

Municipality/Organization: TOWN OF LAKEVILLE

EPA NPDES Permit Number: MAR041125

MaDEP Transmittal Number: W040596

Annual Report Number  
& Reporting Period: No. 11: March 2014

## NPDES PII Small MS4 General Permit Annual Report

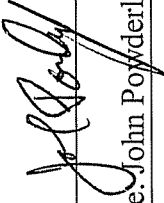
### Part I. General Information

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: John Powderly

Title: Chairman, Board of Selectmen

Date: April 18, 2014

### 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 11<br>(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              |                                                                                          | 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 is on the State Revolving Fund Loan Priority List, but Town Meeting has denied the borrowing request every year. |
| 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                                                                                                                                     |

## 2. Public Involvement and Participation

| BMP ID # | BMP Description                                                          | Responsible Dept./Person Name                                            | Measurable Goal(s)                                                              | Progress on Goal(s) – Permit Year 11<br>(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 has decided not to fund a collection day for the last four (4) fiscal years. Have contacted area communities to partner with them to hold regional hazardous waste collection days. | Will pursue funding in FY 2016 Capital Plan and try to find a municipal partner for regional hazardous waste collection days.                                                         |
| 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 11<br>(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                         | 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 2014. | No activity planned for this BMP in Permit Year 11 unless funding is available. Survey of mapped outfalls was completed and will seek funding to have discharges removed. | 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 11<br>(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 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 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 11<br>(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 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 10                    |

## 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 11<br>(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 11. | No progress made on this BMP this past year. Will pursue funding for consultant in FY 15. |
| 6.2      | Develop SWPPPP for Highway Department facility                                                            | Highway Department            | Develop SWPPP Plan                                                                        | No activity for this BMP in Permit Year 11. The lack of funding to develop the plan is causing a delay in reaching this goal.                                   | A SWPPP will need to be developed once funding becomes available.                         |
| 6.3      | Employee Training                                                                                         | Highway Department            | Develop biannual training program                                                         | This BMP continues to be delayed due to lack of funding to implement.                                                                                           | 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 %)      |    |
| 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                                                        | (#)           |    |
| ▪ community participation                                               | (%)           |    |
| ▪ material collected                                                    | (tons or gal) |    |
| School curricula implemented                                            | (y/n)         |    |
|                                                                         |               |    |
|                                                                         |               |    |

## Legal/Regulatory

| Regulatory Mechanism Status (indicate with "X")    | In Place Prior to Phase II |  |  |  | Under Review |  | Drafted |  | Adopted |  |
|----------------------------------------------------|----------------------------|--|--|--|--------------|--|---------|--|---------|--|
|                                                    |                            |  |  |  |              |  |         |  |         |  |
| ▪ 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               |  | (%)        |  | 100% (May 2013) |
| Estimated or actual number of outfalls |  | (#)        |  | 199             |
| System-Wide mapping complete           |  | (%)        |  | 100%            |
| 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                                                          | (#)        |  |
|                                                                                                   |            |  |
|                                                                                                   |            |  |

## 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)     | 2/yr |
| Average frequency of catch basin cleaning (commercial/arterial or other critical streets)      | (times/yr)     | 2/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 |
| Cost of sweepings disposal                                                           | (\$)           |         |

|                                               |       |     |
|-----------------------------------------------|-------|-----|
| 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              | 30% |
|                                                          | % CaCl <sub>2</sub> |     |
|                                                          | % MgCl <sub>2</sub> |     |
|                                                          | % CMA               |     |
|                                                          | % K <sub>ac</sub>   |     |
|                                                          | % KCl               |     |
|                                                          | % Sand              | 70% |
| Pre-wetting techniques utilized                          | (y/n)               | No  |
| 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)               |     |
|                                                          |                     |     |
|                                                          |                     |     |