Town of West Bridgewater
Office of the Administrator
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West Bridgewater, MA 02379
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MAY - 9 2006

May 2, 2006

Sent Registered Mail

U.S. Environmental Protective Agency
Water Technical Unit
P.O. Box 8127
Boston, MA 02114

Massachusetts Department of Environmental Protection
Division of Watershed Management – Phase II Stormwater
627 Main Street
Worcester, MA 01608

RE: NPDES PII Small MS4 General Permit Third Annual Report for
EPA NPDES Permit Number **MAR041172** and
MaDEP Transmittal Number **W-041193**

To Whom it May Concern:

Enclosed please find the Town of West Bridgewater's third annual repot as referenced above.

The required **DECLARATION** form has been completed and is enclosed.

Please call if you have any further questions of the Town in this regard.

Sincerely,

Elizabeth D. Faricy
Administrator

CC: Board of Selectmen
Highway Supt. Thomas C. Green

ATTACHMENT

Instructions: Complete and Include With Your Response

DECLARATION

I declare under penalty of perjury that I am Elizabeth D. Faricy, the Administrator of the City/Town of West Bridgewater, Massachusetts, that I am authorized to respond on behalf of the City/Town and that the foregoing is a complete, true and correct response.

Executed on April 30, 2006

Elizabeth D Faricy

[Signature]

Elizabeth D. Faricy,

Administrator

[Typed Name and Title]

Municipality/Organization: **Town of West Bridgewater**

EPA NPDES Permit Number: MAR041172

MaDEP Transmittal Number: **W-041193**

Annual Report Number & Reporting Period: No. 2 March 05-March 06

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Thomas C. Green Title: Highway Superintendent

Telephone #: 1-508-894-1216 Email: TGreen@Wbridgewater.com

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: Elizabeth D Faricy

Printed Name: Elizabeth D. Faricy

Title: Administrator

Date: April 30, 2006

Part II. Self-Assessment

The Town of West Bridgewater has completed the required self-assessment and has determined that our municipality is in compliance with all permit conditions except for the following provisions:

1. **BMP No. 2: Consider additional public notices of S/W BMPs through newspaper articles.**
2. **BMP No. 3: Stencil Storm Drains - will begin during the next phase.**
3. **BMP No. 4: Educate Students**

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
1.	Enlist residents as S/W Educators	S/W Mgr.	Form public ed. force	Continue review of PER as a committee	Continue review of PER as a committee
2.	Design & Distribute brochures	S/W Mgr.	Raise public awareness	NO progress	Consider additional public notice through newspaper articles
3.	Stencil storm drains	Highway Department	Identify MSW4's	Looking into suitable materials to use to perform stenciling	.Begin stenciling storm drains.
4.	Educate students	Task Force and Teachers	Introduce in classrooms	No progress	Looking into suitable materials to use for education of students.
Revised					
Revised					

1a. Additions

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
5.	Form Technical Committee (T/C)	S/W Mgr.	Comm. Provides tech assistance	CWRMP Committee continues review of the State mandated PER	Continue program
6.	T/C reviews general permit	T/C	Goals identified	NPDES permit review	On going.
7.	T/C drafts by-laws	T/C	Town Mtg. adopts by-laws	Completed.	Completed.
8.	Residents assist with by-law enforcement	S/W Mgr.	Residents report violations	Residents report violations to Board of Health and/or Highway Supt. Supt. investigates and action taken to stop the violation.	Ongoing.
Revised					
Revised					

2a. Additions

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
9.	Map outfalls and MS4	Highway Supt.	Map of MS4	On-going program	Continue program
10.	Train staff in outfall inspection	Highway Supt.	Develop detection program	Started training staff in outfall inspections.	On-Going program for all members of department
11.	Tech Comm. Drafts illicit discharge bylaw	Highway Supt.	Town adopts bylaw	Completed	Completed
12.	Enforcement of bylaw	Highway Supt., Selectmen	Discourage violations.	Ongoing program	Continue
Revised					
Revised					

3a. Additions

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
13.	Joint selection of erosion BMPs to b e required for construction	Tech. Comm.	Con-Com. Assist w/drafting Erosion & Sediment Control By-Law	Work with ConCom By-Laws and Rules and Regulations which address erosion and sediment control to learn procedures to follow.	Ongoing.
14.	Pl. Bd. Includes E&S BMPs in subdivision review	Tech.Comm, Pl Bd.	BMPs required	Worked with Planning Board Chairman to make sure BMPs are required of new developments during Site Plan Review.	Ongoing.
15.	ZBA includes E&S BMPs in site plan review	Tech.Comm., ZBA	BMPs required	Worked with Zoning Board of Appeals to make sure that BMPs are required of new developments during Site Plan Review.	Ongoing.
Revised					
Revised					
Revised					

4a. Additions

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
16.	PlBd Meets with Tech.Comm to review goals of S/W plans	Pl.Bd., Tech Comm.	Identify changes in regs needed to comply	Review all BMPs with Planning Board Chairman to incorporate into SPR process	Ongoing.
17.	Propose regulation changes as appropriate	Pl.Bd., Tech Comm, ZBA	Amend existing regulations	Done.	Completed
18.	Require BMPs in review process	Pl. Bd., ZBA	Land use boards require S/W management plans	Done.	Completed.
19.	Require deed restrictions	Pl.Bd/. ZBA, Town Counsel, S/W Mgr.	Town can ensure long term maintenance	Ongoing.	Ongoing.
Revised					
Revised					

5a. Additions

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
20.	Clean Catch basins regularly	Highway Dept.	Prevent debris from entering MS4	In progress.	Continue program.
21.	Sweep streets regularly	Highway Dept.	Prevent sand & debris from entering MS4	In progress.	Continue program.
22.	Use E&S controls for road repairs	Highway Department	Prevent erosion into MS4	Began program in Spring 2005	Ongoing.
23.	Cover outside drains	Highway Dept.	Prevent leachate	In progress	Continue program.
Revised					
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
24.	Does MS4 discharge into impaired water body?	Highway Supt.	Show outfalls of MS4 into impaired water bodies	Review those known to date.	Continue program
25.	Identify whether pollutants are discharging into MS4	Highway Supt.	Identify source of pollutants	On Going inspections and identification of pollutants.	Continue program
26.	Ensure WLA met by S/W BMPs	Highway Supt.	Determine if add'l S/W BMPs needed	Work with peer engineering review with Planning Board and Zoning Board of Appeals for each new Site Plan Review.	Continue program
27.	Eliminate pollutant discharges coming through MS4	Highway Supt.	Enforce illicit discharge by-law	Review those known to date and enforced by By-Law.	Ongoing.
Revised					
Revised					
Revised					

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	Yes, Highway Supt.	
Annual program budget/expenditures – Could estimate a percent of annual DPW Budget.	Not Estimated	

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	2,200 households	
Stormwater management committee established	Yes	
Stream teams established or supported	Yes	
Shoreline clean-up participation or quantity of shoreline miles cleaned	N/A	
Household Hazardous Waste Collection Days		
▪ days sponsored	2	
▪ community participation	2000	
▪ material collected	Paints, solvents,tires, all hazardous materials.	
School curricula implemented	Not yet	

Legal/Regulatory

	In Place Prior to Phase III	Under Review	Drafted	Adopted
Regulatory Mechanism Status (indicate with "**X**")				
▪ Illicit Discharge Detection & Elimination				X
▪ Erosion & Sediment Control	X			X
▪ Post-Development Stormwater Management	X			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	80 %	
Estimated or actual number of outfalls	24	
System-Wide mapping complete	80%	
Mapping method(s)		
▪ Paper/Mylar	0	
▪ CADD	0	
▪ GIS	24	
Outfalls inspected/screened	All inspected	
Illicit discharges identified	1	
Illicit connections removed	1	
% of population on sewer	4%	
% of population on septic systems	96%	

Construction

Number of construction starts (>1-acre)	5	
Estimated percentage of construction starts adequately regulated for erosion and sediment control	100%	
Site inspections completed	100%	
Tickets/Stop work orders issued	1	
Fines collected	0	
Complaints/concerns received from public	0	

Post-Development Stormwater Management

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

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	1 time/year	
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	1 time/year	
Total number of structures cleaned	400	
Storm drain cleaned	10 miles	
Qty. of screenings/debris removed from storm sewer infrastructure	50 T/est.	
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)	Compost	
Cost of screenings disposal	$4,000	

Average frequency of street sweeping (non-commercial/non-arterial streets)	2 times/year	

Average frequency of street sweeping (commercial/arterial or other critical streets)	3 times/year	
Qty. of sand/debris collected by sweeping	50 T/estimate	
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	Compost	
Cost of sweepings disposal	0	
Vacuum street sweepers purchased/leased	N/A	
Vacuum street sweepers specified in contracts	N/A	

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

Anti-/De-Icing products and ratios	0:1 ratio sand/salt – de-icing	
Pre-wetting techniques utilized	Y	
Manual control spreaders used	Y	
Automatic or Zero-velocity spreaders used	N	
Estimated net reduction in typical year salt application	Unknown	
Salt pile(s) covered in storage shed(s)	Yes	
Storage shed(s) in design or under construction -- WB shed is on site, completely covered and locked	Completed before NPDES permit	

MAY - 9 2006