Municipality/Organization: **Barnstable DPW**

EPA NPDES Permit Number: **MAR 041090**

MaDEP Transmittal Number: **W-**

Annual Report Number & Reporting Period: **No. 1: March 03-March 04**

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: John Jacobson

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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:

Printed Name: John C. Klimm

Title: Town Manager

Date:

Part II. Self-Assessment

The Town of Barnstable has begun to implement its Stormwater Management Program as described in the NOI dated July 28, 2003. The attached Summary of Minimum Control Measures describes steps taken to date.

However, the Town of Barnstable has been addressing Stormwater issues for many years. Some of the projects that have been ongoing for many years include street sweeping, catch basin cleaning, illegal discharge location, water quality monitoring, outfall mapping, coastal discharge mitigation, shellfish sanitary surveys, the Massachusetts Estuary Project (MEP) and the Nutrient Management Program.

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
2-1	Stormwater Management Committee	DPW	Establish Committee	Stormwater Management Committee has not yet been established. However, the Nutrient Management Committee has been meeting bi-monthly for more than 3 years discussing WQ issues that include stormwater.	The Nutrient Management Committee will continue to meet and a Nutrient Management Citizens Advisory Committee will be established. The need for a separate Stormwater Management Committee will be evaluated.
Revised					
2-2	Citizen Participation	DPW/PHD	Document Public Involvement	Citizen volunteers have participated in the Town MEP water quality sampling program for the last three summers. Citizens have installed storm drain markers.	Continue the sampling program, storm drain marker program and establish a Citizen Advisory Committee fot the Nutrient Management Program.
Revised					
2-3	Storm Drain Markers	DPW/PHD	Install Storm Drain Markers	Many storm drain markers have been installed by volunteers.	A Cape Cod storm drain marker was developed by CCC Project Storm Team that will be installed this summer.
Revised					
2-4	Water Quality Monitoring	DPW/PHD	Monitor Ponds and Estuaries	51 WQ monitoring stations sampled 7 times the last 2 summers as part of MEP. Town has participated in DMF Sanitary Surveys. Town participated in Cape-wide pond sampling (PALS).	All 3 programs described will continue.
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 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
3-1	Storm Drain Mapping	DPW/GIS	Map Drains & Outfalls	Most of Hyannis has been mapped.	Complete Hyannis using Americorps or Senior Environmental Corps
Revised					
3-2	Illicit Discharge Identification	DPW/PHD	Document Illicit Connections	Monitoring during DMF Sanitary Surveys has identified presence of illegal discharges.	Continue illicit discharge detection using DMF sanitary Surveys. Consider using Optical Brightener testing to also identify illegal connections.
Revised					
3-3	Illicit Discharge Enforcement	PHD	Correct Illegal Discharges	Some illegal discharges have been corrected as a result of detection during DMF Sanitary Surveys or during Storm Drain upgrades.	Continue detecting illegal discharges
Revised					
3-4	DPW Training	DPW/DPH	Conduct Training	No training for detection of illicit discharges has been held recently but the Town did conduct smoke detector training for DMF in 2002.	Conduct training as needed.
Revised					
3-5	Public Information	DPW/PHD	Provide HazWaste Information	The Town web site and flyers have provide information on Household Hazardous Waste collection days at the Town Transfer Station.	Continue with collections.
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 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
4-1	Conservation Commission Review	ConCom	Complete Review	No review of existing wetland bylaw conducted yet.	Complete review.
Revised					
4-2	Subdivision Regulation Review	Planning Board	Complete Review	No review of existing subdivision regulations and zoning bylaws conducted yet.	Complete review.
Revised					
4-3	Zoning Bylaw Review	DPW/Eng	Complete Review	No review of the Site Plan Review Process conducted yet.	Complete review.
Revised					
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 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
5-1	Conservation Commission Review	ConCom	Complete Review	No review of existing wetland bylaw conducted yet.	Complete Review
Revised					
5-2	Subdivision Regulation Review	Planning Board	Complete Review	No review of existing subdivision regulations and zoning bylaws conducted yet.	Complete Review
Revised					
5-3	Zoning Bylaw Review	DPW/Eng	Complete Review	No review of the Site Plan Review Process conducted yet.	Complete Review
Revised					
Revised					
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 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
6-1	Policy Guide	DPW	Complete Guide	Spill Plan posted at Highway Department	Complete Policy Guide
Revised					
6-2	Training	DPW	Complete Training	Not done yet. Needs Policy Guide.	Complete Policy Guide & conduct training.
Revised					
6-3	Permit Filing	DPW	File ConCom Permit Application as needed	DPW does this now.	Continue to file as needed.
Revised					
6-4	Catch Basin Cleaning	DPW	Clean all public road catch basins every 2 years	Approximately 4000 catch basins are cleaned annually.	Continue to clean catch basins.
Revised					
6-5	Street Sweeping	DPW	Sweep all public roads annually.	All public roads are swept at least once annually with main roads swept more often.	Continue to sweep public roads.
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 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
7-1	Storm Drain Mapping	DPW/GIS	Map Drains & Outfalls	Most of Hyannis has been mapped.	Complete Hyannis using Americorps or Senior Environmental Corps
Revised					
7-2	Illicit Discharge Reduction	DPW/PHD		Monitoring during DMF Sanitary Surveys has identified presence of illegal discharges. Some illegal discharges have been corrected as a result of detection during DMF Sanitary Surveys or during Storm Drain upgrades.	Continue illicit discharge detection using DMF sanitary Surveys. Consider using Optical Brightener testing to also identify illegal connections.
Revised					
7-3	No Discharge Areas (NDA)	PHD	Lewis Bay/Hyannis Harbor NDA received	Increased the pumpout facilities in Lewis Bay/Hyannis Harbor.	Submit Lewis Bay/Hyannis Harbor NDA. Start work on Barnstable Harbor NDA.
Revised					
7-4	Mass Estuaries Project (MEP)	DPW	Complete MEP	Popponesset Bay Report complete.	Complete Three Bays Report.
Revised					
Revised					
Revised					

7a. Additions