completed **Responsible Dept./Person Name** Planning Director	**Planned Activities –** To continue to record locations of suspicious discharges to storm sewers during catch basin cleaning. **Progress on Goal(s) –** Recording advancing.	**Planned Activities –** Mapping to be completed. **Progress on Goal(s) –** Mapping completed February 2007.	**Planned Activities –** This item has been completed.
3.3	**BMP Description** Develop stormwater bylaw **Measurable Goal(s)** Bylaws developed and presented to selectman **Responsible Dept./Person Name** Planning Director	**Planned Activities –** Conduct a review of the intent of a Storm Water bylaw. **Progress on Goal(s) –** Currently being developed.	**Planned Activities –** Review bylaws. Establish a review and hearing for their acceptance. Adopt bylaws by Spring 2008. **Progress on Goal(s) –** Continue review of bylaws.	**Planned Activities –** Adopt bylaws.
3.4	**BMP Description** Dry weather screening of outfalls **Measurable Goal(s)** Screening at outfalls during dry weather **Responsible Dept./Person Name** Highway Department	**Planned Activities –** To be determined **Progress on Goal(s) –** Screening to be conducted during mapping.	**Planned Activities –** Continued screening during mapping. **Progress on Goal(s) –** Screening completed February 2007.	**Planned Activities –** This item has been completed.

3.5	**BMP Description** Develop policy for elimination of illicit discharges **Measurable Goal(s)** Prepared policy for elimination of illicit discharges **Responsible Dept./Person Name** Planning Director	**Planned Activities –** To be determined. **Progress on Goal(s) –** Model ordinance has been obtained from NEIWPCC. The town's council is adapting the ordinance for the town.	**Planned Activities –** Policy to be adopted by Spring 2008. **Progress on Goal(s) –** The town has hired a Code Enforcement Officer to monitor and enforce zoning violations.	**Planned Activities –** Adopt policy.

Geographic Information System (GIS)
Nashua Regional Planning Commission (NRPC)
Urban Area (UA)
New England Interstate Water Pollution Control Commission (NEIWPCC)

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Permit Year 3 2005 (Reliance on non-municipal partners indicated, if any)	Permit Year 4 2006	Permit Year 5 2007
4.1	**BMP Description** Review existing subdivision and site plan review regulations **Measurable Goal(s)** Review of Subdivision and Site Plan Regulations **Responsible Dept./Person Name** Planning Director	**Planned Activities –** Continue to review and make revisions to the Pre-Construction Meeting Requirements. **Progress on Goal(s) –** Pre-construction meeting adopted.	**Planned Activities –** No activity planned. **Progress on Goal(s) –** Continue review.	**Planned Activities –** Adopt new regulations by Spring 2008.
4.2	**BMP Description** Revise subdivision and site plan review regulations **Measurable Goal(s)** Revise of Subdivision and Site Plan Regulations **Responsible Dept./Person Name** Planning Director	**Planned Activities –** Revise Site Plan Review Regulations. **Progress on Goal(s) –** Subdivision regulations now include requirements for stormwater management plans.	**Planned Activities –** No activity planned. **Progress on Goal(s) –** Continue review.	**Planned Activities –** Adopt new regulations by Spring 2008.
4.3	**BMP Description** Approval process for revised subdivision and site plan review regulations **Measurable Goal(s)** Spring 2006 **Responsible Dept./Person Name** Planning Director	**Planned Activities –** No Action. **Progress on Goal(s) –** Consolidated BMP 4.3, 4.4, and 4.5.	**Planned Activities –** Continued review. **Progress on Goal(s) –** No activity planned.	**Planned Activities –** No activity planned.
4.4	**BMP Description** Implement new subdivision and site plan review regulations **Measurable Goal(s)** End of 2007 **Responsible Dept./Person Name** Planning Director	**Planned Activities –** No Action. **Progress on Goal(s) –** Consolidated BMP 4.3, 4.4, and 4.5.	**Planned Activities –** Continued review. **Progress on Goal(s) –** No activity planned.	**Planned Activities –** No activity planned.

4.5	**BMP Description** Evaluate new subdivision and site plan review regulations **Measurable Goal(s)** End of permit term – 2008 **Responsible Dept./Person Name** Planning Director	**Planned Activities –** No Action. **Progress on Goal(s) –** Consolidated BMP 4.3, 4.4, and 4.5.	**Planned Activities –** Continued review. **Progress on Goal(s) –** NRPC is conducting independent review of subdivision and site plan regulations. Minimum buildable area for duplex lots increased from 35,000 s.f. to 55,000 s.f. and increase lot sizing requirements for lots with steep slopes.	**Planned Activities –** Continue review of Open Space development and Master Plan update with stormwater component.
4.6	**BMP Description** Site inspections **Measurable Goal(s)** Inspections conducted and documented **Responsible Dept./Person Name** Building Department and Conservation Commission	**Progress on Goal(s) –** The town has an ongoing inspection process for subdivision and site plans. This includes ongoing inspection of stormwater and erosion control measures.	**Planned Activities –** To continue with construction inspections. **Progress on Goal(s) –** Commercial sites are now being inspected to ensure compliance with approved plans.	**Planned Activities –** Continue construction inspections.
4.7	**BMP Description** Independent engineering company reviewing site plans and stormwater controls **Measurable Goal(s)** Independent review of all plans **Responsible Dept./Person Name** Planning Director	**Progress on Goal(s) –** The independent plan review process has been in place for many years. This has always included drainage and stormwater.	**Planned Activities –** To continue the program and incorporate updated regulations (BMP 3.3). **Progress on Goal(s) –** Independent firms specializing in wetlands restoration are utilized to prepare reclamation plans when the Wetlands Conservation District (WCD) is disturbed.	**Planned Activities –** Continue the program.

Nashua Regional Planning Commission (NRPC)
Right Of Way (R.O.W.)

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

BMP ID #	BMP Description	Permit Year 3 2005 (Reliance on non-municipal partners indicated, if any)	Permit Year 4 2006	Permit Year 5 2007
5.1	**BMP Description** Review current structural BMPs **Measurable Goal(s)** Regular inspections of structural BMPs **Responsible Dept./Person Name** Planning Director and Highway Department	**Planned Activities –** Review maintenance of infiltrations and vegetative BMPs. **Progress on Goal(s) –** The Town constructed one (1) new catch basin and replaced six (6) catch basins. The Town installed open drainage systems on two roads and replaced two (2) culverts.	**Planned Activities –** Continued research and maintenance. **Progress on Goal(s) –** Tallant Road bridge was replaced, twelve (12) roads were crack-sealed, paved and shoulders graded with loam or gravel, drainage was installed on nine (9) roads.	**Planned Activities –** Continued research and maintenance.
5.2	**BMP Description** Review current non-structural BMPs **Measurable Goal(s)** Obtain Low Impact Development (LID) Technology Information **Responsible Dept./Person Name** Planning Director and Highway Department	**Planned Activities –** Obtain information on Low Impact Development Technologies. **Progress on Goal(s) –** Received Low Impact Development Technology information.	**Planned Activities –** This is a precursor to BMP 5.3. **Progress on Goal(s) –** Conservation Development Ordinance being developed utilizing model created by NHDES.	**Planned Activities –** NHDES representative to meet with Planning Board.
5.3	**BMP Description** Make recommendations for new structural and non-structural BMPs **Measurable Goal(s)** Incorporate and promote LID technologies into proposed developments **Responsible Dept./Person Name** Planning Director	**Planned Activities –** To be determined. **Progress on Goal(s) –** The Town is currently reviewing LID technology information.	**Planned Activities –** Incorporate LID technologies into developments. **Progress on Goal(s) –** Recently approved development called "Boulder Hills" has been approved utilizing porous pavement roadways. To be constructed with guidance from Dr. Rosen of UNH.	**Planned Activities –** Continue to incorporate and promote LID technologies into developments.
5.4	**BMP Description** Seek approval of new BMPs **Measurable Goal(s)** Revisions and replacement to BMPs as necessary **Responsible Dept./Person Name** Planning Director and Stormwater Committee	**Planned Activities –** To be determined. **Progress on Goal(s) –** Committee formed policies being developed.	**Planned Activities –** To update BMPs as necessary. **Progress on Goal(s) –** BMPs not updated.	**Planned Activities –** To update BMPs as necessary.

5.5	**BMP Description** Incorporate BMPs into regulations **Measurable Goal(s)** Develop ordinance for post-construction stormwater management **Responsible Dept./Person Name** Planning Director	**Planned Activities –** To be determined. **Progress on Goal(s) –** The town has adopted the requirement of a stormwater management plan for any tract of land being developed where one or more of the following conditions are proposed or present: (1) a cumulative disturbed area exceeding 20,000 square feet; (2) construction of a street road or driveway; (3) the site is near an area that the Board has determined there exist similar problems; (4) disturbed critical areas; (5) standard agricultural and timber harvesting practices are exempt from this regulation.	**Planned Activities –** Ongoing enforcement. **Progress on Goal(s) –** No new BMPs incorporated into regulations.	**Planned Activities –** Continue enforcement.

6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Permit Year 3 2005 (Reliance on non-municipal partners indicated, if any)	Permit Year 4 2006	Permit Year 5 2007
6.1	**BMP Description** Complete Spill Prevention Control & Countermeasure Plan (SPCCP) **Measurable Goal(s)** Complete SPCCP **Responsible Dept./Person Name** Highway Department & Transfer Station	**Planned Activities –** Review SPCCP every 5 years as stated in plan, and update SPCCP as necessary. **Progress on Goal(s) –** Completed in 2003.	**Planned Activities –** No activity planned. **Progress on Goal(s) –** No activity planned.	**Planned Activities –** No activity planned.
6.2	**Removed**			
6.3	**BMP Description** Train employees on SPCCP **Measurable Goal(s)** Throughout permit term **Responsible Dept./Person Name** Town Administrator & Highway Department	**Planned Activities –** Ongoing training. **Progress on Goal(s) –** Training is ongoing annually.	**Planned Activities –** Ongoing training. **Progress on Goal(s) –** Training is ongoing annually.	**Planned Activities –** Ongoing training.
6.4	**BMP Description** Review existing P2 and Good Housekeeping policies and practices **Measurable Goal(s)** Continue annual review and training for Town personnel throughout permit term **Responsible Dept./Person Name** Highway Department	**Planned Activities –** Call PWD. **Progress on Goal(s) –** Met with Thelma Murphy of USEPA to review added BMP 6.8.	**Planned Activities –** Continued review. **Progress on Goal(s) –** Continued review.	**Planned Activities –** Continued review.
6.5	**BMP Description** Revise and implement P2 and Good Housekeeping policies and practices **Measurable Goal(s)** Revisions to continue **Responsible Dept./Person Name** Highway Department	**Planned Activities –** No Action. **Progress on Goal(s) –** BMP 6.8 added.	**Planned Activities –** Continue revisions of BMPs. **Progress on Goal(s) –** No BMPs have been revised.	**Planned Activities –** Continue revisions of BMPs.

Environmental Protection Agency (EPA)
Phase II (P2)
Spill Prevention Control & Countermeasure Plan (SPCCP)

6.6	**BMP Description** Street sweeping **Measurable Goal(s)** Sweep all streets annually; document volume collected **Responsible Dept./Person Name** Highway Department	**Planned Activities –** Planned street sweeping has been held up due to budget cuts associated with the default budget. **Progress on Goal(s) –** The town has swept approximately 30 miles of roads and all town municipal facilities parking lots. Approximately 60 tons of sand was picked up. The sand is being stockpiled at the transfer station for screening and reuse.	**Planned Activities –** Continue program. **Progress on Goal(s) –** The town has swept approximately 30 miles of roads and all town municipal facilities parking lots. Approximately 60 tons of sand was picked up. The sand is being stockpiled at the transfer station for screening and reuse.	**Planned Activities –** Continue program.
6.7	**BMP Description** Catch Basin Cleaning **Measurable Goal(s)** Clean all catch basins annually; document volume collected **Responsible Dept./Person Name** Highway Department	**Planned Activities –** Continue program. **Progress on Goal(s) –** The town has cleaned 1,158 structures with the sand stockpiled at the transfer station for screening and reuse.	**Planned Activities –** Continue program. **Progress on Goal(s) –** The town has cleaned 1,251 structures with the sand stockpiled at the transfer station for screening and reuse.	**Planned Activities –** Continue program.
6.8	**BMP Description** Implement integrated pest management (IPM) at town facilities **Measurable Goal(s)** Quantification of pesticides used at town facilities **Responsible Dept./Person Name** Parks and Recreation Advisory Board	**Progress on Goal(s) –** To be started in 2006.	**Planned Activities –** To minimize broadcast spraying of non-specific pesticides. **Progress on Goal(s) –** Spraying was done for ticks and poison ivy.	**Planned Activities –** To begin a Public Health Mosquito Control Program to control mosquito breeding areas.

Catch basin (CB)

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

BMP ID #	BMP Description	Permit Year 3 2005 (Reliance on non-municipal partners indicated, if any)	Permit Year 4 2006	Permit Year 5 2007
7.1	**BMP Description** Investigate if Pelham's storm water is causing water quality violations **Measurable Goal(s)** Throughout permit term **Responsible Dept./Person Name** Planning Director	**Planned Activities –** Continue effort. **Progress on Goal(s) –**	**Planned Activities –** Continue program. **Progress on Goal(s) –**	**Planned Activities –** Continue program.

Part IV. Summary of Information Collected and Analyzed

BMP 3.2 and BMP 3.4, Map outfalls and receiving waters and dry weather screening of outfalls was completed February 2007.

Part V. Program Outputs & Accomplishments (OPTIONAL)

Education, Involvement, and Training

Household Hazardous Waste Collection Days – (NRPC 2006)		
▪ Days sponsored	(#)	5
▪ Community participation	(# households)	86 households
School curricula implemented	(y/n)	Investigating

Legal/Regulatory

	In Place Prior to Phase II	Under Review	Drafted	Adopted
Regulatory Mechanism Status (indicate with "**X**")				
▪ Illicit Discharge Detection & Elimination		X		
▪ Erosion & Sediment Control	X	X		
▪ Post-Development Stormwater Management		X		
Accompanying Regulation Status (indicate with "**X**")				
▪ Illicit Discharge Detection & Elimination		X		
▪ Erosion & Sediment Control	X	X		
▪ Post-Development Stormwater Management		X		

Construction

Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%)	100
Site inspections completed	(# or %)	100%
Complaints/concerns received from public	(#)	3

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr)	Yearly
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	Yearly
Total number of structures cleaned	(#)	1,251
Storm drain cleaned	(LF or mi.)	0
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	200 tons
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		Stockpiled may screen

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	Yearly
Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	Yearly
Qty. of sand/debris collected by sweeping	(lbs. or tons)	60 tons
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	Stockpiled may screen
Anti-/De-Icing products and ratios	% NaCl % $CaCl_2$ % $MgCl_2$ % CMA % Kac % KCl % Sand	1,137 tons salt, 5 tons flaked calcium, 744 tons sand.
Pre-wetting techniques utilized	(y/n)	N
Manual control spreaders used	(y/n)	Y
Automatic or Zero-velocity spreaders used	(y/n)	N
Estimated net reduction in typical year salt application	(lbs. or %)	0
Salt pile(s) covered in storage shed(s)	(y/n)	Y
Storage shed(s) in design or under construction	(y/n)	N

NPDES – STORMWATER II

ANNUAL REPORT

2007

(For work efforts through 2006)

I. PERMIT NUMBER NHR041025

II. SIGNIFICANT CHANGES TO THE N.O.I. ARE AS FOLLOWS:

- No water bodies have been added to the list of presently known receiving waters.
- BMP 3.2 - Map outfalls and receiving waters was completed February 2007.
- BMP 3.4 - Dry weather screening of outfalls was completed February 2007.

III. OTHER NOTABLES:

- *The Conservation Commission's open space protection plan for the Town of Pelham calls for the protection of 1000 acres. Thus far in 2007, the town of Pelham purchased one parcel of 37 acres, this parcel is adjacent to the 110 acre Merriam parcel purchased in 2005. To date the Conservation Commission land purchases total 419 acres. This land will be permanently preserved.*
- Warrant Article 18 passed designating the "Lower Beaver Brook" wetland system as a prime wetland.
- Five hazardous waste collection days were held from April throught November 2006. During 2007, six hazardous waste collection days will be held during the same time period.
- Tallant Road Bridge was replaced with 80% State Money and 20% Town Funds. The new bridge has a twenty-four foot travel width and the alignment with Mammoth Road and Keys Hill Road will make the area much safer (Annual Report 2006).

IV. STATUS OF BMPS

Task 1 - Public Education and Outreach

BMP 1.1: Plan and Research Public Education Programs and Plan for Funding

Responsible person(s):	Planning Director
Measurable goal:	Plan and funds by 2004.
Status:	Brochure regarding the Wetland Conservation District restrictions to be sent to homeowners within the district, local realtors, and the town website.
Future goals:	Brochure being developed by the Planning Dept. with the Conservation Commission to inform residents about the Wetland Conservation District (WCD), will be added to town website, distributed to local realtors, and reproduced in small quantities for the general public.

BMP 1.2: Conduct Public Education Programs

Responsible person(s):	Planning Director
Measurable goal:	One to two year permit term.
Status:	EPA video "After the Storm" was played at least 100 times, approximately twice a week sometimes more.
Future goals:	Show EPA video "After the Storm" approximately the same amount of times as last year on local access television station.

BMP 1.3: Save Long Pond Brochure Cyanobacteria Awareness

Responsible person(s):	Parks and Recreation Advisory Board
Measurable goal:	Distribute as needed.
Status:	Cyanobacteria bloom occurred last year, however, it happened later in the year and was for a shorter period than the previous bloom. Town has received comments from residents whom were not aware of the potential pollutants they were adding to the pond, and have revised their activities to not use those pollutants.
Future goals:	Continue to monitor water quality at Long Pond.

BMP 1.4: Implement Stormwater Committee

Responsible person(s):	Planning Department, School Board, Town Administration, Highway Department, Parks and Recreation Advisory Board, and Conservation Commission.
Measurable goal:	Meet monthly in 2006 and at least bi-monthly thereafter to plan and evaluate BMP implementations.
Status:	Considering regulations to require post-development peak flows to be less than pre-development peak flows by a percentage that is yet to be determined.
Future goals:	Continue to meet and research various methods of stormwater management.

Task 2 - Public Involvement and Participation

BMP 2.1: Solicit Public Input as to the Type of Involvement of Participation

Responsible person(s):	Planning Director
Measurable goal:	Complete by 2005.
Status:	This BMP has been replaced by BMP 1.4.
Future goals:	No activity planned.

BMP 2.2: Conduct Public Programs

Responsible person(s):	Planning Director and Stormwater Commmittee
Measurable goals:	Complete by 2007.
Status:	Link added to town Health Department website regarding EEE and WNV.
Future goals:	Continue public outreach.

BMP 2.3: Hold Hazardous Waste Collection Days at Nashua DPW

Responsible person(s):	Highway Department
Measurable goals:	Regional hazardous waste collection days are held annually with drop-off located at the Nashua DPW garage.
Status:	Hazardous waste collection days were held five (5) times, April through November in 2006.
Future goals:	Six (6) hazardous waste collection days are scheduled for 2007.

Task 3 - Illicit Discharge Detection and Elimination

BMP 3.1: Plan and Fund Mapping of Urban Area

Responsible person(s):	Planning Director
Measurable goal:	Plan and funding by 2004 and look at needs as it applies to illicit discharge detection and elimination control measures.
Status:	Continue to search for alternative sources of funding.
Future goals:	Identify alternative sources of funding.

BMP 3.2: Map Outfalls and Receiving Waters

Responsible person(s):	Planning Director
Measurable goal:	By end of 5-year permit term, outfall mapping to be completed.
Status:	Mapping completed February 2007.
Future goals:	This item has been completed.

BMP 3.3: Develop Stormwater Bylaw

Responsible person(s):	Planning Director
Measurable goal:	Bylaws developed and presented to selectman.
Status:	Continue review of bylaws.
Future goals:	Adopt bylaws by Spring 2008.

BMP 3.4: Dry Weather Screening of Outfalls

Responsible person(s):	Highway Department
Measurable goal:	Screening at outfalls during dry weather.
Status:	Screening completed February 2007.
Future goals:	This item has been completed.

BMP 3.5: Develop Policy for Elimination of Illicit Discharges

Responsible person(s):	Planning Director
Measurable goal:	Prepared policy for elimination of illicit discharges.
Status:	The town has hired a Code Enforcement Officer to monitor and enforce zoning violations.
Future goals:	Adopt policy by Spring 2008.

Task 4 - Construction Site Stormwater Runoff Control

BMP 4.1: Review Existing Subdivision and Site Plan Review Regulations

Responsible person(s):	Planning Director
Measurable goal:	Review of Subdivision and Site Plan Regulations.
Status:	Continue review.
Future goals:	Adopt new regulations by Spring 2008.

BMP 4.2: Revise Subdivision and Site Plan Review Regulations

Responsible person(s):	Planning Director
Measurable goal:	Revise of Subdivision and Site Plan Regulations.
Status:	Continue review.
Future goals:	Adopt new regulations by Spring 2008.

BMP 4.3, 4.4 & 4.5: Implement/Evaluate Subdivision and Site Plan Regulations

Responsible person(s):	Planning Director
Measurable goal:	Continued review by Town Review Engineers.
Status:	NRPC is conducting independent review of subdivision and site plan regulations. Minimum buildable are for duplex lots increased from 35,000 s.f. to 55,000 s.f. and increase lot sizing requirements for lots with steep slopes.
Future goals:	Continued review of Open Space development and Master Plan update with stormwater component.

BMP 4.6: Site Inspections

Responsible person(s):	Building Department and Conservation Commission
Measurable goal:	Inspections conducted and documented.
Status:	Commercial sites are now being inspected to ensure compliance with approved plans.
Future goals:	Continue with construction inspections.

BMP 4.7: Independent Engineering Company Reviewing Site Plans and Stormwater Controls

Responsible person(s):	Planning Director
Measurable goal:	Independent review of all plans.
Status:	Independent firms specializing in wetlands restoration are utilized to prepare reclamation plans when the Wetlands Conservation District (WCD) is disturbed.
Future goals:	Continue the program.

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

BMP 5.1: Review Current Structural BMPs

Responsible person(s):	Planning Director and Highway Department
Measurable goal(s):	Regular inspections of structural BMPs.
Status:	The Tallant Road bridge was replaced, twelve (12) roads were crack-sealed, paved and shoulders graded with loam or gravel, drainage was installed on nine (9) roads.
Future goals:	Continued research and maintenance.

BMP 5.2: Review Current Non-Structural BMPs

Responsible person(s):	Planning Director and Highway Department
Measurable goal:	Obtain Low Impact Development (LID) Technology Information.
Status:	Conservation Development Ordinance being developed utilizing model created by NHDES.
Future goals:	NHDES representative to meet with Planning Board.

BMP 5.3: Make Recommendations for New Structural and Non-Structural BMPs

Responsible person(s):	Planning Director
Measurable goal:	Incorporate and promote LID technologies into proposed developments.
Status:	Recently approved development called "Boulder Hills" has been approved utilizing porous pavement roadways. To be constructed with guidance from Dr. Rosen of UNH.

	Future goals:	Continue to incorporate and promote LID technologies into developments.

BMP 5.4: Seek Approval of New BMPs

Responsible person(s):	Stormwater Committee
Measurable goal:	Revisions and replacement to BMPs as necessary.
Status:	BMPs not updated.
Future goals:	To update BMPs as necessary.

BMP 5.5: Incorporate BMPs Into Regulations

Responsible person(s):	Planning Director
Measurable goal:	Develop ordinance for post-construction stormwater management.
Status:	No new BMPs incorporated into regulations.
Future goals:	Continue enforcement.

Task 6 - Pollution Prevention and Good Housekeeping in Municipal Operations

BMP 6.1: Complete Spill Prevention Control & Countermeasure Plan (SPCCP)

Responsible person(s):	Highway Department and Transfer Station
Measurable goal:	Complete SPCCP.
Status:	Completed in 2003.
Future goals:	No activity planned.

BMP 6.3: Train Employees on SPCCP

Responsible person(s):	Town Administrator and Highway Department
Measurable goal(s):	Continue annual review and training for Town personnel throughout permit term.
Status:	Training is ongoing annually.
Future goals:	Ongoing training.

BMP 6.4: Review Existing Phase II & Good Housekeeping Policies and Practices

Responsible person(s):	Highway Department
Measurable goal(s):	Continued review.
Status:	
Future goals:	Continued review.

BMP 6.5: Revise and Implement Phase II and Good Housekeeping Policies and Practices

Responsible person(s):	Highway Department
Measurable goal(s):	Revisions to continue.
Status:	No BMPs have been revised.

	Future goals:	Continue revisions of BMPs.
BMP 6.6:	Street Sweeping	
	Responsible person(s):	Highway Dept.
	Measurable goal(s):	Sweep all streets annually and document volume collected.
	Status:	The town has swept approximately 30 miles of roads and all town municipal facilities parking lots. Approximately 60 tons of sand was picked up. The sand is being stockpiled at the transfer station for screening and reuse.
	Future goals:	Continue program.
BMP 6.7:	Catch Basin Cleaning	
	Responsible person(s):	Highway Dept.
	Measurable goal(s):	Clean all catch basins annually and document volume collected.
	Status:	The town has cleaned 1,251 structures with the sand stockpiled at the transfer station for screening and reuse.
	Future goals:	Continue program.
BMP 6.8:	Implement Integrated Pest Management (IPM) at Town Facilities	
	Responsible person(s):	Parks and Recreation Advisory Board
	Measurable goal(s):	Quantification of pesticides used at town facilities.
	Status:	Spraying was done for ticks and poison ivy.
	Future goals:	To begin a Public Health Mosquito Control Program to control mosquito breeding areas.

Task 7 – BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA)

BMP 7.1: Investigate if Pelham's Stormwater is Causing Water Quality Violations

Responsible person(s):	Planning Director
Measurable goal:	Throughout permit term.
Status:	
Future goals:	Continue program.