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Municipality/Organization: City of Fitchburg

EPA NPDES Permit Number: MAR 041189

MassDEP Transmittal Number: W-

Annual Report Number & Reporting Period: April 1, 2006 – March 31, 2007

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Denis Meunier Title: Commissioner DPW

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Certification:

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

Signature: Dan H. Mylott

Printed Name: Dan H. Mylott

Title: Mayor

Date: 12/10/07

Part II. Self Assessment

The city of Fitchburg has completed the required self assessment and has determined that at the end of the forth year reporting period the City was in compliance with all provisions of the approved NOI, except for the following provisions.

Part III PC-3: Operation and maintenance agreement: Work in progress as part of year number five work

Inspection and sampling of active construction sites has confirmed that selected BMP's have been effective in meeting storm water control goals and limits.

In addition to the efforts outlined in Part III of this report the City has, during the designated reporting period, continued a storm water sampling program in selected drainage basins. The results of the second year sampling program resulted in the identification of six illicit connections to the storm drain system. All identified illicit connections were eliminated. Results of the third year of this program identified two more illicit connections that were eliminated. Results of the forth year program identified two more illicit connections that have been eliminated. Substantial progress was made in the physical inspection, mapping, and dry weather sampling, if necessary, of storm water outfalls. All remaining outfalls will be inspected, sampled as necessary, during dry weather and all outfalls will be sampled during wet weather during the fifth year of the program. Mapping and digital photos of all outfalls will be updated during these inspections.

Part III Summary of Minimum Control Measures

Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Det./ Person	Measurable Goal	**Progress on Goal Permit years 1, 2,3,4**	**Planned Activites Permit year 5**
ID-1	Storm Drain Map	DPW	Update Storm drain map	**Storm drain map updated. Includes base flow data and location of outfalls. Inspection, sampling, and map update of all stormwater outfalls started.**	**Continue work to comply with permit requirements and deadlines.**
ID-2	Non-storm water discharge ordinance	Planning	Non-storm water ordinance	**ordinance in place**	**Continue activity**
ID-3	Industrial/Business Connections	IDC	Establish monitoring program	**Continue survey of industrial and commercial connections as part of combined sewer separation project**	**continue program**
ID-4	Illicit discharge elimination	BOH / DPW	Establish Program	**Illicit connection program established. Total of ten illicit sewer connections to storm system identified and eliminated**	**continue program**
ID-5	Illegal dumping task force	BOH	Form Task Force Quarterly Meetings	**City established environmental task force. A public and private partnership. Group activities include streamside clean-up, community policing of environmental issues, outreach to schools and volunteer participation**	**Continue program**

Part III Summary of Minimum Control Measures

BMP's for Meeting TMDL

BMP ID #	BMP Description	Responsible Det./ Person	Measurable Goal	Progress on Goal Permit year 1,2,3,4	Planned Activites Permit year 5
TM-1	Parking lot and street cleaning	DPW	Formalize Program	see municipal house keeping	continue activity
TM-2	Catch Basin cleaning	DPW	Formalize Program	see municipal house keeping	continuity activity
TM-3	Install deep sumps	Planning/ Engineering	Require all new development to install	Deep sumps installed in all new and rebuilt catch basins	continue activity
TM-4	Install gas and oil separators	DPW	Establish requirement	All new garage and other potential oil using activity required to install oil water separation	continue activity and inspect established locations for compliance
TM-5	Detention Basins	Planning/ Engineering	Establish design and requirement standards	Design and standards established. Enforce standards for new construction, inspect older construction for function and effectivness	continue activity

Part III Summary of Minimum Control Measures

Construction Site Runoff Control

BMP ID #	BMP Description	Responsible Det./ Person	Measurable Goal	Progress on Goal Permit years 1,2,3,4	Planned Activites Permit year 5
RC-1	Site Plan Review	Planning Dept.	Establish standards	Revised standards requiring BMP. Implemented and applied to all new construction regulated under Planning Board	Continue activity
RC-2	Erosion/Sediment control ordinance	Planning Dept.	Develop Ordinance	Existing ordinance updated	continue activity
RC-3	Storm water Pollution Prevention Plan	DPW	Require Plan for all projects	Plan required for all sub-division projects and major construction projects	Review effectiveness of program
RC-4	BMP measures for sediment/erosion	Con-Com	Establish for construction sites	Con-Com reviews and inspects sites for compliance with approved plans and BMP	Continue practice

Part III Summary of Minimum Control Measures

Post Construction Runoff Control

BMP ID #	BMP Description	Responsible Det./ Person	Measurable Goal	Progress on Goal Permit years 1,2,3,4	Planned Activites Permit year 5
PC-1	Post construction runoff ordinance	Planning Dept.	Develop Ordinance	Standards and program developed by joint effort between Con-Com and City Engineering. Formalized into plaanning board requirements.	Review effectivness of requirements.
PC-2	Site plan review for post construction	Planning Dept.	Adopt Standards	Post construction site plan review conducted for all planned sub-divisions and major construction sites	Continue activity
PC-3	Operation and maintenance agreement	DPW	Develop Model	No progress made	Develop model and scope of work

Part III Summary of Minimum Control Measures

Public Involvement and Participation

BMP ID #	BMP Description	Responsible Det./ Person	Measurable Goal	Progress on Goal Permit years 1,2,3,4	Planned Activites Permit year 5
PP-1	Watershed Organization	Planning Dept.	Organize watershed Committee	Watershed Committee organized as subcommittee of City Con-Com. Watershed land maps updated and overlaid on topo. maps Sensitive land parcels identified and prioritized for purchase or protection. Work with Nashua River Watershed Group to perform storm water sampling identify illicit connections.	Continue program
PP-2	Stream cleanings	DPW	Civic Clean up days	Community service work crews from Dept. of Corrections performed stream side clean up. Civic clean up days held each spring in all City wards. Stream clean up part of program.	Continue program
PP-3	Storm drain stenciling	DPW	Civilian stenciling program	Storm drain marking program begun	Stenciling program to continue

Part III

Summary of Minimum Control Measures

Public Education and Outreach

BMP ID #	BMP Description	Responsible Det./ Person	Measurable Goal	Progress on Goal Permit years 1,2,3,4	Planned Activites Permit year 5
PE-1	Partnership Program	Planning Dept.	Establish education and outreach program	City established environmental task force. A public and private partnership. Group activities include streamside clean-up, community policing of environmental issues, outreach to schools and volunteer participation	continue activity.
PE-2	Web Site Creation	Planning Dept.	Website for storm water pollution prevention	maintain City web site link to EPA storm water information	Continue activity
PE-3	Brochures and fact sheet	DPW	Door hangers distributed	Information mailer distributed via water and sewer bills	continue activity
PE-4	Classroom Education	School Dept.	50% of K-12 every 2 yrs.	Storm water education introduced as part of science curriculum grades 4 and 6	continue activity work with schools to expand education to other grade levels.

Part III Summary of Minimum Control Measures

Municipal Good Housekeeping

BMP ID #	BMP Description	Responsible Det./ Person	Measurable Goal	Progress on Goal . Permit years 1,2,3,4	Planned Activites year 5
MH-1	Pet waste collection	BOH	Distribute brochures	Include educational material in water bill	continue activity
MH-2	Parking lot and street cleaning	DPW	Increase frequency	Street and parking lots sweeping program active nine months per year. All streets swept a minimum of twice per year. Main lines swept multiple times per year	Contiue program. Main Street now swept three times per week during summer and fall months.
MH-3	Catch basin cleaning	DPW	Implement program to track and increase frequency	Catch basin cleaning program active nine months per year. Approximately 500 basins cleaned per year. Record keeping and tracking computerized.	continue program.
MH-4	Spill Response & Prevention	Fire Dept.	Formalize program provide education	Conduct annual review and training at specific sites including wastewater, water and DPW faciities	continue program.