

250 State Street
Granby, MA 01033
Ph: 413-467-3101
Fx: 413-467-2080



Fax

To: Ann Herrick	From: Chris Martin
Fax: 617-918-0505	Pages: Ten, including cover
Phone: 617-918-1560	Date: 4/28/2006
Re: NPDES	CC:
<input type="checkbox"/> Urgent <input checked="" type="checkbox"/> For Review <input type="checkbox"/> Please Comment <input type="checkbox"/> Please Reply <input type="checkbox"/> Please Recycle	

**Granby
Department**

Highway

250 State St
Granby, Ma 01033
(413) 467-7575

March 23, 2006

United States Environmental Protection Agency
One Congress Street Suite 100
Boston, MA 02114-2023

Re: Annual Report NPDES Permit #041007

Attn: Thelma Murphy

Dear Ms. Murphy:

Enclosed is a report from the Town of Granby on the implementation of our stormwater management program.

If you have any further questions, please contact Chris Martin Administrative Assistant or David Desrosiers, Highway Superintendent.

Sincerely,


Bryan Hauschild
Selectman

Municipality/Organization: Town of Granby

EPA NPDES Permit Number: 041007

MaDEP Transmittal Number: W- 040558

**Annual Report Number
& Reporting Period: No. 3:** _____

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Christopher Martin **Title:** Administrative Assistant

Telephone #: (413)467-3101 **Email:** ChrisM@granbyma.org

Certification:

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

Signature: _____



Printed Name: Bryan Hauschild

Title: Selectment

Date: 4/18/2006

**Granby
Department**

Highway

250 State St.
Granby, Ma 01033
(413) 467-7575

February 9, 2006

Massachusetts Department of Environmental Protection
Division of Watershed Management
627 Main Street
Worcester, MA 01608

Re: Annual Report NPDES Permit #041007

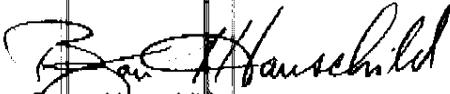
Attn: Mr. Glenn Haas

Dear Mr. Haas:

Enclosed is a report from the Town of Granby on the implementation of our stormwater management program.

If you have any further questions, please contact Chris Martin Administrative Assistant or David Desrosiers, Highway Superintendent.

Sincerely,



Bryan Hauschild
Selectman

Cc: US EPA

March 23, 2006

Self Assessment:

The Town of Granby has realized that our efforts in public education and outreach in the local community have not been very effective. Because of the poor participation, we decided to try a different approach. We have recently joined the Connecticut River Stormwater Phase II Committee, which is a sub-committee of the Connecticut River Cleanup Committee. The goals of this committee are to pool the resources of the participating communities, to prepare and provide advertising, education, and outreach materials for the entire region. The Pioneer Valley Planning Commission is assisting the member communities in this effort. Our hope is that we will be able to reach a much larger audience with this information thereby increasing the effectiveness of the campaign.

Other portions of our program have been more successful. The Highway Department has purchased a used catch basin cleaner. This vehicle has enabled us to reduce the backlog of maintenance on the stormdrain system. We have cleaned all of the catchbasins within the last two years. We have also used the jet rodder attachment on the truck to clear and open several blocked stormdrain pipes and culverts. We have also created a database to better manage the scheduled maintenance of the stormdrain system.

Next, we have prepared paper maps of the stormdrain system for the Police and Fire Departments. We are still working on the GIS data. We hope to have the entire stormdrain and sanitary sewer system completed in the next few years.

We have begun the annual inspections of the storm outfalls. At this time, there does not appear to be a significant problem with illicit discharges into our system. We have located one suspected illicit discharge. The Board of Health has been working with the homeowner on a redesign of a failed septic system. It is our understanding that repairs to this septic system will be completed in the near future.

Our Stormwater Phase II Committee has completed a draft of the proposed erosion and sediment control regulations and the illicit discharge regulations. These proposed regulations have been given to the Sewer Commissioners and Town Counsel for review. We have recommended that these regulations be incorporated with the sanitary sewer regulations. We hope to have these regulations in effect in the near future.

Based on these accomplishments, we believe that our program is producing positive results.

Appropriateness of BMPs:

The mapping of the stormdrain system and creation of a maintenance database is allowing us to improve maintenance of the system. We have located most of the storm outfalls in town. We have also begun annual inspections of these outfalls. Based on our observations, we do not believe that illicit discharges are a significant problem in our system.

We were aware of two potential problem areas with failing residential septic systems that were potentially impacting our storm drain system. One septic system has been repaired and the Board of Health is working with the homeowner on the other. We believe that the repairs to the second system will be performed in the near future.

As mentioned in previous reports, we believe that erosion and sedimentation is more of a problem than the illicit discharges into our system; therefore, we have placed extra resources in these areas. We have purchased a catch basin cleaner and we have created a database to manage the maintenance of the stormdrain system. We are also working to reduce the amount of sand used for winter snow and ice control operations. These efforts and the adoption of the proposed erosion/sediment control regulations are expected to be the most effective components of our program.

Progress Toward Achievable Goals:

Specific achievements toward the various BMPs are detailed below and grouped under the individual BMP I. D. number:

- 1) The Storm Water Phase 2 committee has completed a draft of proposed erosion/sediment control and illicit discharge regulations. The proposed regulations have been given to Town Counsel and the Sewer Commissioners for review. We have utilized volunteers from the Granby High School to assist with typing of the regulations.
- 3) Troubled waters brochures and posters are available at Town Hall.
- 4) We have joined the Connecticut River Storm Phase II Committee. We hope to achieve better support and public involvement by combining our resources with the surrounding communities. The Administrative Assistant is also continuing to upgrade the Town's computer system.
- 8) The Board of Selectmen is looking for volunteers to appoint to the Connecticut and Chicopee river watershed councils. We have joined the Connecticut River Storm Phase II Committee. The Highway Superintendent is representing the Town on this Committee.
- 9) Household waste recycling days are held annually.
- 10) The DPW has met with Mary McDowell, the principal at the Granby High School, and Cindy Sousa to discuss the possibility of enlisting students to volunteer for storm drain stenciling because we have received no interest from the Boy Scouts. They are considering incorporating this with their earth day activities.
- 11) Same as BMP 10. We have also accepted community service volunteers that have been provided through the court system to pick up roadside trash and clean up at the parks.
- 12) The Highway Department has always provided assistance for community cleanups. Also, we promptly try to pick up all large items that are dumped along the roadsides. We try not to let any accumulation occur in order to discourage and mitigate future dumping.
- 13) The Highway Department has purchased a hand held GPS unit and located nearly all the Catch Basins. We are proceeding with the mapping of outfalls and stormdrain piping as time allows.
- 14) We have delivered paper maps of the stormdrain system to the Police and Fire Departments. We are continuing to work on mapping and organizing the data. We have purchased Arcgis software. Our staff has made significant progress incorporating this data into a GIS system.
- 15) We have begun annual inspections of the storm outfalls.
- 16) We are awaiting adoption of the proposed illicit discharge regulations. As mentioned above, we do not believe that the illicit discharge is a significant problem in our system, based on the information currently available.
- 23) The Town has constructed a new DPW building. The new facility has enabled us to greatly improve our maintenance and housekeeping. We are still in the process of setting up the new facility. We hope to begin working on a municipal operation plan in the near future as time allows.
- 24) We have purchased a catch basin cleaner. We have also created a database to better manage the maintenance of the stormdrain system. This has enabled us to substantially increase the number of catch basins that are cleaned each year.
- 25) We have attended a seminar by Vortechonics on stormwater treatment.
- 26) We have replaced several deteriorated catch basins on Lanebrook Circle. In addition, we have replaced a failed culvert on Morgan Street.

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March 23, 2006

Next Cycle:

The Highway Department will try to place additional effort in the proximity to any impaired waters such as Aldrich Lake. We will try to increase the frequency of catch basin cleaning in these areas.

As mentioned above, the regulations for illicit discharge and erosion/ sediment control are currently being reviewed by the Town Counsel and the Sewer Commissioners. We hope to have the regulations adopted during the upcoming permit year. We will continue to work on establishing the local management and enforcement process necessary to implement the new regulations.

We are planning to continue our participation in the Connecticut River Stormwater Committee. We suspect that this will become a very effective tool to achieve our public outreach and education goals. We will also continue to encourage participation through the school system.

DPW representatives will continue to attend seminars.

Changes:

Due to significant staff reductions and budget cuts at the Highway Department over the last few years, it is not possible to send three employees annually to training seminars. We will make every attempt to send as many employees as possible to training; however, we suspect that only one or two employees will be able to attend seminars annually.

We have discussed the relatively poor response and public participation that we have witnessed at the local level. In an attempt to overcome this problem, we have joined the Connecticut River Stormwater Phase II Committee. We are hopeful that the advertising and outreach provided at the regional level will increase the public awareness and participation in our program. Because many of our bmp's require volunteers and help from the community, it is not possible to achieve some of our goals until this trend has been reversed. Meanwhile, we will continue to look for ways to improve the public participation and solicit help from other groups.

Reliance on Others:

We will continue to make a good faith effort to keep the program on schedule with the resources that are available. Our Town, like most other small communities, has already been forced to reduce staff and endure several years of budgets that have not been keeping pace with inflation. The added burdens of initiating new programs and regulatory requirements have further strained our current staff and budget resources. Since the State and Federal Government are in effect placing new enforcement responsibilities upon local government, they should provide some financial support for these programs. We would encourage the EPA and DEP to consider providing direct financial assistance to the local communities to assist in these areas. The assistance is especially needed by the smaller communities such as ours.

Program Summary:

See chart attached

STORM WATER MANAGEMENT PROGRAM SUMMARY

Mass. Transmittal No. _____
 EPA No. _____

Name: Town Of Granby
 Date: _____

BMP ID.	BMP	Responsible Dept./Person	Status	Measurable Goal
Minimum Control Measure 1		Public Education /Outreach		
1	Create a Stormwater Program	Selectmen/DPW/Planning/Health	Draft By-laws Complete	Present to public draft stormwater management plan
2	Create a Stormwater Program	Selectmen/DPW/Planning/Health	Pending Review by Town Counsel	Identify sources of assistance to implement plan
3	Address specific groups	DPW	Brochures available at town trail	Distribute EPA and other relevant educational brochures.
4	Target groups likely to impact stormwater	DPW	Joined Conn. River Storm Committee	Brochures targeting specific audiences and activities will be available.
5	Identify alternate information	Administrative Assistant/DPW	Awaiting By Law draft	Present to public draft of Comprehensive Stormwater Management Plan
6	Identify alternate information	Administrative Assistant/DPW		Identify funding sources and apply for assistance to implement plan including education and outreach
7	Utilize local public access channel	DPW	In process/ when appropriate	Public meeting notices and reviewing SMP
8	Develop, conduct and document educational programs	Liaison/DPW	Looking for Volunteers Joined Conn. River Storm Committee	Town will appoint a liaison to Conn. And Chicopee river watershed councils
9	Promote household waste recycling	Board of Health/ DPW	On going annually	Sponsor hazardous waste collection days
Minimum Control Measure 2		Public Participation		
10	Storm drain stenciling	DPW	Talked to Schools	Develop a stencil program Boy scouts have not responded schools may be interested in assisting
11	Community clean ups	Conservation commission/DPW	Talked to Schools	Encourage stream team cleanups
12	Community clean ups	DPW	Always available on request	Provide trucks and support efforts
Minimum Control Measure 3		IDDE		
13	Inventory and Mapping storm drain system	DPW	Proceeding in -house	Identify funding and obtain assistance
14	Mapping and identification of outfalls and receiving waters	DPW/Assessors	Proceeding in -house	Develop and implement a plan to map outfalls to receiving waters
15	Identification/description of problem areas	DPW	Have begun annual inspections	Develop and implement an IDDE plan

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STORM WATER MANAGEMENT PROGRAM SUMMARY

Mass. Transmittal No. _____
 EPA No. _____

Name: Town Of Granby
 Date: _____

16	Enforcement procedures addressing illicit discharges	Planning/Building/Town Council/Board of health	Awaiting Adoption of Local regulations	Review whether local authority is appropriate and able to respond to illicit discharges.
17	Public information program regarding hazardous waste and dumping	Board of Health/DPW	Ongoing by Board of Health	Provide educational brochures to residents promoting proper disposal of household hazardous wastes and conditions for regional collections.
18	Initiation of recycling programs	Board of Health/DPW	Ongoing By Board of Health	Apply for funding assistance in public education and recycling materials
19	Watershed assessments and studies	Board of Health/DPW/Conservation		Identify opportunities for assistance to support watershed assessment and implementation activities.
20	Watershed assessments and studies	Board of Health/DPW/Conservation		Encourage cooperation with public drinking water suppliers to develop wellhead protection plans
Minimum Control Measure 4		Construction Runoff Control		
21	Bylaw: Storm water management regulations for construction sites 1 acre or larger	Planning/Conservation/Town Council/Board of health/ZBA	Draft Complete	Review model by law
Minimum Control Measure 5		Post Construction Runoff Control		
22	Bylaw: Require post-construction runoff controls	Planning/Conservation/Town Council/Board of health/ZBA DPW	Draft Complete	Review model by law
Minimum Control Measure 6		Municipal Good Housekeeping		
23	Develop a municipal operations and Maintenance Plan	DPW	Proceeding as funding allows	Develop and update an operations plan
24	Develop a municipal operations and Maintenance Plan	DPW	Created Maintenance Database	Implement a formal inspection program

STORM WATER MANAGEMENT PROGRAM SUMMARY

Mass. Transmittal No. _____
EPA No. _____

Name: Town Of Granby
Date: _____

25	Develop and implement training programs for municipal employees	DPW	Ongoing	Send employees for training seminars
26	Review Storm drain infrastructure	DPW	On going	Review infrastructure in chapter 90 utilization