

Municipality/Organization: TOWN OF LAKEVILLE
EPA NPDES Permit Number: MAR041125
MaDEP Transmittal Number: W040596
**Annual Report Number
& Reporting Period:** No. 15: March 2018

NPDES PII Small MS4 General Permit Annual Report

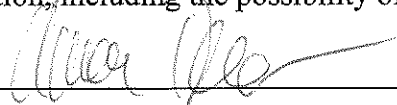
Part I. General Information

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: Aaron Burke

Title: Chairman, Board of Selectmen

Date: April 4, 2018

Part II Self-Assessment

The Town has substantially completed Tasks 1, 2, 4 and 5. Task 6 needs to be addressed, but has not been due to lack of financial resources. Over the last three (3) years, state aid has been reduced and like all Massachusetts municipalities, we have had to deal with reductions in staff and operating budgets. It has not only become more difficult to oversee the implementation of the plan, we have lost our funding for our outside consultant.

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 13 (Reliance on non-municipal partners indicated, if any)	Status/Future Activities
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. BMP Completed
1.3	Publicize new requirements pursuant to passage of the local by-laws	Stormwater Coordinator		BMP complete. No action on this BMP for this year	None. BMP Completed
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/ Transfer Station		Transfer Station employees encourage residents to recycle hazardous materials in face to face manner. We let residents know where these can be recycled. 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.	None. BMP Completed
1.6	Contact Long Pond landowners	Water Study Board	Mail informational brochure	Informational meeting held in July 2007 to present the results of the study and identify suitable alternatives. Preferred solution was to connect to New Bedford sewer line.	Lakeville's Sewer Construction Project was on the State Revolving Fund Loan Priority List for several years, but Town Meeting denied the borrowing request every year. There are no plans to move forward with the project.

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.	None. BMP Completed
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2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Status/Future Activities
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.	Research is on-going	Name a second brook
2.3	Nominate Assonet Cedar Swamp as an ACEC	Open Space Committee	ACEC Status for Assonet Cedar Swamp	Activity planned for this BMP delayed. Open Space Committee has been working with Mass Audubon, and they will pursue when time and financial resources permit. (Open ended goal)	Activity planned for this BMP delayed. Open Space Committee will continue working with Mass Audubon, and they 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	Purchased benthic barriers and received training from DCR/Lake and Ponds Program. Installed barrier in spring of 07	None. BMP Completed.
2.5	Conduct hazardous waste collection days	Highway Department	Increase volume of waste collected	The Town held a free Hazardous Waste Disposal Day for residents on October 28, 2017.	Another free Hazardous Waste Disposal Day is scheduled for November 10, 2018.
2.6	Catch Basin Stenciling	Highway Department	Coordinate stenciling with Boy Scout Troop with completion by Spring 07	Stenciling of catch basins took place in the Fall of 2006 as Eagle Scout project.	None. BMP Completed

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Status/Future Activities
3.1	Map outfalls	Highway Department	Outfall Map by Spring of 05	Completed mapping of outfalls.	None. BMP 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	None. BMP 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	By-law passed by Town meeting on May 8, 2006	None. BMP Completed
3.4	Develop and Implement system to identify and eliminate illicit discharges	Highway Department, Stormwater Coordinator	Develop system of the appropriated cost and size	In 2014, Lakeville joined the Southeastern Massachusetts Stormwater Collaborative as part of a state funded stormwater grant. Part of this grant was to develop and implement a stormwater website for collaborating towns to use to help train residents and businesses regarding illicit discharges. http://www.semastormwater.org/home/pages/residents-and-small-businesses Based on citizen complaints and observations by Town officials, the DPW compiled a list of illicit discharges and the identified discharges were addressed.	None. BMP Completed
3.5	Establish illicit discharge hotline	Highway Department	Establish hotline	Sent out notice with 12/07 tax bill explaining the illicit discharge by-law and the establishment of a hotline and its purpose.	None BMP completed
3.6	Survey mapped outfalls for illicit discharges	Highway Department	Complete survey by Spring 07 and have discharges removed by Spring 2018.	No activity planned for this BMP in Permit Year 15 as funding is not available for this activity.	Will continue to pursue funding.

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Status/Future Activities
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	BMP 4.1 completed. No further action required.	None. BMP Completed
4.2	Enact Construction Site Runoff Control By-law	Town Meeting	By-law is passed by Town meeting	BMP 4.2 completed. No further action required	None. BMP Completed
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	BMP 4.3 completed. No further action required	None. BMP Completed
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	This is an on-going activity that will continue to take place 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 13 (Reliance on non-municipal partners indicated, if any)	Status/Future Activities
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 14

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 13 (Reliance on non-municipal partners indicated, if any)	Status/Future Activities
6.1	Review stormwater management at town facilities for compliance with bylaw and stormwater management goals	Highway Dept./All Departments	Conduct review and issue report with recommendations to address deficiencies by Spring 06	Reviews and recommendations to correct deficiencies and improve stormwater management practices did not take place this past permit year, but will for year 15.	No progress made on this BMP in year 14.
6.2	Develop SWPPP for Highway Department facility	Highway Department	Develop SWPP Plan	No activity for this BMP in Permit Year 14. Highway Department has continually requested capital funding for this project, but without success.	A SWPPP will need to be developed in conjunction with the new MS4 permit.
6.3	Employee Training	Highway Department	Develop biannual training program	Lakeville recently joined SERSG (Southeastern Regional Services Group) and is also now part of the Southeastern Massachusetts Stormwater Collaborative, which developed training for highway employees. However, this was a one time training. For future training, the BMP will continue to be delayed due to lack of funding.	Develop training program.
6.4	O&M Program for town-owned Structural Stormwater BMP	Highway Department	Implement O&M program by Spring 07	Lack of funding to put together an O&M program for town owned BMP's has caused this to be delayed.	Implement O&M Plans at Town owned facilities

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)	No
Annual program budget/expenditures	(\$)	0.00

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	(# or %)	Unknown. Website established to help educate residents and businesses. Continue to use website as resource. http://www.semastormwater.org/home/pages/residents-and-small-businesses
Stormwater management committee established	(y/n)	No
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	(#)	1
▪ community participation	(%)	5%
▪ material collected	(tons or gal)	3,043.75 gallons
School curricula implemented	(y/n)	No

Legal/Regulatory

	In Place Prior to Phase II	Under 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	(%)	99% (May 2014)-New developments
Estimated or actual number of outfalls	(#)	205
System-Wide mapping complete	(%)	99%
Mapping method(s)		
▪ Paper/Mylar	(%)	100%
▪ CADD	(%)	
▪ GIS	(%)	100%
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	(#)	
<i>Highway Department designed and installed stormwater system (catch basins, infiltration chambers) to solve drainage issue at local town owned park driveway.</i>		

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)	1/yr
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	1/yr
Total number of structures cleaned	(#)	1300
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)	1/yr
Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	1/yr
Qty. of sand/debris collected by sweeping	(lbs. or tons)	

Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	Highway applying for BUD. Have not gotten response from MassDEP
Cost of sweepings disposal	(\$)	N/A
Vacuum street sweepers purchased/leased	(#)	N/A
Vacuum street sweepers specified in contracts	(y/n)	N/A

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	50% 50%
Pre-wetting techniques utilized	(y/n)	Yes
Manual control spreaders used	(y/n)	Yes
Automatic or Zero-velocity spreaders used	(y/n)	No
Estimated net reduction in typical year salt application	(lbs. or %)	
Salt pile(s) covered in storage shed(s)	(y/n)	Yes
Storage shed(s) in design or under construction	(y/n)	No