

Municipality/Organization: Wrentham

EPA NPDES Permit Number: MAR041175

MassDEP Transmittal Number: W-036282

Annual Report Number Year 6

& Reporting Period: April 1, 2008 – March 31, 2009

NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2009)

Part I. General Information

Contact Person: Irving Priest

Title: Superintendent

Telephone #: 508-384-5477

Email: ipriest@wrentham.ma.us

Mailing Address: P.O. Box 658 Wrentham, MA 02093

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: _____

John J. McFeeley

Printed Name: _____

John J. McFeeley

Title: _____

Town Administrator

Date: _____

April 30, 2009

Part II. Self-Assessment

The draft bylaw was presented again at the Special Town Meeting in November 2008 and failed for a second time. The direction taken was then to address deficiencies through Board of Health Regulations. The regulations were amended on March 23, 2009 to address illicit discharges, construction site runoff, and post construction site runoff, thus bringing the Town within compliance of the EPA requirements.

The Town has continued to implement best management practices in relation to street sweeping and catch basin cleaning townwide.

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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
1a Revised	Distribute/Post Nonpoint Source Pollution Poster	DPW Superintendent	Post in all schools and Town Buildings	During Permit Year 1, nonpoint source pollution posters were given to all fifth grade teachers at the Roderick School to hang in their classrooms, and poster were also distributed to town office buildings. Posters remained hanging in public locations (schools, post office, etc.) throughout Permit Year 5.	Nonpoint source pollution poster will remain hanging in public locations during Permit Year 6
1b Revised	Air stormwater message on local cable access channel	DPW Superintendent	Post one message every month	The Town has prepared a list of stormwater messages to be aired on the local cable access channel. A new message is aired each month. These messages were aired during Permit Year 5	In Permit Year 6, the town intends to televise both the public education workshop and the list of stormwater messages on the Wrentham Cable Access Channel.
1c Revised	Obtain and distribute auto repair shop brochures	DPW Superintendent	Distribute to all impacted local businesses	A brochure was obtained during Permit Year 1 to send to auto repair shops regarding the proper storage and disposal of waste oil. During Permit Year 2, the town developed a letter to mail to all auto repair shop along with the brochure. The brochure was mailed in Permit Year 4.	No activities planned for Permit Year 6
1d Revised	Add stormwater information to the Town's website	DPW Superintendent	Update information quarterly to address seasonal concerns	During Permit Year 1, a list of stormwater links was developed to be added to the town website. The town is still redesigning the website and will add the links in Permit Year 5	The list of stormwater links will be added to the town's website in Permit Year 6.
1e	Prepare and distribute stormwater brochure	DPW Superintendent	Distribute to local residents, businesses, and schools	During Permit Years 1 & 2, the town prepared and printed a brochure that targets homeowners, and informs them	The brochures remain available to residents and businesses, and during Permit Year 6 will be redistributed to

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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
2a Revised	Hold public meetings with local residents	DPW Superintendent	Conduct two public meetings during the permit cycle	In Permit Year 2, a public meeting was held in conjunction with the Board of Selectmen's weekly meetings and was aired live on cable access channel. It was aired again for a total of 29 viewings. The public meeting for Permit Year 3 was held in Permit Year 5, in conjunction with the presentation of the town-wide Stormwater Management Plan.	No activities are planned in Permit Year 6.
2b Revised	Coordinate public outreach program	DPW Superintendent	Conduct two workshops for residents over the permit cycle	Eight public education workshops were conducted with a total of approximately 200 fifth-grade children at the Roderick School during Permit Year 1. Articles about the workshops were placed in two local newspapers. One workshop was taped and aired on the town's cable access channel during Permit Years 3 & 4.	The taped workshop will be aired on local cable access channel during Permit Year 6
2c Revised	Hold Household Hazardous Waste Day	Wrentham Recycling Committee	Hold a collection day each year	The Wrentham Recycling Committee holds a HHWD each year in order to recycle: antifreeze, brake fluid, motor oil, batteries, fertilizers, fuels, paint, pesticides, mercury containing items, solvents, and tires. A HHWD was held in Permit Year 5	The Wrentham Recycling Committee is planning to hold a HHWD in Permit Year 6.
Revised					
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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities -- Permit Year 5
3a	Map outfalls and receiving waters	DPW Superintendent	Develop map in first permit year and map 25% of outfalls that drain urbanized areas in each year after	All outfalls within Phase II urbanized areas were mapped during Permit Years 1 & 2.	No activities are planned for Permit Year 6
Revised					
3b	Review existing bylaws and regulations	DPW Superintendent BOH Chair	Determine if existing bylaws and regs fulfill EPA requirements	The stormwater bylaw was presented for town meeting approval and was not passed. The Board of Health then redrafted the bylaw to regulations and held a hearing on 3/23/09 and adopted the required regulations	No activities are planned for Permit Year 6
Revised					
3c	Develop illicit discharge, detection & elimination plan	DPW Superintendent BOH Chair	Make recommendations for inclusion into proposed plan	IDDE plans were included into a proposed bylaw which was turned down at 2 town meetings. IDDE plans were then adapted and included in revised BOH regulations and adopted on 3/23/09	No activities are planned for Permit Year 6
Revised					
3d	Develop/Modify General Illicit Discharge Bylaw	DPW Superintendent BOH Chair	Propose recommendations for modifying/developing bylaw	A general illicit discharge section was included in the proposed bylaw which was turned down at town meetings. It was then redrafted as a BOH regulation and adopted on 3/23/09	No activities are planned for Permit Year 6
Revised					
3e	Present bylaw for town meeting action	DPW Superintendent BOH Chair	Make presentation for town meeting action	The proposed bylaw was presented at town meeting and turned down.	No activities are planned for Permit Year 6
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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5 Permit Year 6
4a Revised	Review existing site inspection practices	DPW Superintendent	Determine if existing practices fulfill EPA requirements	During Permit Year 2, the town's existing erosion/sedimentation control and drainage submittal requirements, as well as their site inspection practices were reviewed.	No activities are planned for Permit Year 6
4b Revised	Develop/modify site inspection program	DPW Superintendent	Make recommendations for modifying existing program	During Permit Year 2 & 3, the town's erosion/sedimentation control and drainage submittal requirements, as well as their site inspection practices were reviewed. The stormwater bylaw was presented and turned down at town meeting. The BOH modified and adopted stormwater regulations on 3/23/09	No activities are planned for Permit Year 6
4c Revised	Review existing bylaws and regulations	DPW Superintendent BOH Chair	Determine if existing bylaws and regs fulfill EPA requirements	During Permit Years 2 & 3, existing applicable bylaws were reviewed to determine if they met EPA requirements for construction site runoff control. The stormwater bylaw was presented and turned down at town meeting. The BOH modified and adopted stormwater regulations on 3/23/09	No activities are planned for Permit Year 6
4d Revised	Develop/modify bylaw for construction site runoff	DPW Superintendent BOH Chair	Propose recommendations for modifying/developing bylaw	A draft construction site runoff bylaw was developed as part of the stormwater bylaw in Permit Year 3. The stormwater bylaw was presented and turned down at town meeting. The BOH modified and adopted stormwater regulations on 3/23/09	No activities are planned for Permit Year 6
4e Revised	Present bylaw for town meeting action	DPW Superintendent BOH Chair	Make presentations for town meeting action	The stormwater bylaw was presented and turned down at town meeting. The BOH modified and adopted stormwater regulations on 3/23/09	No activities are planned for Permit Year 6

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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
5a Revised	Review existing site inspection practices	DPW Superintendent	Determine if existing practices fulfill EPA requirements	During Permit Year 2, the town's existing site inspection and maintenance practices were reviewed to determine whether the existing site inspection and maintenance practices complied with EPA's requirements.	No activities are planned for Permit Year 6
5b Revised	Develop/modify inspection and maintenance practices	DPW Superintendent	Make recommendations for modifying existing practices	During Permit Year 2, existing site inspection and maintenance practices were reviewed. Recommended changes were incorporated into the proposed bylaw and subsequent BOH regulations adopted on 3/23/09	No activities are planned for Permit Year 6
5c Revised	Review existing bylaws and regulations	DPW Superintendent BOH Chair	Determine if existing bylaws and regs fulfill EPA requirements	During Permit Year 2, regulations regarding the control of post-construction stormwater runoff were reviewed. Recommended changes were incorporated into the proposed bylaw and subsequent BOH regulations adopted on 3/23/09	No activities are planned for Permit Year 6
5d Revised	Develop/modify bylaws for post-construction site runoff	DPW Superintendent BOH Chair	Propose recommendations for modifying/developing bylaw	A post-construction site runoff portion of the stormwater bylaw was drafted. The bylaw was turned down at town meeting and subsequently passed as a BOH regulation on 3/23/09	No activities are planned for Permit Year 6
5e Revised	Present bylaw for town meeting action	DPW Superintendent BOH Chair	Make presentations for town meeting action	The bylaw was turned down at town meeting and subsequently passed as a BOH regulation on 3/23/09	No activities are planned for Permit Year 6
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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
6a Revised	Street sweeping program	DPW	Sweep all streets up to twice per year	The DPW swept all streets up to twice during Permit Year 5	The DPW will sweep all streets up to twice in Permit Year 6
6b Revised	Catch basin cleaning program	DPW	Clean all catch basins at least once each year	The DPW cleaned all catch basins during Permit Year 5	The DPW will clean all catch basins during Permit Year 6
6c Revised	Perform site visits to examine existing practices at town facilities	DPW Superintendent	Target all applicable municipal facilities	The town performed site visits to examine existing practices at municipal facilities.	The town will continue periodic inspections of municipal facilities during Permit Year 6
6d Revised	Train municipal employees at each town facility	DPW Superintendent	Target all applicable municipal facilities	The town trained employees at all applicable municipal facilities.	Training of employees will continue in Permit Year 6
6e Revised	Perform follow-ups to ensure required practices are met	DPW Superintendent	Target all applicable municipal facilities	Annual follow-ups were performed at municipal facilities to ensure that employees working at these facilities are following the required stormwater management practices, and that new employees are receiving the required training	Follow-ups will continue in Permit Year 6.
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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
Revised					
Revised					
Revised					
Revised					
Revised					
Revised					
Revised					

7a. Additions

7b. WLA Assessment

Part IV. Summary of Information Collected and Analyzed

Fifteen outfalls were sampled during wet weather events during Permit Year 2. The outfall sampling results were evaluated and three locations for structural improvements were identified and prioritized. One was constructed during Permit Year 5. Funding is being sought for construction of another identified area.

Part V. Program Outputs & Accomplishments (OPTIONAL)

(Since beginning of permit coverage unless specified otherwise by a **, which indicates response is for period covering April 1, 2006 through March 31, 2007)

Programmatic

	(Preferred Units)	Response
Stormwater management position created/staffed	(y/n)	N
Annual program budget/expenditures **	(\$)	\$0
Total program expenditures since beginning of permit coverage	(\$)	\$193,000
Funding mechanism(s) (General Fund, Enterprise, Utility, etc)		Capital Improvements

Education, Involvement, and Training

Estimated number of property owners reached by education program(s)	(# or %)	10%
Stormwater management committee established	(y/n)	Yes
Stream teams established or supported	(# or y/n)	N
Shoreline clean-up participation or quantity of shoreline miles cleaned **	(y/n or mi.)	Y
Shoreline cleaned since beginning of permit coverage	(mi.)	
Household Hazardous Waste Collection Days		
<ul style="list-style-type: none"> ▪ days sponsored ** ▪ community participation ** ▪ material collected ** 	(#) (# or %) (tons or gal)	1 10% Y
School curricula implemented	(y/n)	Y

--	--

Legal/Regulatory

	In Place Prior to Phase II	Reviewing Existing Authorities	Drafted	Draft in Review	Adopted
Regulatory Mechanism Status (indicate with "X")					
▪ Illicit Discharge Detection & Elimination					X
▪ Erosion & Sediment Control					X
▪ Post-Development Stormwater Management					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

	(Preferred Units)	Response
Outfall mapping complete	(%)	100%
Estimated or actual number of outfalls	(#)	200
System-Wide mapping complete (complete storm sewer infrastructure)	(%)	100%
Mapping method(s)		
▪ Paper/Mylar	(%)	20%
▪ CADD	(%)	0%
▪ GIS	(%)	80%
Outfalls inspected/screened **	(# or %)	100%
Outfalls inspected/screened (Since beginning of permit coverage)	(# or %)	70%
Illicit discharges identified **	(#)	2
Illicit discharges identified (Since beginning of permit coverage)	(#)	2
Illicit connections removed **	(#); and (est. gpd)	2
Illicit connections removed (Since beginning of permit coverage)	(#); and (est. gpd)	2

% of population on sewer	(%)	0
% of population on septic systems	(%)	100

Construction

	(Preferred Units)	Response
Number of construction starts (>1-acre) **	(#)	0
Estimated percentage of construction starts adequately regulated for erosion and sediment control **	(%)	0
Site inspections completed **	(# or %)	0
Tickets/Stop work orders issued **	(# or %)	0
Fines collected **	(# and \$)	0
Complaints/concerns received from public **	(#)	1 ongoing towards resolution

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	100
Site inspections (for proper BMP installation & operation) completed **	(# or %)	100
BMP maintenance required through covenants, escrow, deed restrictions, etc.	(y/n)	
Low-impact development (LID) practices permitted and encouraged	(y/n)	

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets) **	(times/yr)	1
Average frequency of catch basin cleaning (commercial/arterial or other critical streets) **	(times/yr)	1
Qty of structures cleaned **	(#)	
Qty. of storm drain cleaned **	(%, LF or mi.)	0

Qty. of screenings/debris removed from storm sewer infrastructure **	(lbs. or tons)	500#
Disposal or use of screenings (landfill, POTW, compost, beneficial use, etc.) **	(location)	compost