

EPA NPDES Permit Number : MA041007  
Annual Report Number 14  
Date : 3/20/17

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## Town of Granby

# NPDES PII Small MS4 General Permit Annual Report

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Date: 3/20/2017

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**Self Assessment:**

The Town of Granby continues to make a significant investment of time and effort in improvements to stormwater quality. Last year, we were able to clean over 500 catch basins and bring our maintenance up to date. This work generated over 43 tons of catch basin cleanings that were brought to a lined landfill for disposal.

Our curbside solid waste collection program is running smoothly. The Solid Waste Advisory Committee has been working with the DPW to expand the lawn waste collection and bulky waste collection program in order to encourage proper disposal of these wastes. It is our goal to facilitate proper disposal methods in an attempt to reduce illegal roadside dumping. Last year, we held five lawn waste and two bulky waste collection days.

Our Department had a very busy construction season last year. First we reconstructed Greenmeadow Lane. Approximately 2220 feet of roadway was reclaimed, regraded, and repaved. Next we reclaimed the parking lot at the Council of Aging /Town Hall. This project involved regrading and repaving. Once these projects were finished, we placed asphalt levelling shim coats on Ferry Hill Road and South Street between Ferry Hill Road and East Street. The levelling was done in order to prepare for the Hot in place asphalt recycling process. The Hot in place was then followed by a new Rubber chip seal. The Hot In place and rubber chip process was performed on 8900' of road.

After these projects, the Highway Department then started working on the first 4700' of Harris Street. Harris Street was reclaimed, regraded and repaved with a 2 inch asphaltic concrete wearing surface. We also removed ledge to improve grades and sight distance in several areas.

In addition to the above larger projects, the Department also worked on many smaller projects. We paved a small deteriorated section on Aldrich Street between Mill Lane and Amherst Street. We repaired catch basins on East Street, Smith Ave and Batchelor Streets. All of the above reconstruction repair and maintenance work mitigates erosion and sediment from runoff on old deteriorated pavements.

The Town of Granby continues to maintain its membership in the Connecticut River Stormwater Committee. We have participated in numerous meetings, including the Online Mobile Data Collection and Mapping Sub Committee. This group has worked to put out Requests for Qualifications that eventually led to the award of a contract with a consultant to help us with this work. All of this is being done to help us prepare for the requirements of the upcoming new Stormwater Phase Two permits.

The Town continues to provide significant investment in the operation and maintenance of our Stormdrainage system. We perform annual outfall inspections. We sweep roads and remove winter road sand as soon as possible after winter.

In light of the above, we believe that the Town of Granby is honoring its commitments under the current Stormwater Phase II permit requirements.

### **Appropriateness of BMPs:**

Once again, we are pleased to report that the Town of Granby maintains active membership on the Connecticut River Stormwater Committee. In fact, the involvement with the Pioneer Valley Planning Commission through the Connecticut River Storm Committee is expanding to include GIS consultant services to help us comply with the upcoming new Storm Phase 2 permit. We are committed to continue this relationship to pool our resources with the surrounding Towns in order to create an effective public education and outreach component of our programs. In addition, we are exploring the other areas where shared resources could be used to facilitate compliance under the proposed new permit. Areas we are currently exploring are employee training and physical testing.

As we have discussed in previous annual reports, the majority of our storm drainage system consists of small isolated systems with a few catchbasins discharging to a nearby low area, wetland or stream. Illicit discharges to a small isolated system such as this would be readily apparent and easily tracked to a source. Over the past few years, our outfall inspections have yielded only a few suspect discharges. Because of this we do not believe that illicit discharges are a significant problem within our system. In light of the above, it is our opinion that most of the bmp's outlined in our stormwater program are reasonable and appropriate for our system.

### **Progress Toward Achievable Goals:**

As mentioned above, we have eliminated the backlog of catchbasin cleaning. All catch basin cleaning is currently up to date. Springtime street sweeping operations are currently underway. We expect to begin catchbasin cleaning as soon as the sweeping is finished.

We completed our dry weather inspections of outfalls. We previously reported that several outfalls have a considerable amount of brush growing around the outfalls. We did not have the opportunity to clear the brush around these outfalls yet. However, since we expect that much less time will be required for Catch Basin cleaning in the upcoming year, we hope to be able to have enough time to complete any brush clearing in the near future.

We previously mentioned some of the seminars and programs that our employees have attended within the last year. We attempt to keep aware of the latest technology through these seminars and continuing education courses as time allows. This ongoing investment in continuing education and training demonstrates our commitment to the program.

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

- 1) The Local Storm Water regulations are in place. The proposed regulations have been reviewed by Town Counsel and the Sewer Commissioners. The sewer commissioners have incorporated the proposed regulations into the sewer regulations.

- 3) Troubled Waters brochures and posters are available at Town Hall. Posters are displayed at the Highway Department. Public outreach is also being accomplished through the Connecticut River Stormwater Committee advertising and presentations.
- 4) The Town of Granby is a member of The Connecticut River Stormwater Committee. This committee is providing outreach towards targeted groups. The DPW opened a waste oil collection center.
- 5) The Connecticut River Storm Committee has been very effective in providing public education and outreach in numerous venues. See attached report in appendix A
- 8) The Selectboard 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 previously enlisted the help of the local Girl Scout troop to stencil the catch basins. Their participation in this program seems to be declining therefore we will have to try to find another organizations to continue this effort.
- 11) 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. We have always encouraged and assisted any concerned residents and members of the Conservation Commission in coordinating roadside cleaning.
- 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 has mapped all storm drains and sanitary sewer systems. Data collection is complete. We have shared this data with the Conservation Commission and assisted them in establishing a GIS database for their use.
- 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 are continuing to perform annual inspections of the storm outfalls.
- 16) The proposed illicit discharge regulations have been adopted into our sewer regulations. As mentioned previously, we do not believe that the illicit discharge is a significant problem in our system, based on the information currently available.
- 19) As mentioned above, the town is working on a comprehensive wastewater management plan and a source water protection plan.
- 20) Same as above.
- 23) The Town has constructed a new DPW building. The new facility has enabled us to greatly improve our maintenance and housekeeping. 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 are planning to support training seminars for employees as time allows.
- 26) All ongoing road maintenance projects incorporate deep sump catchbasins and grass swales at a minimum.

**Next Cycle:**

Currently, we are still working under our previously issued NPDES MS4 permit. We are doing our best to anticipate and prepare for the requirements under the new permit. We are moving forward with a mobile GIS application for Data Collection and Mapping. We have entered into a contract with a consultant to assist us in filling out the Notice of Intent for the new permit. We have used data provided by the EPA and recommendations from our consultant to prepare our budgets for the upcoming year.

We are planning to continue our involvement with the Connecticut River Storm Committee. We expect the remainder of our operations to continue normally.

**Changes:**

We have hired a consultant to help us prepare the NOI for the new Stormwater Permit. We are currently preparing our budgets for the next fiscal year. We are incorporating cost estimates offered by the by the EPA and information provided by our consultant in order to estimate the cost of compliance for the upcoming year.

**Reliance on Others:**

As mentioned above, we are preparing a budget in anticipation of the new Storm Phase 2 regulations. The success of the Storm Phase 2 program as well as all other areas such as and pavement maintenance programs are all dependent upon adequate funding. We are hopeful that the taxpayers will support at least the minimum amount necessary for compliance with the new Storm Phase 2 regulations. However, the anticipated costs for compliance are a significant burden to small communities such as ours. We strongly encourage that the EPA and or the State provide additional help to the small communities in the form of direct funding or grants.

**Program Summary:**

See chart attached

**STORM WATER MANAGEMENT PROGRAM SUMMARY**

Mass. Transmittal No. \_\_\_\_\_  
 EPA No. \_\_041007\_\_\_\_\_

Name: Town Of Granby  
 Date: 3-20-17

BMP ID.	BMP	Responsible Dept./Person	Status	Measurable Goal
<b>Minimum Control Measure 1</b>		<b>Public Education /Outreach</b>		
1	Create a Stormwater Program	Selectmen/DPW/Planning/Health	Stormwater regulations adopted	Present to public draft stormwater management plan
2	Create a Stormwater Program	Selectmen/DPW/Planning/Health	Stormwater Regulations adopted	Identify sources of assistance to implement plan
3	Address specific groups	DPW	Brochures available at town hall	Distribute EPA and other relevant educational brochures.
4	Target groups likely to impact stormwater	DPW	Joined Conn. River Storm Committee/ Ongoing	Brochures targeting specific audiences and activities will be available.
5	Identify alternate information	Administrative Assistant/DPW	Stormwater Regulations adopted	Present to public draft of Comprehensive Stormwater Management Plan
6	Identify alternate information	Administrative Assistant/DPW	Ongoing through Conn. River Storm Comm.	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
<b>Minimum Control Measure 2</b>		<b>Public Participation</b>		
10	Storm drain stenciling	DPW	Looking for group to assist Girl Scouts	Develop a stencil program.
11	Community clean ups	Conservation commission/DPW	ongoing	Encourage stream team cleanups
12	Community clean ups	DPW	Always available on request	Provide trucks and support efforts
<b>Minimum Control Measure 3</b>		<b>IDDE</b>		
13	Inventory and Mapping storm drain system	DPW	GIS Data Collected in – house	Identify funding and obtain assistance
14	Mapping and identification of outfalls and	DPW/Assessors	GIS Data Collected in –	Develop and implement a plan to map outfalls to receiving waters

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	receiving waters		house	
15	Identification/description of problem areas	DPW	annual inspections ongoing	Develop and implement an IDDE plan
16	Enforcement procedures addressing illicit discharges	Planning/Building/Town Council/Board of health	Ongoing	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
<b>Minimum Control Measure 4</b>		<b>Construction Runoff Control</b>		
21	Bylaw: Storm water management regulations for construction sites 1 acre or larger	Planning/Conservation/Town Council/Board of health/ZBA	Regulations adopted, Purchased software to manage permits	By law adopted
<b>Minimum Control Measure 5</b>		<b>Post Construction Runoff Control</b>		
22	Bylaw: Require post-construction runoff controls	Planning/Conservation/Town Council/Board of health/ZBA DPW	Regulations adopted	By law Adopted
<b>Minimum Control Measure 6</b>		<b>Municipal Good Houskeeping</b>		
23	Develop a municipal operations and Maintenance Plan	DPW	Proceeding as funding allows	Develop and update an operations plan

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24	Develop a municipal operations and Maintenance Plan	DPW	Created Maintenance Database	Implement a formal inspection program
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