TOWN OF FRAMINGHAM
DEPARTMENT OF PUBLIC WORKS
ENGINEERING & TRANSPORTATION DIVISION

"Dedicated to Excellence in Public Service"

PETER A. SELLERS
DIRECTOR OF PUBLIC WORKS

THOMAS M. HOLDER
DEPUTY DIRECTOR OF PUBLIC WORKS

WILLIAM R. SEDEWITZ, PE
DIRECTOR OF ENGINEERING & TRANSPORTATION

To:	Thelma Murphy	**From:**	Bill Sedewitz
Organization/ Address:	U.S. Environmental Protection Agency 1 Congress Street, Suite 1100 Boston, MA	**Date:**	May 1, 2006

Re: NPDES Phase II Small MS4 General Permit Annual Report, Permit No. MAR041116

Via: *Mail:* *Overnight:* *Courier:* X

Enclosed please find: - Year 3 Annual Report

Per your request		**Approved**	
For your use	X	**Approved as noted**	
For your signature		**Returned to you for correction**	

Message:

Please contact me at (508) 620-4844 or wrs@FraminghamMA.gov if you require any additional information.

Thank you.

Received
5/1/06

William R. Sedewitz

William R. Sedewitz, P.E.
Director of Engineering

Municipality/Organization: Town of Framingham

EPA NPDES Permit Number: MA R041116

MaDEP Transmittal Number: W-041299

Annual Report Number & Reporting Period: **No. 3: March '05 – March '06**

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Valerie Mulvey Title: Interim Town Manager

Telephone #: 508-532-5678 Email: Valerie.Mulvey@Framinghamma.gov

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: Valerie Mulvey

Printed Name: Valerie Mulvey

Title: Interim Town Manager

Date: 5/1/06

Part II. Self-Assessment

The Town of Framingham has completed the required self-assessment for Permit Year three and finds that our municipality is in compliance with all permit conditions.

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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
3-1	Year 3 BMP called for the SuAsCo Storm Water Flyer on pesticide and herbicide use, water conservation practices, pet waste and trash management, car washing and proper disposal of household hazardous wastes to be mailed to selected businesses within the community	SuAsCo/ Framingham DPW	Distribution of Storm Water Flyer to 25% of businesses within the community.	This BMP did not take place in this permit year. It is anticipated to take place in the next Permit Year. See revision below.	Framingham will participate in the next stage of the SuAsCo program, and continue to provide public information on stormwater management and quality issues as appropriate. The original SuAsCo program (as reported in the NOI) called for the Media Campaign to take place in year four, and the business flyer distribution to take place in year three. These activities have been reversed. The Town intends to conduct the activities as provided by, and in the order established by, SuAsCo. That program has been reviewed and endorsed by representatives of MA DEP and EPA.
Revised	*Stormwater Media Campaign*	SuAsCo/ Framingham DPW	Multiple Press Releases to be published in local papers.	The material for the media campaign was delivered to the Town by the SuAsCo Community Council on March 28, 2006. The press releases and media campaign will be undertaken in the near future.	
Revised					
Revised					

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
3-2	SuAsCo to sponsor Stormwater Photo Contest for High School Students.	SuAsCo/ Framingham, DPW	Contest will be held, entries received, judged and displayed.	Based on program changes in the SuAsCo Community Assistance Program for NPDES Phase II communities, this BMP will not be undertaken in Permit Year 3.	Framingham will continue to implement the Public Involvement Program as developed and distributed by SuAsCo Watershed Community Council.
Revised	*The SuAsCo Community Assistance Program replaced this BMP with what had originally been the Year 4 BMP, including a local stormwater summit.*	SuAsCo/ Framingham DPW	Participation in the local stormwater summit.	Material for the summit was delivered by the SuAsCo Community Council on March 28, 2006. The program will be undertaken in the near future. The Town has a Powerpoint presentation and banner to be utilized during the summit.	The original SuAsCo program (as reported in the NOI) called for the Photo Contest to take place in year four, and the stormwater summit to take place in year three. These activities have been reversed. The Town intends to conduct the activities as provided by, and in the order established by, SuAsCo. That program has been reviewed and endorsed by representatives of MA DEP and EPA.
Revised					
Revised					
Revised					

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
3-3	Implement plan to detect and eliminate illicit discharges	Framingham DPW/ConComm	Implement Plan to detect and eliminate illicit discharges.	Preliminary illicit discharge investigations were performed in the first several years of the program. A Draft Report (May 2005) provided a breakdown of priority sub-basins based on existing conditions and basin land-use characteristics. The Town has reviewed model by-laws relative to non-stormwater prohibitions and will continue to develop draft by-laws for consideration at Town Meeting.	Develop illicit discharge elimination program and by-law. A consultant is currently under contract to develop a by-law prohibiting non-stormwater discharges to the Framingham Storm Drain System. The Town has an article on the Town Warrant at its Annual Town Meeting in May to undertake a detailed analysis of the Beaver Dam Brook Sub-basin, which was identified as the greatest priority relative to water quality and flooding in an area of major redevelopment in Framingham. The study will include evaluation of water quality and potential contaminant sources (both overland flow and illicit connections or discharges), hydraulic constraints, and hydrologic characteristics contributing to flooding.
Revised					
Revised					
Revised					

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
3-4	Construction site run-off controls.	Framingham DPW/Con Comm	Review, implement, inspect and enforce construction site runoff controls.	In previous permit years (at April 2004 Town Meeting) Art 34. Erosion Control (Fig. 1) and Art. 35. Earth Removal (Fig. 2) amended Sec. IV, Special Regulations, Subsection H of the Framingham Zoning By-Law, which includes reference to DEP Storm Water Management Policy. Standard details for stormwater management systems were drafted and presented in the Draft Supplemental Stormwater Services Summary Report in May 2005.	A review of relevant Zoning by-laws, including recent modifications, will be undertaken to determine if a single comprehensive by-law can be drafted and proposed to better coordinate and clarify stormwater management and environmental protection requirements under land use zoning measures. Additional construction standard details for stormwater structures and pavement are under development and will be completed during Permit Year 4. These details will be included in the Town's Subdivision Rules and Regulations for reference by development proponents.
Revised					
Revised					
Revised					
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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
3-5	Implement Drainage Master Plan.	Framingham DPW/Con Comm	Implement the plan over remaining years of permit.	S E A Consultants performed a conditional assessment on central portions of the stormwater system and each drainage sub-system within Framingham. Those efforts are the basis for a strategic plan to perform systematic improvements to the Town's infrastructure. The Draft report for this plan was presented to the Town in May 2005.	See BMP # 3-3. A detailed analysis of the greatest priority sub-basin will be conducted in Permit Year 4. Incorporate new standard details into Rules and Regulations. See BMP #1-4. Review of existing Zoning By-law will be performed.
Revised					
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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
3-6	Develop a plan to coordinate the frequency of street sweeping and catch basin cleaning.	Framingham DPW/Con Comm/Board of Health	Create the plan.	The Town has been putting an asset management program into place, using software tools to enhance opportunities to evaluate data collected over time, specifically as it relates to operating and maintenance practices.	Through tracking over time, using the Town's asset management software tools, the Town intends to evaluate and modify existing good housekeeping practices on a continuing basis. The Town will coordinate with the current clean-out contractor to inventory catch basin volumes to establish baseline data. Continue to evaluate effectiveness of the catch basin cleaning program.
Revised					
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Revised					

6a. Additions

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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
Revised				DEP has not released the TMDL report and targets for the Sudbury River.	Once the TMDL report is released by DEP, develop plans to obtain the goals.
Revised					
Revised					
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Revised					
Revised					

7a. Additions

7b. WLA Assessment

Part IV. Summary of Information Collected and Analyzed

In 2003, information on 490 outfalls was collected and analyzed by Rizzo Associates, Framingham, MA. In 2004, S E A Consultants continued those efforts to map and conditionally assess the Town's drainage system. Based on GPS location, as-built record drawings and field observations, 12,365 drainage structures and 12,254 conveyance systems have been identified and mapped in a GIS system. Drainage structures include: manholes, catch basins, outfalls, culvert inlets and outlets, and other such system features. Conveyance systems include: pipes, swales, culverts and infiltrators. Concurrent with the mapping efforts, S E A performed conditional assessment on the large conveyance systems (i.e. large diameter pipes and centralized drainage swales), and conducted water quality sampling at over twenty locations.