Received
4-30-2008

Municipality/Organization:	**Town of Dighton, MA**
EPA NPDES Permit Number:	**MAR041105**
MassDEP Transmittal Number:	**W-040738**
Annual Report Number & Reporting Period:	**No. 5: April 07-March 08**

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

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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: Thomas J. Pires

Printed Name: Thomas J. Pires

Title: Chairman, Board of Selectmen

Date: 04/28/2008

Part II. Self-Assessment

The Town of Dighton has completed the required self-assessment and has determined 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 5 (Reliance on non-municipal partners indicated, if any)	Completed Activities – Permit Year 5
1-1	Educational Material - Include stormwater information on recycling calendar and air notice on local cable television.	Highway Superintendent	Prepare a notice during Year 3 to be distributed during Years 3 – 5. Update notice and distribute annually.	*Prepared bulk mailing to town residents containing summary of bylaw. Met with principals of elem. and middle schools re stormwater info for curricula.*	*Sent bulk mailing (copy enclosed) to all town residents. Two schools provided info re how they would include stormwater info in their curricula (copies enclosed).*
Revised 2008	*Provide residents with latest info re need for stormwater bylaw*	*Nancy Goulart, Chrmn Bd of Health*	*Town wide bulk mailing, involvement of local schools*		
1-2	Educational Materials – Post stormwater information obtained from EPA website in Town Hall on public kiosks	Highway Department Superintendent and Planning Board	Post information on Stormwater on kiosk in Town Hall during Years 3 – 5.	*Extra copies of bulk mailing available in public info area at town hall.*	*Copies of info re stormwater bylaw available at town hall. Task completed.*
Revised 2008	*Provide stormwater info in public area at town hall*	*Nancy Goulart, Chrmn Bd of Health*	*Print extra copies of mailer for info area at town hall*		

1a. Additions

1-3	Educational Materials – Play stormwater information video on public access cable channel.	Highway Department and Planning Board	Obtain copy of "After the Storm" video and play on local cable access channel at least 4 times during Year 5.	No activities were planned for Year 4.	Obtain and show "After the Storm" video on public access cable channel
Revised 2008	*Work on methods of getting info out to the public re stormwater*	*Nancy Goulart, Chrmn Bd of Health*	*Prepare announcement re special town mtg to act on bylaw on cable TV.*	*Place legal ad in local paper. Provide weekly updates to public and press during selectmen's meeting. Print copies of brochure, "After the Storm" for elem. and middle schools.*	*Legal ad with summary of bylaw was run in local newspaper. Regular updates given at selectmen's weekly meetings. Printed copies of brochure, "After the Storm," in color and black and white for classroom use.*

2. Public Involvement and Participation

BMP ID #	**BMP Description**	**Responsible Dept./Person Name**	**Measurable Goal(s)**	**Progress on Goal(s) – Permit Year 5** (Reliance on non-municipal partners indicated, if any)	**Planned Activities – Permit Year 5**
2-1	Evaluate feasibility of developing Public School Program on stormwater	Highway Supt.	Years 4 – 5, evaluate and implement, if feasible, a school program on stormwater.	Due to limited availability of staff, no progress has been made on the determining the feasibility or development of a school program on stormwater.	Highway Department staff will obtain video "After the Storm" and work with School to implement a program on stormwater.
Revised 2008	*Meet with principals of Dighton Elem. and Middle schools to discuss stormwater curricula.*	*Nancy Goulart, Chrmn Bd of Health*	*Year 5, work with school principals re school program on stormwater including providing school with copies of "After the Storm" brochures.*	*Meeting was held and the two principals* agreed to work with town to meet this goal.* **Ann Marie McMahon, Dighton Elem.* **Michael Cichon, Dighton Middle*	*Curricula work completed (info enclosed from the two schools). If weather permits, students will actually witness storm drain cleaning as arranged with Highway Supt.*

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 5 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
3-1	Map outfalls and receiving waters	Highway Department	During Year 1, map outfalls and identify receiving waters	Highway Department Staff completed paper mapping of outfalls.	The Town will update their outfall mapping information to identify receiving waters. If staff time allows, information on outfalls will be transferred from paper mapping to electronic mapping using GIS information available through the Town's Assessor.
Revised 2008		*Highway Superintendent*	*During year 4, map outfalls and identify receiving waters.*		*Review/update outfall maps. Completed for submission to EPA.*
3-2	Detect and eliminate discharges	Highway Superintendent	Development of program to detect additional illicit discharges will occur during Year 5.	The Town's storm drain system cleaning subcontractor will continued to visually inspect the system for signs of illicit discharges. The Town will develop a more specific program for coordination with bylaw development under BMP 3-4.	During Year 5 the storm drain system cleaning subcontractor will provide documentation regarding illicit discharge detection.
3-3	Conduct Illicit Discharge Education Program	Highway Superintendent	Included in Minimum Control Measures 1, 2 and 6.	See Minimum Control Measures 1, 2 and 6.	See Minimum Control Measures 1, 2 and 6.
3-4	Develop Bylaw to prohibit illegal dumping of non-stormwater into the MS4.	Highway Superintendent	Develop bylaw and submit to Town Meeting for approval in Year 5.	Due to limited availability of Highway Department Staff, no progress has been made on the development of the bylaw.	The Town will work on the development and implementation of a Bylaw during Year 5.
Revised 2008		*Nancy Goulart, Chrmn Bd of Health*		*Stormwater bylaw drafted. Held public meeting.*	*Bylaw approved by town meeting and Atty. General.*

3-5	Enforce Bylaw – Develop regulations or policies to enforce the bylaw in BMP 3-4.	Highway Superintendent	Draft regulations and policies will be prepared & implemented by end of Year 5.	Due to limited availability of Highway Department Staff, and delay in development of bylaw in BMP 3-4, no progress has been made on this BMP.	The Bylaw will be developed and implemented during Year 5. Regulations supporting the Bylaw will be implemented once it is passes at the Fall 2007 Town Meeting vote.
Revised 2008		*Nancy Goulart, Chrmn Bd of Health*		*Regulations drafted and reviewed by Planning Board, Conservation Commission, Zoning Board, Selectmen, town counsel and other appropriate town officials.*	*The Stormwater Regulations were approved (copy enclosed).*

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 5 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
4-1	Revise Site Plan Review section of Zoning Bylaw	Planning Board	Draft revisions to the Site Plan Review section of the Zoning Bylaw and submission to Town meeting for approval will occur during Year 5.	Due to staffing limitations, no progress has occurred on this BMP.	Revisions will be drafted in Year 5 and submitted to Town Meeting for approval at the Fall 2007 Special Town Meeting.
Revised 2008		*Zoning Board*	*Reviewed site plan.*	*Zoning board assisted with review of Stormwater Bylaw and regulations.*	*Zoning Board will handle permitting for any 40B developments as may be required.*
4-2	Review procedures for receipt and consideration of information submitted by the public.	Planning Board	Review of existing procedures will occur in Year 5 and if revisions are deemed necessary, will be drafted and adopted in Year 5.	Due to staffing limitations, no progress has occurred on this BMP.	Planning Board will review procedures and draft revisions as necessary during Year 5.
Revised 2008				*Planning Board reviews procedures on a regular basis.*	
4-3	Revise Site Inspection and Enforcement Control Measures Program	Planning Board	Program will be evaluated and if necessary modified by the end of Year 5.	Due to staffing limitations, no progress has occurred on this BMP.	Program will be evaluated and modified as necessary during Year 5.
Revised 2008				*Planning Board reviews control measures on a regular basis.*	

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 5 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
5-1	Modify Zoning Bylaw to meet requirements for post-development runoff control	Planning Board	Revisions to the Site Plan Review section of the Zoning Bylaw will drafted and submitted to Town meeting for approval during Year 5.	Due to staffing limitations, no progress has occurred on this BMP.	Revisions will be drafted in Year 5 and submitted to Town Meeting for approval at the Fall 2007 Special Town Meeting.
Revised 2008	*No need to modify Zoning Bylaw*		*Stormwater Bylaw and Regulations will be used in conjunction with Zoning Bylaw.*	*During work on Stormwater Bylaw and Regulations, it was noted that existing similarities with other town bylaws exist.*	*No need to revise site plan.*
5-2	Revise Subdivision Rules and Regulations	Planning Board	Review and modifications to the Subdivision Rules and Regulations will be prepared during Year 5. A public meeting will be held to solicit input and final modifications presented to Board for a vote by the end of Year 5.	Due to staffing limitations, no progress has occurred on this BMP.	Modifications to the Subdivision Rules and Regulations will be prepared, public comment will be solicited and final modifications presented to the Board for a vote during Year 5.
Revised 2008				*Subdivision Rules and Regulations were reviewed.*	*No need to revise Subdivision Rules and Regulations.*
5-3.1	Ensure Adequate Long-term O & M of BMPs	Highway Department	Evaluate Highway Dept. stormwater plan review procedure during Year 5. If necessary, changes will be drafted, input will be solicited from other departments and final procedure will be adopted during Year 5. In addition, list of preferred structural BMPs will be developed in Year 5.	Due to staffing limitations, no progress has occurred on this BMP.	Highway Department will review current stormwater plan review procedures and modify if necessary. Department will develop a list that identifies preferred structural BMPS for use by the Planning Board.
Revised 2008		*Highway Superintendent*		*Highway Supt. participated in formulation of BMPs and reviewed Stormwater Bylaw and Regulations.*	*Planning Board reviewed Stormwater Bylaw and Regulations and provided input in various steps along the way to final approval.*

5-3.2	Ensure Adequate Long-term O & M of BMPs	Planning Board	Review and modifications to the Subdivision Rules and Regulations will be prepared during Year 5. A public meeting will be held to solicit input and final modifications presented to Board for a vote by the end of Year 5.	Due to staffing limitations, no progress has occurred on this BMP. - *Planning Board participated when Stormwater Bylaw and Regulations were formulated.*	Modifications to the Subdivision Rules and Regulations will be prepared, public comment will be solicited and final modifications presented to the Board for a vote during Year 5. - *Review and modifications are part of an ongoing process.*
Revised 2008					
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 5 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
6-1	Educate Municipal Employees	Highway Superintendent	Training program will be developed during Year 1 and training sessions will be held on an annual basis beginning in Year 2. Goal will be for 90% of municipal employees with responsibility for stormwater management. to attend at least one training session over five-year permit period.	Town has implemented training program on stormwater management, including methods for spotting problems, illicit discharges or suspicious storm drain discharges.	Town will continue to implement training program.
Revised 2008					*Town will keep employees updated on latest methods and requirements.*
6-2	Develop & Implement plan to prevent and reduce pollutant runoff from municipal operations.	Highway Superintendent	The Municipal Operations Stormwater Plan (MOSP) will be adopted by the end of Year 3.	Town worked toward development of MOSP.	Town continues to work toward finalizing and adopting MOSP.
Revised				*Town developed limited MOSP.*	*Town will continue to expand MOSP.*
6-3	Catch Basin Cleaning	Highway Superintendent	Clean and inspect all catch basins annually.	Through the use of a subcontractor, all catch basins were cleaned during Year 5.	Annual catch basin cleaning will continue.
Revised 2008					

6a. Additions

6-4	Street Sweeping	Highway Department	Perform sweeping on all Town Roads annually.	Street Sweeping was conducted on all streets during Year 5.	Annual street sweeping of all town roadways will continue.

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) *<<if applicable>> N/A*

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					

7a. Additions

7b. WLA Assessment

Part IV. Summary of Information Collected and Analyzed

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, 2007 through March 31, 2008)

Programmatic

	(Preferred Units)	Response
Stormwater management position created/staffed	(y/n)	N
Annual program budget/expenditures **	($)	$17,567
Total program expenditures since beginning of permit coverage	($)	$29,567
Funding mechanism(s) (General Fund, Enterprise, Utility, etc)		General Fund

Education, Involvement, and Training

Estimated number of property owners reached by education program(s)	(# or %)	100%
Stormwater management committee established	(y/n)	N
Stream teams established or supported	(# or y/n)	N
Shoreline clean-up participation or quantity of shoreline miles cleaned **	(y/n or mi.)	N
Shoreline cleaned since beginning of permit coverage	(mi.)	N
Household Hazardous Waste Collection Days		
▪ days sponsored **	(#)	N
▪ community participation **	(# or %)	N
▪ material collected **	(tons or gal)	N
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	(#)	27
System-Wide mapping complete (complete storm sewer infrastructure)	(%)	100
Mapping method(s)		
▪ Paper/Mylar	(%)	100
▪ CADD	(%)	0
▪ GIS	(%)	0
Outfalls inspected/screened **	(# or %)	100
Outfalls inspected/screened (Since beginning of permit coverage)	(# or %)	100
Illicit discharges identified **	(#)	0
Illicit discharges identified (Since beginning of permit coverage)	(#)	0
Illicit connections removed **	(#); and (est. gpd)	0
Illicit connections removed (Since beginning of permit coverage)	(#); and (est. gpd)	0
% of population on sewer	(%)	20% (townwide)
% of population on septic systems	(%)	80% (townwide)

Construction

	(Preferred Units)	Response
Number of construction starts (>1-acre) **	(#)	1
Estimated percentage of construction starts adequately regulated for erosion and sediment control **	(%)	100
Site inspections completed **	(# or %)	100
Tickets/Stop work orders issued **	(# or %)	0
Fines collected **	(# and $)	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 (for proper BMP installation & operation) completed **	(# or %)	100
BMP maintenance required through covenants, escrow, deed restrictions, etc.	(y/n)	Y
Low-impact development (LID) practices permitted and encouraged	(y/n)	Y

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 **	(#)	Est. 1,500
Qty. of storm drain cleaned **	(%, LF or mi.)	100%
Qty. of screenings/debris removed from storm sewer infrastructure **	(lbs. or tons)	Est. 60 tons
Disposal or use of screenings (landfill, POTW, compost, beneficial use, etc.) **	(location)	Landfill Compost

Basin Cleaning Costs		
• Annual budget/expenditure (labor & equipment)**	($)	$3,312
• Hourly or per basin contract rate **	($/hr or $ per basin)	$23/hr.
• Disposal cost**	($)	0
Cleaning Equipment		
• Clam shell truck(s) owned/leased	(#)	1
• Vacuum truck(s) owned/leased	(#)	0
• Vacuum trucks specified in contracts	(y/n)	N
• % Structures cleaned with clam shells **	(%)	100
• % Structures cleaned with vactor **	(%)	0

	(Preferred Units)	Response
Average frequency of street sweeping (non-commercial/non-arterial streets) **	(times/yr)	1
Average frequency of street sweeping (commercial/arterial or other critical streets) **	(times/yr)	1
Qty. of sand/debris collected by sweeping **	(lbs. or tons)	Est. 100 tons
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.) **	(location)	Landfill Compost
Annual Sweeping Costs		
• Annual budget/expenditure (labor & equipment)**	($)	$18,000
• Hourly or lane mile contract rate **	($/hr. or ln mi.)	$45/hr.
• Disposal cost**	($)	0
Sweeping Equipment		
• Rotary brush street sweepers owned/leased	(#)	1
• Vacuum street sweepers owned/leased	(#)	0
• Vacuum street sweepers specified in contracts	(y/n)	0
• % Roads swept with rotary brush sweepers **	%	100
• % Roads swept with vacuum sweepers **	%	0

Reduction (since beginning of permit coverage) in application on public land of: ("N/A" = never used; "100%" = elimination)		
▪ Fertilizers	(lbs. or %)	Never used
▪ Herbicides	(lbs. or %)	Never used
▪ Pesticides	(lbs. or %)	Never used
Integrated Pest Management (IPM) Practices Implemented	(y/n)	Y

	(Preferred Units)	Response
Average Ratio of Anti-/De-Icing products used ** (also identify chemicals and ratios used in specific areas, e.g., water supply protection areas)	% NaCl % $CaCl_2$ % $MgCl_2$ % CMA % Kac % KCl % Sand	15% 85%
Pre-wetting techniques utilized **	(y/n or %)	N
Manual control spreaders used **	(y/n or %)	Y
Zero-velocity spreaders used **	(y/n or %)	N
Estimated net reduction or increase in typical year salt/chemical application rate	(±lbs/ln mi. or %)	No change
Estimated net reduction or increase in typical year sand application rate **	(±lbs/ln mi. or %)	No change
% of salt/chemical pile(s) covered in storage shed(s)	(%)	100
Storage shed(s) in design or under construction	(y/n or #)	N

100%of salt/chemical pile(s) covered in storage shed(s) by May 2008	(y/n)	Y
Water Supply Protection Storm water outfalls to public water supplies eliminated or relocated	# or y/n	N
Installed or planned treatment BMPs for public drinking water supplies and their protection areas	# or y/n	N
• Treatment units induce infiltration within 500-feet of a wellhead protection area	# or y/n	N