P 4/30/08

Municipality/Organization: Town of Derry, NH

EPA NPDES Permit Number: NHR041005

MaDEP Transmittal Number: W-

Annual Report Number
& Reporting Period: No. 4: April 1, 2007-March 31, 2008

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Michael A. Fowler P.E. Title: Director of Public Works

Telephone #: (603) 432-6144 Email: mikefowler@ci.derry.nh.us

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: for acting DPW Director

Printed Name: Michael A Fowler P.E.

Title: Director of Public Works

Date: April 25, 2007

Part II. Self-Assessment

The following goals for this reporting period are being adjusted to the next reporting period.

- Storm Water Ordinance - The Town anticipated having its storm water ordinance adopted during this reporting period. A draft ordinance was prepared and has undergone extensive technical and legal review between town departments and operations. Part of the delay was due to changing State regulations relative to the Comprehensive Shoreline Protection Act, and a pending TMDL for chloride being developed by NHDES and mandated by USEPA for the I-93 Corridor Expansion. Derry is one of only four towns impacted by the proposed TMDL.
- Update Master Plan – The Master Plan update is postponed 1-2 years. Instead, the Town will focus on revising and adopting the draft stormwater and illicit discharge ordinance and will evaluate incorporating the ordinance in the Master Plan by reference at the time updates occur.

General

The Department of Public Works (DPW) has continued to make additional progress on the NPDES Phase II Storm Water Program with the Town of Derry well on its way to improving the quality of its storm water run-off. The Town of Derry continues to strive to implement, encourage, and require the use of Best Management Practices established at the onset of the program. The Town is encouraged by the support that it has received from the residents of Derry since the inception of the program as well as from prospective developers interested in incorporating recommendations from Derry's draft Stormwater Ordinance. While the storm water ordinance has not been formally adopted by the Derry Town Council, its principles are being followed and incorporated into projects management by both town and private, and commercial entities. There is a sincere interest and enthusiasm by a diverse group of people in Derry to improve the storm water quality in the water ways and teach others about the importance of eliminating non-point source pollution.

Intern

The DPW once again earmarked a summer intern that is a civil engineering student from Plymouth State College to continue with the compilation of the Town's storm water collection system comprehensive data base, assist with the catch basin cleaning company, and conduct period field monitoring as part of the town's own evaluation of chloride sources. The intern kept records of areas cleaned, inspected the structures for signs of illicit discharge.

Illicit Discharges

The Town responded to three illicit discharges during the reporting period. Copies of the reports are attached. 1) An employee of a commercial facility reported that an unnamed stream flowing behind the facility had suddenly become cloudy with a blue-green color. The Derry Fire Department, Public Works, the local Hazmat Team, and NHDES responded to the release. The source was traced to a culvert that led back to a commercial carwash facility. It is believed there was an inadvertent discharge of soap/detergent directly to a storm drain at the facility. The release caused a temporary clouding and elevated pH surface water of the unnamed stream. No long term impacts were identified. 2) While conducting a storm drain inventory and GIS location survey along Horne Brook, Derry's Environmental Engineer and GIS Manager observed an increase in turbidity and clouding of the brook as the survey continued from downstream to upstream. Approximately 3000 feet upstream, the source of the increased turbidity was found to be caused by illegal dredging and filling being conducted by a property/business owner abutting the stream. The work was being conducted without a state wetland permit or the use of any erosion or siltation control. Code Enforcement met with the owner and filed a formal complaint with the NHDES Wetlands Bureau. Further investigation is pending with the NHDES Wetlands Bureau. 3) During a separate stream inspection for outfalls, it was observed that an abutter had been dumping leaves and grass clippings into a tributary to Beaver Brook. Public Works issued a letter to the property owner to discontinue this

practice.

Catch Basin and Stream Cleaning

In the 2007 construction season, an additional 500 catch basins were cleaned. A full cleaning cycle of all catch basins is now completed. The Town is now able to better track catch basins that fill up more quickly with sand and debris and assign resources appropriately for more frequent cleaning where needed. Basins that pick up little debris are cleaned less often. The Town has budgeted to clean an additional 500 catch basins during the next reporting period. The Town also began a stream cleaning program over the past year. The town utilized staff and equipment to remove clean up stretches of Horne Brook identified during a storm drain and illicit discharge inspection. Materials removed including old fencing, exercise bikes, mopeds, paint cans, automotive batteries, and other miscellaneous debris. Photos of the cleanup effort and material removed are attached.

Drain Stenciling

Catch basin stenciling program continues to be very popular with many groups throughout the Town including the local Rotary club, schools, Watershed protection groups, and girl scouts. These groups have been involved in stenciling catch basins with "No Dumping, Drains to Wetlands" or other messages. The Beaver Lake Watershed Partnership held one event during the last reporting period. News articles about the event are attached to this report. A local Girl Scout troop, with assistance from the Town's Public Works Department, is currently scheduled to hold a storm drain stenciling event around the April/May school vacation week.

Public Outreach and Participation

Derry continues to be active in the Manchester area inter-community storm water group known as SWAT (Storm Water Assessment Team) with participation in bimonthly to quarterly meetings.

The Town continues to sponsor Derry Clean Up day during the week of Earth Day and has had broad participation from the public in this program as well. The Beaver Lake Watershed Partnership (BLWP) continues to work diligently within Derry as well as Auburn and Chester to improve water quality within the Beaver Lake Watershed. Many of the Partnerships goals parallel the goals set for the Town of Derry in our MS4GP, benefiting the Town. Town representatives involved in the partnership meetings throughout the year include the Superintendent of Operations, Community and Economic Development Director, Code Enforcement Officer, Environmental Engineer, and Chairman of the Conservation Commission. During this reporting period the Final Beaver Lake Watershed Management Plan was presented to the public.

The Town continues to use events such as BLWP meetings, Town-wide Derry Fest, and Derry Doggy Days as a means of outreach to the public. By partnering up with or through open communication with organizations such as BWLP, Conservation Commission, Recreation Department, and Derry Garden Club, the town was able to distribute information on stormwater pollution prevention BMPs, household hazardous waste, pet waste management, rain barrels and rain gardening. The town often gives tours of the Town Hall to students and youth groups (cub scouts, girl scouts). During these tours the Director of Public Works gives short presentations on the town environmental responsibility and distributes age appropriate literature to participants. These tours and presentations has resulted in groups contacting us in order to participate in storm drain stenciling, and to brain storm on other volunteer opportunities.

The Town is involved in two household hazardous waste collection events per year cosponsored with the Town of Londonderry. Derry conducts an active outreach with public notice and stormwater handouts to Derry residents at our Transfer Station and other town venues. Our aggressive outreach in the fall 2007 resulted in a significant increase in participation of Derry residents at the Fall event held in Londonderry. We plan to continue this approach with scheduled May 2008 event being held in Derry.

Training

One or more Public Works Employees (including the Environmental Engineer, Superintendant of Operations, and Crew Chiefs) participate throughout the year in various training opportunities or live streaming webcasts related to stormwater pollution prevention including the following:

- The Use of Pollution Loading Techniques for Local Stormwater Management Controls, Seminar for Municipal Land Use Boards, Coastal Training Program (5/18/07)
- Conducting Illicit Discharge Detection and Elimination Investigations (IDDE 201), USEPA NPDES Webcast (7/11/07)
- Salt Education and Reduction Workgroup Meetings, Londonderry (7/25/07, 10/29/07)
- Erosion Prevention and Sediment Control Workshop - Erosion 1, University of NH Technology Transfer Center Roads Scholar Program Training – (8/30/07)
- Post-Construction Management, Building Green Programs USEPA NPDES Webcast (9/5/07)
- Protecting our Water Resources – A Regional View of Stormwater in New England, NEWEA 1007 Wetlands Specialty Seminar (9/20/07)
- Pretreatment Coordinators Workshop, NHDES and USEPA, 9/27/07)
- Workshop on Protecting Shoreland/Riparian Buffers, Southern New Hampshire Planning Commission (11/29/07)
- Comprehensive Shoreland Protection Act Presentation, NHDES (12/11/07)
- EPA's NPDES MS4GP Monitoring Meeting for Municipal Storm Water Permit Stakeholders, USEPA (1/8/08)

The Town has continued with training opportunities into the next period with the following:

- Maintenance, Inspection & Enforcement of Stormwater Requirements in New Hampshire: Workshop for Municipal Officials, NRWA, Milford NH 4/8/08
- The Art and Science of Stormwater Retrofitting, USEPA NPDES Webcast (4/9/08)

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 5 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Year
1.1	Document & Continue Existing Programs	Public Works	Review public education programs that are already in place that may be utilized as mechanisms to distribute storm water information. Prepare written documentation that summarizes existing programs in place that may be used in conjunction with the Phase II storm water program.	The Town of Derry continued to distribute information through kiosks located at the Municipal Center as well as at the town Transfer Station, Derry public buildings throughout town. The Town continues to maintain a website with storm water information.	The Town intends to continue distributing information through the venues that it has established. We will continue to improve and expand the Town's website to highlight environmental programs including storm water management, household hazardous waste, and recycling.
Revised					
1.2	Coordinate Public Educators	Public Works	Organize Town employees, educators, volunteers, etc. to work together to develop materials to be distributed to the public and school systems regarding Phase II storm water.	The Town has had the opportunity to reach many of the same students through existing volunteer organizations that have worked closely with the town on the stenciling program. Pinkerton Academy Biology Faculty remain involved in the Beaver Lake Water Shed Partnership and had students in their biology courses testing streams and ponds for pollutants. This is very exciting because it gives the students real life experience in environmental science while performing a valuable service to the community. As in previous years, the Students for Environmental Action (SEA) at Pinkerton Academy participated in a clean up day in April and cleaned up several miles of roadway throughout Derry.	The Town intends to continue to work closely with the School Department to incorporate storm water education as well as other environmental programs into the regular curriculum. We will also continue to support efforts by volunteers as well as paid interns to speak at local youth organizations and schools.
Revised					
1.3	Coordinate information and Program Distribution within School Network	Public Works	Prepare brochures or fact sheets to be distributed to the public by direct mailings. Provide information on the Town's website. Begin developing curriculum to be used to educate students about storm water issues. Contact 50% of the schools located within the Town.	The Public Works Department continues to disseminate informational brochures and fact sheets at the annual "Town Fair" Derryfest. The Town contacted all the public schools including Pinkerton Academy through their biology department. The Public Works Director also made presentations to youth groups including Cub Scouts and Girl Scouts. This resulted in groups returning to participate in storm drain stenciling as well as to work on special individual scout projects.	Continue to work with the public schools and Pinkerton Academy to distribute information.
Revised					

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Year
2.1	Create Task Committee	Public Works	Task committee is established. The task committee will be responsible for organizing volunteers, etc., to assist the Town with the implementation requirements for the Phase II Storm Water Program. Document meeting minutes.	Discontinued in previous year. See annual report for 2004-2005. Redundant due to other groups already established.	N/A
Revised	*The Town of Derry has determined that a task committee is not necessary to achieve the goals set forth in the Storm Water Management Plan. Therefore, this BMP has been eliminated from the plan.*				
2.2	Conduct Public Meeting/Acquire Public Input	Public Works & Town Administration	Public Meeting. Phase II Storm Water Program information to be presented. Document meeting minutes.	The Public Works Department continues to encourage public input into the Storm Water Program. The Town completed the requirement of a public meeting in during a previous reporting period. The stenciling program occasionally results in positive feedback from the public that is encouraged to call the Public Work Department with questions and concerns.	The Public Works Department will continue to strive to educate the public in storm water. Specific public meetings are not scheduled. Instead public input is solicited through public event displays.
Revised					
2.3	Establish Storm Water Information Display at Major Town Events	Public Works	Phase II Storm Water information display at one town event per year.	This task was completed with a display set up at Derryfest and Derry Doggie Days.	Displays will again be set up at Derryfest and Derry Doggie Days events this year. Youth Groups have also expressed interest in helping with these events for public education as community service projects.
Revised					
2.4	Storm Drain Stenciling/Community Clean-up Day	Public Works	50% of storm drains stenciled using volunteers or school students. Community clean-up day held once a year using volunteers and/or students.	The Public Works Department has received additional demand for stenciling supplies and has been a huge success. Beaver Lake Watershed Partnership and local girl scouts have participated in the task of stenciling catch basins in town.	The Stenciling program will be an ongoing program as the paint will wear off and need to be touched up. Additional Storm Drain stenciling by a girl scout group is already scheduled for May 2008.
Revised					

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Year
3.1	Map Outfalls and Receiving Waters	Public Works & IT Department	Produce a map showing outfalls and receiving waters	The Town of Derry has completed mapping the entire storm water collection system including the outfalls. Follow-up inspection during dry weather conditions was started with remapping and stream cleaning projects. These inspections resulted in the identification of two illicit discharge incidences.	The Town of Derry will strive to keep the database up to date by adding any new storm water collection systems to the base map. Make any necessary revisions and corrections to the data base as errors or old infrastructure previously missed are discovered.
Revised					
3.2	Evaluate Need for Storm Sewer Ordinance; Develop if Necessary	Public Works, through a consultant.	Complete review of existing local regulations and ordinances to determine what mechanisms are already in place. Prepare a Storm Sewer Ordinance for adoption by the Town.	The Town of Derry has developed a draft Final storm water ordinance. Significant changes to the NH regulations on Comprehensive Shoreline Protection Act and the Alteration of Terrain Permit resulted in the Town making additions revisions. The Town has begun using the draft final ordinance as guidelines for future and pending projects by the town and private entities even though the ordinance has not been formally adopted by the Town Council.	The Storm Water Ordinance will be reviewed to consider addition of a section on illicit discharges. Upon revision, the revised ordinance will be presented to the Town Council for consideration and adoption in the next reporting period.
Revised					
3.3	Train Volunteers in Illicit Discharge Identification	Public Works	Complete a training document. Complete volunteer training for illicit discharge identification. This must include information related to the hazards associated with illegal discharges and improper waste disposal.	The Town has an illicit discharge report form to be used by Town employees and volunteers. Any reports that are made to the Code Enforcement Office or Public Works Department are investigated.	Continue with training on illicit discharge. Develop a page on the Town's website with information on identifying and reporting illicit discharges.
Revised					
3.4	Dry Weather Screening of Outfalls	Public Works	Utilize trained volunteers and/or students to complete dry-weather screening of outfalls. Complete dry-weather screening forms for inspection. Document findings of screening. Identify outfalls requiring further follow-up.	Dry weather screening of outfall were started in 2007 and resulted in identification of two illicit discharges.	Dry weather screening of outfalls will continue with the aid of the summer intern. . In addition, volunteers working with the Beaver Lake Watershed Partnership are encouraged to become involved in this process.
Revised					

3.5	Develop System of Identifying Illicit Discharges and Initiate Program to Eliminate Them	Public Works	Complete Plan outlining system for eliminating illicit discharges. Initiate elimination program. Eliminate the majority of identified illicit discharges.	The Town of Derry utilizes an illicit discharge form to note any potential illicit discharges discovered during catch basin cleaning. Any reports from the public are placed on work orders and inspected by the Supt. of Operations or the Code Enforcement Officer. Three were identified and reported over the last year.	Using the illicit discharge form which the Town utilizes, any suspect illicit discharges are noted during catch basin cleaning and dry weather screening and will be reported to the Public Works office for follow up investigation. Confirmed illicit discharges will be turned over to the Code Enforcement Office for further legal measures.
Revised					
3.6	Identify Magnitude of Effort to Continue Mapping Storm Sewer System.	Public Works	Complete a review of the storm sewer system mapping in Town. Prepare an assessment of the effort required to continue this mapping.	The Town continued mapping of the Storm Sewer System using interns and/or engineering staff. All new additions to the Public Storm Sewer system are added to the Town's Geographic Information System.	Continue updates as required.
Revised					

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
4.1	Document Existing Programs and Expand Them as Required	Public Works	Complete Review of Existing Location regulations pertaining to construction site runoff control. Complete written summary of existing requirements. This may require additional assessment of potential water quality impacts. Complete necessary additions to existing documents/ordinances for establishing water quality benchmarks, site inspection procedures, etc. Ordinance revisions will be accompanied by appropriate public notice and comment opportunities. The regulations will ultimately address areas of concern noted above.	The Town is routinely checking to verify that an NOI has been submitted to the EPA for all sites over one acre in disturbance. We continue to use a Construction Site Run-off Control Inspection form when inspecting sites through our engineering division to make sure the SWPPP for a construction site is being adhered to.	Continue to be vigilant in the enforcement of construction site erosion control, ensuring SWPPP are present on site and adhered to, continue random cross-checking of CGP NOIs filed against projects in town.
Revised					

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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Year
5.1	Document and Enhance Procedures for MS4 Storm Sewer System	Public Works	Complete review of existing MS4 maintenance procedures. Complete formal procedures manual for conducting MS4 maintenance, including record keeping forms, Best Management Practices related to development, etc. Regulations and ordinances will be expanded, as appropriate, to incorporate measures to address the areas of concern noted above.	The Town continues to keep records of the locations and number of catch basins cleaned using its Geographic Information System. The Town of Derry is also crosschecking the EPA database to ensure that NOTs have been filed following completion and stabilization of sites.	Continue keeping records on areas cleaned. Upon completion, the Town will develop a schedule based on historical amounts of debris removed from specific catch basins.
Revised					
5.2	Incorporate Best Management Practices into Town Master Plan	Public Works & Planning Department	Complete update of Town's Master Plan to include Best Management Practices.	Since the Master Plan will not be updated in 2008 originally planned, this measurable goal is delayed until such time as the Master Plan is updated, currently anticipate for the 2008-2009. time frame. Instead, state and nationally recognized BMPs are included by reference in the Town's storm water ordinance.	Complete the draft of the storm water ordinance incorporating BMPs. Submit draft ordinance to Planning Board and Town council for adoption. Work with Council to adopt ordinance into Master Plan by reference.
Revised	*The updates to the Town's Master Plan is delayed until 2008-2009 time period. Instead, BMPs will be Incorporated into the draft Storm Water Ordinance currently being revised.*				

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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Year
6.1 Revised	Document and Enhance Employee Training Procedures	Public Works	Complete review of existing training programs. Complete formal employee training manual.	The Public Works Department has continued to have employees trained and provide employees with literature produced by the state, federal, and other recognized organizations. Lessons learned and training received is transferred to other employees through on the job training and dialogue with employees regarding storm water and illicit discharge.	The Town will begin its informal "Brown-Bag" lunch time environmental education series for town employees at the Derry Municipal Center.
6.2 Revised	Evaluate the Use of Pesticides, Sand and Salt	Public Works	Complete review of existing procedures. Complete formal procedures manual for handling and use of pesticides, sand, and salt.	The Town of Derry completed construction of a new Highway Garage and Salt/Sand Storage and Handling facility at the Town's Transfer Station. Stormwater treatment BMPs are incorporated in the overall design to include runoff treatment and infiltration. In addition to materials storage being undercover, all material handling, loading and unloading operations are now conducted undercover, eliminating potential for impacts to stormwater. Ground speed control devices to regulate sand and salt usage are also installed on new and replacement vehicles in the fleet. In addition, pesticides are applied only by licensed applicators for any substantial projects. The Town has also consulted with the Agricultural Office of the UNH Cooperative Extension in Brentwood to evaluate alternative herbicides and pesticides.	The Town will continue to look at better technology to reduce the salt and sand usage BMPs will be considered in the design of the new facility.

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 5 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Year
Revised				The state has developed a draft chloride TMDL for Beaver Brook. The town has been involved in Salt E'd and Reduction workgroup meetings with NHDES and other stakeholders. As part of our own evaluation, the town initiated a data sharing of chloride monitoring with NHDES. The Town also began preliminary field screening of conductivity in local streams to identify the primary contributors of chloride to surface water in Derry over the past winter.	The town will continue random stream testing of conductivity with periodic chloride analysis. The Town anticipates including chloride use education in its outreach efforts.

7a. Additions

7b. WLA Assessment

Part IV. Summary of Information Collected and Analyzed

Part V. Program Outputs & Accomplishments (OPTIONAL)

Programmatic

Stormwater management position created/staffed	(y/n)	Yes
Annual program budget/expenditures	($)	$60,000 est.

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	(# or %)	11,000 est.
Stormwater management committee established	(y/n)	No
Stream teams established or supported	(# or y/n)	Yes
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.)	Y, ~3 miles
Household Hazardous Waste Collection Days		
▪ days sponsored ***(Twice/year cosponsored with Town of Londonderry)***	(#)	2
▪ community participation ***(estimate 300 Derry households represented)***	(%)	**(see comment)**
▪ material collected	(tons or gal)	Unknown
School curricula implemented	(y/n)	Yes

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			

▪ Post-Development Stormwater Management	X			
Accompanying Regulation Status (indicate with "**X**")				
▪ Illicit Discharge Detection & Elimination			X	
▪ Erosion & Sediment Control	X			
▪ Post-Development Stormwater Management	X			

Mapping and Illicit Discharges

Outfall mapping complete	(%)	100%
Estimated or actual number of outfalls **(*Includes road crossings)**	(#)	1289*
System-Wide mapping complete	(%)	100%
Mapping method(s)		
▪ Paper/Mylar	(%)	
▪ CADD	(%)	100%
▪ GIS	(%)	100%
Outfalls inspected/screened	(# or %)	30%
Illicit discharges identified	(#)	3
Illicit connections removed	(#) (est. gpd)	0
% of population on sewer	(%)	~50%
% of population on septic systems	(%)	~50%

Construction

Number of construction starts (>1-acre)	(#)	9
Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%)	100%
Site inspections completed	(# or %)	100%
Tickets/Stop work orders issued	(# or %)	0
Fines collected	(# and $)	0
Complaints/concerns received from public ***(*Specific to stormwater, erosion, or sediment control)***	(#)	**1***

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	100%
Site inspections completed	(# or %)	100%
Estimated volume of stormwater recharged	(gpy)	Unknown

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr)	Once/4yrs
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	Once/yr
Total number of structures cleaned ***(*~2000 to date, ~50% complete)***	(#)	500 (this period)*
Storm drain cleaned	(LF or mi.)	unknown
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	unknown
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		Beneficial use
Cost of screenings disposal	($)	Unknown

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	1/year
Average frequency of street sweeping (commercial/arterial or other critical streets) *(weekly April-Nov.)*	(times/yr)	35/year
Qty. of sand/debris collected by sweeping	(lbs. or tons)	unknown
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	Beneficial use
Cost of sweepings disposal	($)	unknown
Vacuum street sweepers purchased/leased	(#)	0
Vacuum street sweepers specified in contracts	(y/n)	0
*****Mechanical street sweepers contracted out*****		

Reduction in application on public land of: ("N/A" = never used; "100%" = elimination)		
▪ Fertilizers	(lbs. or %)	Unknown
▪ Herbicides	(lbs. or %)	Unknown
▪ Pesticides	(lbs. or %)	Unknown

Anti-/De-Icing products and ratios	% NaCl % $CaCl_2$ % $MgCl_2$ % CMA % Kac % KCl % Sand	80% 20%
Pre-wetting techniques utilized	(y/n)	No
Manual control spreaders used	(y/n)	Yes (12)
Automatic or Zero-velocity spreaders used	(y/n)	Yes (2)
Estimated net reduction in typical year salt application	(lbs. or %)	None
Salt pile(s) covered in storage shed(s)	(y/n)	Yes
Storage shed(s) in design or under construction ***New storage and loading facility completed**	(y/n)	N*

Memorandum

MM07-184

To: Michael A Fowler, Public Works Director
Craig Durrett, Environmental Coordinator
From: Alan Côté, Supt. of Operations
Date: August 30, 2007
Re: Dry Weather screening of outfalls

Earlier today, I completed dry weather outfall screening along Horne Brook (AKA Shields Brook) from the outfall at Horne Pond on Maple Street to its convergence with Beaver Brook at Fordway.

While there was significant amounts of debris within the brook bed including tires, bicycles, lumber, and brush, only one outfall had any flow running from it. An 18" RCP on the southeast side of the West Broadway Bridge had a trickle of clear water flowing from it. I traced the flow upstream several catch basins. The flow starts somewhere between the catch basin on the corner of West Broadway and Elm Street and the next catch basin downstream in front of Mike's Flooring, 47 West Broadway. I suspect that the flow is coming from a very minor water main leak. The flow is clear and is not leaving and staining on the concrete wall it flows out onto.

I did discover that one resident has been dumping their grass clippings into the brook at 64 West Broadway. I will be forwarding them a letter asking them to cease this activity.

I would highly recommend that we make a concerted effort to clear the brook of debris to prevent flooding on the sewer easement and prevent debris from floating downstream and causing issues at Town of Derry bridges.

Cc: File

DERRY FIRE DEPARTMENT

1883

George Klauber
Fire Chief

FIRE / AMBULANCE ADMINISTRATION
14 Manning Street
Derry, New Hampshire 03038

Emergency: 9-1-1
Business: 603-432-6751
Fax: 603-537-9216

At 11:13 on October 11 2007 Engine 2 running for Engine 1 to the area of 6 Tinkham ave reported possible chemical spill in the brook behind the building. On arrival Lt LaValley found an unknown blue substance in the water. This substance appeared to be through out the water column. As the substance flowed with the water it left no trace. Derry Fire Department firefighters checked upstream and reported the unknown substance started near the drain pipe from the Derry Police Parking lot. A check of buildings along the brook found no evidence of a spill.

The Southeast NH hazardous material team and NH DES were notified. Derry Rescue 1 with the spill trailer responded. Derry Fire Department crew's air monitored area using 4 gas, meter nothing found. An absorbent boom was placed at the entrance of the pipe leading to the storm drain system between #6 and #8 Tinkham Ave. The unknown substance flowed under the boom. Derry Fire Department crews then placed sand bags and booms in the catch basin in front of #10 and #12 Tinkham Ave. This appeared to contain the substance in the basin. Some of the substance flowed out of the storm drain system at the end of Tinkham Ave.

The unknown substance was tested by Southeast NH Hazardous Material team Leader Don Worthington using a spill fighter kit. C F Woodbury of NH DES assessed the situation. Water Samples were obtained at the end of Tinkham Ave.

All field tests indicated the substance was not a hazardous material. Field observations indicated the substance acted as a detergent or soap. Derry DPW reported the drain pipe at #6 Tinkham Ave gathered water from the PD parking lot and the car wash on Folsom Rd.

BC Hoffman and C F Woodbury met with management at the car wash. The car wash used several biodegradable blue soaps in their operation. A sample was obtained and mixed with water. This sample appeared to have the same characteristics as the unknown substance. The car wash manager reported they had washed 1 car today and had not lost any soap recently.

After tests indicated no environmental hazard and the substance began to self dissipate with no residue NH DES allowed Derry Fire Department crews to remove sandbags and booms. Although the substance appeared to be consistent with the car wash soap no definite connection could be found. The NH DES removed water and soap samples for testing

B C Hoffman
October 11 2007

Town of Derry
"Derry, New Hampshire's Place to Be"

DEPARTMENT OF PUBLIC WORKS
Michael A. Fowler, P.E., Director
Thomas A. Carrier, Deputy Director
PW07-463

August 31, 2007

Brian T. McMahon
64 West Broadway
Derry, NH 03038

Re: Grass clippings being dumped in Horne Brook

Dear Mr. McMahon,

Earlier today, I walked along the Horne Brook sewer easement in order to ensure that there are no pipes draining anything into the brook except storm water. The dry weather that we have been experiencing makes it very easy to identify flows that should not be occurring.

Fortunately I did not find any flows that indicated any illicit discharge taking place. I did however notice that whoever has been mowing your property at 64 West Broadway has thrown grass clippings into the brook to dispose of them. This activity can have a negative impact on the quality of water in Horne Brook and downstream to Beaver Brook and beyond. It is also unlawful to fill in wetlands without a dredge and fill permit. Please direct whoever has been conducting this practice on your property to cease doing so immediately.

The Town of Derry has been mandated by the EPA to make certain efforts toward improving the quality of surface waters throughout the urbanized portion of town. A large portion of this program is devoted to public education and outreach. I have enclosed a brochure which explains the "Do's and don'ts" of Storm Water `pollution prevention.

Thank you for your attention to this matter.

Sincerely,

Alan R. Côté, Supt of Operations

CC: Michael A Fowler, P.E., Director
Craig Durrett, Environmental Coordinator
File

14 Manning Street . Derry, New Hampshire 03038 . Tel 603.432.6144 Fax 603.432.6130 Website: www.derry-nh.org

Department of Public Works

Memorandum

M07-207

To: Michael A. Fowler, Director of Public Works
From: Craig S. Durrett, Environmental Coordinator
Date: November 15, 2007
Re: Wetlands Violation, Horne Brook at 33 Maple Street

On November 14, 2007, The Public Works Department observed a violation of the NH Wetlands Protection Act in which dredging and filling occurred in and adjacent to Horne Brook at 33 Maple Street without a permit, and without implementation of measures to control erosion or sedimentation or measures to stabilize the stream bank. The violation resulted in a 1500-foot long segment of Horne Brook becoming extremely cloudy and turbid which likely violated surface water quality standards for turbidity. Derry Code Enforcement was contacted and Fred Kelley visited the site to inspect the brook and speak with the property owner. Follow-up actions are required. Below is a summary of the events.

Discovery

Doug Rathburn and I were performing an Outfall Reconnaissance Inventory of Horne Brook to locate and document outfalls and discharges into Horne Brook and assess for illicit discharges. I started at Beaver Brook with the intention of following the brook up stream to Horne and Hood Ponds. When we reached the West Broadway Bridge, the stream became very cloudy and turbid. Downstream of the bridge, the water in the brook was very clear and the stream bed was visible to a depth of 3 to 4 feet. Upstream of the bridge, the stream bed was not visible beyond a depth of a couple inches.

We followed Horne Brook to Horne Pond (approximately 1500 feet) where it the source of the turbidity was found to be caused by dredging of the stream bed and placement of the dredge spoils on and along the bank of the brook at the 33 Maple Street property. Several yards of dredge spoils had been placed to form a berm along the stream bank. The dredged material consisted of approximately 70% bricks, concrete, and cobble size rocks with approximately 30% finer materials including sand, silt, gravel, and organics. Several larger boulders were placed along the edge of Horne Brook immediately below the Horne Pond dam. These boulders were placed over a culvert outfall from the property at 33 Maple Street, and concealed the culvert.

Inspection

I contacted Code Enforcement Robert Mackey, who in turn had Fred Kelley visit the site to inspect and speak with the owner. I escorted Fred Kelley during his inspection. The owner of the property stated that he performed the work over a 2 day period, November 13 and 14.

It involved entering the brook with his excavator, dredging the stream bed, and placing all of the dredged material along the eastern stream bank to construct the berm.

No wetland permits were applied for or issued, no erosion or sedimentation control practices were employed, no efforts were made to stabilize the bank nor are they planned.

Violation – The following are my interpretation of violations observed.

Env-Wt 303.03, the project is likely classified as a Minor Project in that it:

- is located in or adjacent to any water of the state (a),
- involves dredge and fill in a stream, removed less than 20 cubic yards of rock, gravel, mud, and other materials from public waters (g),
- appears to be less than 20,000 sf of alteration in nontidal surface waters or banks adjacent to nontidal surface waters (h),

Env-Wt 304.06, Erosion and Siltation Control Measures are required as follows:

- Measures shall be installed prior to start of work, maintained throughout the work, and remain in place during construction until all disturbed surfaces are stabilized (a),
- a coffer dam or curtain of a nonporous material shall be used to enclose the dredging project conducted in streams, rivers, and creeks or along the shoreline of surface waters (c),
- The construction or modification shall not cause violations of surface water quality standards specified in Env-Wq 1700 (turbidity cannot exceed 10 NTUs above normal background for the stream.) *Actual measurements have not been taken, but based on my experience it was likely violated.*

Env-Wt 304.11, Dredging Projects require the following:

- dredging spoils must be disposed of out of the areas under jurisdiction unless specifically permitted (a),
- dredged material to be stockpiled in uplands must be dewatered in sedimentation basins and located outside of jurisdiction (g), and
- appropriate controls such as silt curtains must be sued to contain turbidity (f).

Per Env-WT 500 Permit Procedure, a permit from NHDES wetlands bureau is required for this project.

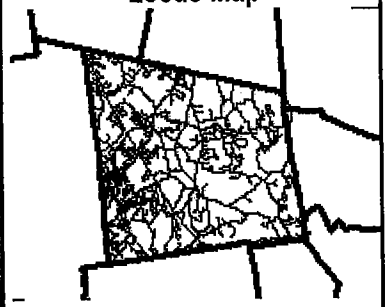
Recommendations

I recommend the following:

- Notify the owner in writing of the violations,
- Require owner to implement erosion and sedimentation control and bank stabilization practices, and
- Notify NHDES Wetland Bureau regarding the violation.

33 Maple Street
Wetland Violation

Locus Map



Disclaimer
Town of Derry, NH makes no warranty or representation as to the accuracy, timeliness or completeness of any of the data. The Town of Derry, NH shall have no liability for the data or lack thereof, or any decision made or action taken or not taken in reliance upon any of the data.

Wanted: People to protect watershed

Julie Huss

— Anyone interested in keeping water clean and plentiful in Beaver Lake and its watershed is invited to learn more about the water's care and future.

The Beaver Lake Watershed Partnership, along with the Beaver Lake Improvement Society and the town of Derry, is planning events and activities to get people involved in the life of the lake and its watershed. A storm drain stenciling event was planned for last Saturday where volunteers came out to paint the drains to advise people of potential dangers to the watershed if certain materials are dumped there.

On the storm drains that feed into the watershed, volunteers stenciled the messages "Dump No Waste, Drains to Lake," "Dump No Waste, Drains to Stream" and "Dump No Waste, Drains to Wetland."

The watershed partnership group, consisting of volunteers, lake supporters and residents from Derry, Chester and Auburn, met with state officials and formed a plan, now known as the Beaver Lake Watershed Management Plan. The group worked for the last two years on the plan and now is the time for people in the watershed areas to step up and get involved, planners said.

Pinkerton Academy students also worked on the management plan by taking the Academy's Stream Teams out into the lake's areas to take water samples and complete stream and water source surveys. The students plan to continue their watershed work this year.

Part of the plan is to work as communities to keep the watershed safe and clean as well as plan activities and offer resources for volunteers to get involved. The official plan lists 78 activities that can be carried out to support the watershed -- some easy, some more complex.

The Beaver Lake Watershed is comprised of 6,755 acres.

In August, when the plan was unveiled, Stephen Landry of the state Department of Environmental Services said forming the partnership was a "very exciting moment in time."

It was time to carry out the plan's objectives to keep the watershed intact, he said.

"This plan clearly illustrates what needs to happen," Landry said. "You can make a difference by taking on one activity."

The management plan for the watershed gave him hope, he said, that the lake would continue to support swimming, boating and the habitat.

"It all comes down to quality of life," Landry said.

The entire Beaver Lake management plan is available to view at BLWP.net. To learn more about getting involved in the activities defined under the plan, contact Landry at New Hampshire Department of Environmental Services, Watershed Assistance Section, at 271-2969.

Copyright © 1999-2006 cnhi, inc.

The Eagle-Tribune online

Keeping it clean: Stream Team give kids hands-on environmental experience

By Shelley J. Thompson, Staff writer
The Eagle-Tribune

— DERRY | The students crowded around bins of water, sifting through bugs, dirt and leaves as though panning for gold. While they didn't find any of the precious metal, they found the water quality equivalent | mayflies and case-building caddisflies.

Those bugs are highly sensitive to pollution, so their presence in streams are indications of good water quality.

Thirteen middle and high school students from Derry and Chester spent Monday morning in an unnamed stream off Back Chester Road in Derry scooping up bugs, timing ping pong balls as they floated down stream and counting pebbles as part of an in-depth study of the 6,756-acre Beaver Lake watershed.

Armed with global positioning system units, buckets, and plenty of bug spray, the Stream Teams collect a variety of data about streams. The work they'll do this summer will help establish a baseline health of the watershed and lay the groundwork for future monitoring.

The Stream Teams, made up of local students who volunteer their time, are part of the Beaver Lake Watershed Partnership's work to educate the public about water quality and the impacts of development on groundwater sources and the lake, as well as provide information on how towns, businesses and individuals can protect their water quality. The partnership is comprised of officials and volunteers from Derry, Chester and Auburn, and staff from the state Department of Environmental Services.

Last summer, the Stream Teams surveyed 15 percent | about a mile and a half | of streams in the watershed. Now, in their second summer, the teams will tackle the remainder of the watershed's nine miles of streams and might go back to see the effects of the spring flooding on stream sections surveyed last summer.

The Stream Teams will not survey wetlands and ponds because they don't have defined boundaries, said Steve Landry of DES, noting that the techniques for data gathering are geared toward "defined channels." Landry heads up the Stream Teams for the watershed partnership.

Recent Pinkerton Academy graduate Tom Ronan of Chester, who was also part of the teams last summer, said the work teaches "how important keeping streams in good quality is for everyone in your town."

Ronan, who will be a freshman at Johns Hopkins University in the fall, said the bug counts are fun and a good indicator of overall water quality.

While chemical tests can be helpful, Ronan said they only indicate the existence of the chemicals in the water at the moment the sample is taken. Certain bugs, including young bugs called nymphs, can be indicators of long-term water quality.

On Monday, Ronan's group found a large dragonfly nymph, which Jacqueline Cote, a DES intern, said needs four to five years in a stream to be ready to hatch. Finding one close to hatching is a sign of good quality over a number of years.

In addition to looking for bugs, the Stream Teams measure the size of streams, log water temperature, and test how quickly the streams are moving.

The students, who learned about the program in school or through family members, thought the bug counts were the most fun and fascinating aspect of the project. They cited a variety of reasons for volunteering, including an interest in the environment and a desire to be involved in the community.

Besides, they said, it's better than sitting on the couch all summer.

"I care about the environment, and the best way to start is at home," said Mandy Lafond of Derry, who will be a senior at Pinkerton Academy this fall.

Pinkerton science teacher Lisa Lavalley, who has been involved with the Beaver Lake Watershed Partnership from the start, said the Stream Teams give students a chance for some hands-on learning. In the future, the school might use the stream surveys as part of field biology classes.

The work of the Stream Teams is also a chance to educate the public about the watershed partnership's management plan, Landry said. Last summer, he said, the teams encountered residents who didn't even know about the group's work and used the interaction to tell them about the project.

Perhaps most importantly, the teams can help identify areas that are in serious need of protection or restoration so the responsible towns or agencies can take action, Landry said.

This week, for example, the teams encountered new gravel along the stream shore, which means the culvert washed out in the spring floods. That information can be passed on to the Derry Public Works Department so

it can be repaired.
The information gathered is also used to help DES determine if any streams are being polluted, and to get to the root of that pollution.

Copyright © 1999-2006 cnhi, inc.

Photos

Nicole Cuerdon, of Derry, disturbs the bottom of the stream to net insects and other stream creatures as part of monitoring and mapping a branch of Manter Brook off Back Chester Road. Volunteer Stream Teams are looking at the Beaver Lake watershed. Staff Photo

Protecting the Water

Dan Scharlach, left, spray paints the area around a storm drain near Beaver Lake last Saturday, as Ed Riemitis looks on. The men volunteered their time to help protect the Beaver Lake watershed in an event hosted by the Beaver Lake Improvement Association in cooperation with the Beaver Lake Watershed Partnership and the Town of Derry. The sign being painted reads "No dumping. Drains to Beaver Lake," with a drawing of a fish.

Craig Durrett

From: Mike Fowler
Sent: Wednesday, October 17, 2007 3:35 PM
To: Alan Cote; Craig Durrett
Subject: FW: Cub Scout Tour

Add this to the log of Phase 2 Educational outreach, I distributed stickers, bookmarks and pamphlets related to stormwater to approximately 50 Cub scouts.

Mike

From: Larry Budreau
Sent: Tuesday, October 16, 2007 10:44 AM
To: Mike Fowler; George Klauber; Barb Ellingwood; Denise Neale; Vern Thomas (Forward)
Cc: Gary Stenhouse
Subject: Cub Scout Tour

Wednesday October 17, 2007

Pack 98

Webelos Den 4
Webelos Den 5
Wolf Den 7

3:30 Meet in lobby
3:35 Cable TV studio – see themselves on a monitor – Barb Ellingwood - 5 minutes of what Cable TV does
3:45 Walk through behind tax collector windows, quick look at old Town Clerk records
3:50 3rd Floor Meeting Room – Mike Fowler – 5 minutes of what DPW does
3:55 3rd Floor Meeting Room – Doug Rathburn – 5 minutes of what GIS does
4:00 3rd Floor Meeting Room – sit Cub Scouts in Council Chairs – Larry Budreau – 5 minutes of how govt. operates
4:05 Parking lot – view Fire Engine – Battalion Chief - 5 minutes of what Fire Department does
4:15 Dismiss

Tight schedule, keep it moving, these are 8 year old children. Questions, complaints, concerns?

I'll be out all day, arriving at 3:30.

Thanks for your help

Larry

Craig Durrett

From: watershedpartnership-request@blwp.net on behalf of Landry, Steve [Stephen.Landry@des.nh.gov]
Sent: Monday, November 05, 2007 4:00 PM
To: watershedpartnership@blwp.net; pinkertonacademy@blwp.net; news@blwp.net; medialist@blwp.net; StreamTeams@blwp.net
Cc: Tompkins, Robert; timcpell@comcast.net; mlt@naturesource.net; Lavalley, Lisa; BrewsterBartlett@pinkertonacademy.org
Subject: Beaver Lake Watershed Storm Drain Stenciling this Saturday (10th) at 9:00 am - PLEASE RSVP!

Importance: High

THE ORIGINAL EVENT WAS CANCELLED DUE TO HIGH WINDS AND RAIN THIS PAST WEEKEND. PLEASE SEE MESSAGE BELOW FOR DETAILS ON THE UPCOMING STORM DRAIN STENCILING EVENT THIS COMING SATURDAY, NOVEMBER 10TH AT 9:00 AM. THANKS!

Greetings Beaver Lake Watershed Friends –

Not sure what to do this Saturday? Are you feeling like you've been neglecting your watershed lately? Do you have an overwhelming urge to spray paint public property in a consequence free environment?

If you answered "YES" to any of the above questions (but especially number 3), then you need to get down to Gallien's Beach by 9:00 am this Saturday morning for the Beaver Lake watershed storm drain stenciling event. This event is being hosted by the Beaver Lake Improvement Association in cooperation with the Beaver Lake Watershed Partnership, and the Town of Derry. The goal for this event is to identify (maps will be provided) and stencil as many storm drains that discharge into streams, wetlands, and lakes in the Beaver Lake watershed as possible. Stencils will have messages such as "Dump No Waste, Drains to Lake", "Dump No Waste, Drains to Stream", or "Dump No Waste, Drains to Wetland."

The messages are designed to educate watershed residents as well as visitors about the impacts of nonpoint source pollution reaching our surface waters through the storm drain system. Unlike sanitary sewer systems, the storm sewer system within the Beaver Lake watershed provides no treatment for pollutants that are rinsed off driveways, roads, lawns, or directly discharged into catch basins. Pollutants that enter the storm drain system are carried directly into wetlands, streams, lakes and ponds in the watershed where they have serious impacts upon water quality, habitat, and the wildlife residing there.

We hope that you will come out this Saturday, November 10th at Gallien's Beach from 9:00 am to noon (if there is interest, we will continue into the afternoon) to literally make your mark on the watershed and spread the word about pollution prevention and water quality protection. Here are a few things you may want to bring with you:

1. Old clothes and shoes that don't mind a little paint over-spray
2. Hand brush and/or broom for cleaning the area(s) to be stenciled
3. A rag or two for cleaning up any over-spray on hands, clothes, etc.

Please let me know if you can make this glorious, watershed-wide event on Saturday. Having a head-count will assist us in planning the event. Thanks, and hope to see many of you there on Saturday morning.

Steve Landry, Merrimack Watershed Supervisor

NH Department of Environmental Services

Craig Durrett

From:	Craig Durrett
Sent:	Wednesday, October 31, 2007 8:35 AM
To:	TOWN EMPLOYEES
Subject:	Household Hazardous Waste Collection Day - Nov 17
Attachments:	HHW Day Notice-November 2007.doc; Hazardous Matl in your home (2).pdf

According to the EPA, Americans generate 1.6 million tons of household hazardous waste per year. The average home can accumulate as much as 100 pounds of household hazardous waste in the basement or garage and in storage closets. Over-accumulation can lead to improper storage and disposal, exposure of children and pets, and contamination of our surface water and groundwater.

Residents of Derry and Londonderry can ensure proper disposal of these items by attending the Fall Household Hazardous Waste Collection Day on Saturday, November 17 in Londonderry, 9am-12pm. Now is a great time to start cleaning out those chemicals, paint thinners, household cleaners, fertilizers/pesticides, pool chemicals, and old gasoline. Directions to the event and a more extensive list of what to bring are attached. Also attached is a brochure on identifying hazardous materials in your home. Please share this announcement with your neighbors or coordinate a joint trip to event. (Nonresidents should check with their own town for scheduled events.)

Please note, that some items that will not be accepted include:

- **Latex paint - *(Let these dry out completely and then dispose of with regular trash, or donate them.)***
- **Batteries, fluorescent lights, and waste oil – *(Derry residents should drop these off at the designated collection areas at the Transfer Station. Non-residents should check with your town for designated drop off locations.)***
- **Explosives, asbestos, radioactive or infectious wastes - *(Contact NH Dept. of Environmental Services for proper disposal).***

For more information, contact Joanie Cornetta, Recycling Coordinator (432-4650) or Craig Durrett, Environmental Coordinator (432-6144).

Supervisors - Please share this with employees that do not have town email access.

Craig Durrett, PG
Environmental Coordinator
Town of Derry, Public Works
14 Manning Street
Derry, New Hampshire 03038
Phone: 603-432-6100 x5454

Fax: 603-432-6130

Town of Derry

"Derry, New Hampshire's Place to Be"

DEPARTMENT OF PUBLIC WORKS,
Michael Fowler, P.E., Director
Thomas A. Carrier, Deputy Director

PW08-311

April 28, 2008

Ann Herrick
US Environmental Protection Agency
1 Congress Street, Suite 1100 (CIP)
Boston, MA 02114-2023

RE: **NPDES Small MS4 General Permit Number NHR041005**
Year 5 Annual Report

Dear Ms. Herrick,

Enclosed please find the Town of Derry's NPDES Small MS4 General Permit Year 5 Annual Report.

If you have any questions, please contact Craig Durrett or me at (603) 432-6144

Very truly yours,

for Acting DPW Director

Michael A. Fowler, P.E.
Director of Public Works

Cc/att: Craig Durrett, Derry Public Works

/csd

Town of Derry

"Derry, New Hampshire's Place to Be"

DEPARTMENT OF PUBLIC WORKS,
Michael Fowler, P.E., Director
Thomas A. Carrier, Deputy Director

PW08-312

April 28, 2008

Jeffrey G. Andrews, PE
NHDES
Wastewater Engineering Bureau
P.O. Box 95, 29 Hazen Drive
Concord, NH 03302-0095

RE: **NPDES Small MS4 General Permit Number NHR041005**
Year 5 Annual Report

Dear Mr. Andrews,

Enclosed please find the Town of Derry's NPDES Small MS4 General Permit Year 5 Annual Report.

If you have any questions, please contact Craig Durrett or me at (603) 432-6144

Very truly yours,

acting DPW Director

for Michael A. Fowler, P.E.
Director of Public Works

Cc/att: Craig Durrett, Derry Public Works

/csd