

Town of Lakeville

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P

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August 23, 2006

AUG 30 2006

U. S. Environmental Protection Agency
Water Technical Unit
Post Office Box 8127
Boston, MA 02114

RE: EPA NPDES Permit #MAR041125
MA DEP Transmittal #W040596

Dear Sir or Madam:

Enclosed please find the Town of Lakeville's NPDES P88 Small MS4 General Permit Annual Report No. 3 for the reporting period March 2005 – March 2006.

If you need any further information, please do not hesitate to contact me.

Sincerely,

Rita A. Garbitt
Town Administrator

Enclosure

Municipality/Organization: TOWN OF LAKEVILLE

EPA NPDES Permit Number: MAR041125

MaDEP Transmittal Number: W040596

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

AUG 30 2006

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Rita Garbitt

Title: Town Administrator

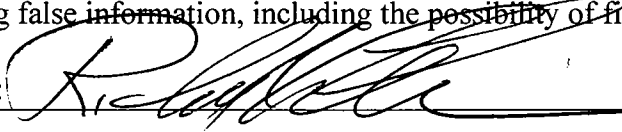
Telephone #: 508-946-8803

Email: rgarbitt@lakevillema.org

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: Richard F. LaCamera

Title: Chairman, Board of Selectmen

Date: August 23, 2006

Part II Self-Assessment

During the third year we have revised our by-laws to address illicit discharges, have conducted regular visits of new construction sites to inspect erosion control and stormwater BMPs and completed the mapping of outfalls. During the fourth year we will stencil the catch basins and continue with efforts of public outreach and involvement and focus on pollution prevention and good housekeeping practices at town owned facilities.

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 Year4
1.1	Prepare Press Releases on Phase II Stormwater Program	Phase II Stormwater Coordinator	Publish basic information in local newspapers.	Issued press release on November 23, 2004	None planned
1.3	Publicize new requirements pursuant to passage of the local by-laws	Stormwater Coordinator		Held public hearings to discuss by-law changes. Advertised warrant articles on May 26, 2005 in local papers	No action on this BMP for this year
1.4	Prepare Phase II Annual Reports	Town Boards	Complete Annual Report in a timely manner	Issue Report	Issue Report
1.5	Encourage recycling of hazardous materials at the transfer station	Highway Department		The Highway Department did distribute recycling information to residents at the transfer station regarding recycling of used motor oil, car batteries, tires, used antifreeze etc.	BMP 1.5 has been completed.
1.6	Contact Long Pond landowners	Water Study Board	Mail informational brochure	Engineering study has completed	Informational meeting to be held in July 2007 to present the results of the study and identify suitable alternatives.
1.7	Water Conservation Practices	Stormwater Coordinator	Develop brochure and distribute to all residents and businesses w/tax bills by Spring 05	Mailed brochures on water conservation practices with FY 05 Real Estate Tax Bills on December 31, 2004.	No further activity planned. Goal has been met.

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
2.1	Establish River Action Focus Team (RAFT)	Open Space Committee	Establish RAFT for Poquoy Brook and Assawompsett Pond/Nemasket River Watersheds	Activity planned for this BMP delayed. Will pursue when time and financial resources permit. (Open ended goal)	Activity planned for this BMP delayed. Will pursue when time and financial resources permit. (Open ended goal)
2.2	Assist Lakeville Historical Commission to name presently unnamed streams	Open Space Committee, Conservation Commission, and Historical Commission	Identify and name at least unnamed 3 streams with perennial flow.	No activity this period	Name a second brook
2.3	Nominate Assonet River Swamp as an ACEC	Open Space Committee	ACEC Status for Assonet Cedar Swamp	Activity planned for this BMP delayed. Will pursue when time and financial resources permit. (Open ended goal)	Activity planned for this BMP delayed. Will pursue when time and financial resources permit. (Open ended goal)
2.4	Organize volunteers for weed control	Water Study Board	Work with State Legislators for funding	Legislation passed, but insufficient funds to purchase barriers. Obtained additional funding from United Way. Barriers will be installed next year	Purchase benthic barriers and receive training from DCR/Lake and Ponds Program to install barrier in spring of 07.
2.5	Conduct hazardous waste collection days	Highway Department	Increase volume of waste collected	No funding available this fiscal year	Will pursue funding in permit year 4
2.6	Catch Basin Stenciling	Highway Department	Coordinate stenciling with Boy Scout Troop with completion by Spring 07	The Stormwater Coordinator contacted the local boy scout troop to stencil catch basins as a troop or Eagle Scout project	Stenciling of catch basins will take place in the Fall of 2007 as Eagle Scout project.

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
3.1	Map outfalls	Highway Department	Outfall Map by Spring of 05	Completed mapping of outfalls.	Task completed

3.2	Draft Illicit Discharge By-law	Highway Department, Planning Board, Stormwater Coordinator	Prepare by-law for submission to 2006 Annual Town Meeting	Finalize by-law and submitted to 2006 Town meeting. Passed	Task completed
3.3	Enact and implement Illicit Discharge By-law	Town Meeting, Planning Board, Highway Department	By-law is passed by Town Meeting on Spring 2006	Work to have by-law passed at 2006 Town meeting	By-law passed by Town meeting on May 8, 2006
3.4	Develop and Implement system to identify and eliminate illicit discharges	Highway Department, Stormwater Coordinator	Develop system of the appropriated cost and size	No activity planned for this BMP in Permit Year 3.	No activity planned for this BMP in Permit Year 4.
3.5	Establish illicit discharge hotline	Highway Department	Establish hotline	No activity planned for this BMP in Permit Year 3.	Establish hotline once by-law is passed.
3.6	Survey mapped outfalls for illicit discharges	Highway Department	Complete survey by Spring 07 and have discharges removed by Spring 09	No activity planned for this BMP in Permit Year 3.	Evaluate suspect illicit discharges. Analyze discharge water as needed.

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
4.1	Draft Construction Site Runoff Control By-law	Highway Department, Planning Board, Stormwater Coordinator	Prepare by-law for submission to 2005 Annual Town Meeting	Tasked completed	BMP 4.1 completed. No further action required.
4.2	Enact Construction Site Runoff Control By-law	Town Meeting	By-law is passed by Town meeting	By-law passed at Town meeting	BMP 4.2 completed. No further action required
4.3	Implement Construction Site Runoff Control By-Law	Planning Board, Conservation Commission	Revise by-law, and Conservation Commission and Planning Board's Rules & Regulations	Revise Planning Board's Rules and Regulations to require the submission a SWPPP as part of a Definitive Subdivision Plan submission.	No activity in this year
4.4	Conduct Inspections for Erosion Control	Conservation Commission	Implement a site inspection program by Spring 07	Conservation Commission agent inspects active construction sites for compliance with SWPPP and Erosion and Sediment Control Plans	Continue Task this year

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
5.1	Draft Post-Construction Site Runoff Control By-law	Highway Department, Planning Board, Stormwater Coordinator	Prepare by-law for submission to 2005 Annual Town Meeting	BMP 5.1 completed No further activity planned	BMP 5.1 completed
5.2	Enact Post - Construction Site Runoff Control By-law	Town Meeting	By-law is passed by Town meeting	By-law enacted	BMP 5.2 completed. No further action required.
5.3	Develop and Implement Post- Construction Site Runoff Control By-Law	Planning Board, Conservation Commission	Revise by-law, and Conservation Commission and Planning Board's Rules & Regulations	Planning Board conducts site plan review. Conservation Commission agent conducts site inspections to verify that stormwater BMPs have been constructed as approved	Continue same as in Year 3

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
6.1	Review stormwater management at town facilities for compliance with bylaw and stormwater management goals		Conduct review and issue report with recommendations to address deficiencies by Spring 06	During Permit Year 3 stormwater management practices at the DPW facility, Town Library, Town Hall, Council for Aging and recycling center were reviewed for compliance with bylaw and stormwater management goals.	During Year 4, recommendations to correct deficiencies and improve stormwater management practices will be developed
6.2	Develop SWPPP for Highway Department facility	Highway Department	Develop SWPP Plan	No activity for this BMP in Permit Year 3.	A SWPPP will be developed during this permit year.
6.3	Employee Training	Highway Department	Develop biannual training program	Delay until Years 3 and 4.	Develop training program
6.4	O&M Program for town-owned Structural Stormwater BMP	Highway Department	Implement O&M program by Spring 07	No activity planned for this BMP in Permit Year 3.	Develop O&M Program for town owned structural BMPs.

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

NOT APPLICABLE FOR TOWN OF LAKEVILLE

Part IV. Summary of Information Collected and Analyzed

Part V. Program Outputs & Accomplishments (OPTIONAL)

Programmatic

Stormwater management position created/staffed	(y/n)	
Annual program budget/expenditures	(\$)	

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	(# or %)	
Stormwater management committee established	(y/n)	
Stream teams established or supported	(# or y/n)	
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.)	
Household Hazardous Waste Collection Days		
▪ days sponsored	(#)	
▪ community participation	(%)	
▪ material collected	(tons or gal)	
School curricula implemented	(y/n)	

Legal/Regulatory

In Place
Prior to Under

	Phase II	Review	Drafted	Adopted
Regulatory Mechanism Status (indicate with "X")				
▪ Illicit Discharge Detection & Elimination				
▪ Erosion & Sediment Control				
▪ Post-Development Stormwater Management				
Accompanying Regulation Status (indicate with "X")				
▪ Illicit Discharge Detection & Elimination				
▪ Erosion & Sediment Control				
▪ Post-Development Stormwater Management				

Mapping and Illicit Discharges

Outfall mapping complete	(%)	
Estimated or actual number of outfalls	(#)	
System-Wide mapping complete	(%)	
Mapping method(s)		
▪ Paper/Mylar	(%)	
▪ CADD	(%)	
▪ GIS	(%)	
Outfalls inspected/screened	(# or %)	
Illicit discharges identified	(#)	
Illicit connections removed	(#) (est. gpd)	
% of population on sewer	(%)	
% of population on septic systems	(%)	

Construction

Number of construction starts (>1-acre)	(#)	
Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%)	
Site inspections completed	(# or %)	
Tickets/Stop work orders issued	(# or %)	

Fines collected	(# and \$)	
Complaints/concerns received from public	(#)	

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	
Site inspections completed	(# or %)	
Estimated volume of stormwater recharged	(gpy)	

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr)	
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	
Total number of structures cleaned	(#)	
Storm drain cleaned	(LF or mi.)	
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		
Cost of screenings disposal	(\$)	

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	
Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	
Qty. of sand/debris collected by sweeping	(lbs. or tons)	
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	
Cost of sweepings disposal	(\$)	
Vacuum street sweepers purchased/leased	(#)	
Vacuum street sweepers specified in contracts	(y/n)	

Reduction in application on public land of: (“N/A” = never used; “100%” = elimination)

▪ Fertilizers	(lbs. or %)	
▪ Herbicides	(lbs. or %)	
▪ Pesticides	(lbs. or %)	

Anti-/De-Icing products and ratios	% NaCl % CaCl ₂ % MgCl ₂ % CMA % Kac % KCl % Sand	
Pre-wetting techniques utilized	(y/n)	
Manual control spreaders used	(y/n)	
Automatic or Zero-velocity spreaders used	(y/n)	
Estimated net reduction in typical year salt application	(lbs. or %)	
Salt pile(s) covered in storage shed(s)	(y/n)	
Storage shed(s) in design or under construction	(y/n)	