

Municipality/Organization: WAYLAND, MASSACHUSETTS

EPA NPDES Permit Number: MAR041169

MassDEP Transmittal Number: W-041312

**Annual Report Number
& Reporting Period:** April 1, 2015 – May 1, 2016

NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2015)

Part I. General Information

Contact Person: Brian Monahan **Title:** Conservation Administrator

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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: Nan Balmer

Title: Town Administrator

Date: 5-2-16

Part II. Self-Assessment:

The Conservation Commission's staff prepares the MS4 Report and coordinates town efforts relating to stormwater and its impact on the resource areas for which the Commission has the primary role of protecting. Various Boards and departments have components relating to storm water, storm water discharges, the maintenance of the town's drainage system, the review of new drainage components (BMPs and related structures), and the repair and upgrade of these structures. To the extent possible the Commission works with all town Boards and Commissions to insure a consistent, cohesive approach to drainage and water quality.

The town's stormwater Bylaw was amended in 2015 to lower the thresholds for regulation of increased impervious surfaces and provides for stronger containment of construction sediments to protect the drainage system and receiving waters impacted by eroding materials. A decision was made to create a local stormwater permit and permit application. A fact sheet for the public was created that defines projects not needing a local stormwater management and land disturbance (SMLD) permit. A point of emphasis of the permit is how increased runoff resulting from new impervious surfaces greater than 500 square feet will be addressed on the property as opposed to discharging the runoff into the municipal system with the associated impacts that result.

While the most recent amendment to the Stormwater Bylaw sought to clarify how the town is addressing illicit discharges, a formal system for reporting any discharge will enhance the town's effort. The town does have an active maintenance program that includes work at outfalls which will be improved through a coordinated effort to report suspected illicit discharges. Training for the maintenance workers will help them in the identification of any potential illicit discharge. An inter-departmental effort to identification of illicit discharges will be explored.

The Town continues its commitment to reduce the use of phosphates on town land along the Sudbury River. The Department of Public Works uses no phosphates in the maintenance of fields.

The Conservation Commission purchased a property directly abutting the Sudbury River and will demolish the existing structure to create a modest natural area to provide access to the river and management of the property to reduce any impacts on the river. The Commission does not use fertilizers and will plant native plants all of which will contribute to improved water quality on the Sudbury River. In addition a resident donated land that will become part of the Heard Farm Conservation Area providing more protection of the Sudbury River and additional natural and undeveloped land. The Conservation Commission will monitor any materials put on hay fields that are within the Sudbury River basin to assure that there is no phosphate use on the fields.

Annual Transfer Station and Annual Post-Closure Landfill Inspections are conducted by a contractor. The inspections are typically conducted in the spring. Written reports are prepared and submitted to the MassDEP and the Town. The landfill storm water management system consisting of water bars, drainage swales, culverts and detention areas is checked and any

needed corrective actions are listed in the inspection report and discussed with DPW staff. Storm water drainage at the Transfer Station is also checked. Inactive, closed, or capped landfills are no longer subject to storm water permitting requirements and are also not regulated under EPA's Phase II Small MS4 program and therefore this BMP is not a required to be completed under the Town's MS4 program. Under the new 2016 MS4 General Permit, the Town will review whether the landfill and transfer station are required to develop and implement a SWPPP and will revise BMPs as necessary to meet the new permit.

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)	Planned Activities – Permit Year 14
PEO-3	SuAsCo			Status of continued participation is not known – presumed to have ended.	Look for alternative means of communicating with public.
Revised					
Revised	<i>No longer participating in SuAsCo</i>				
PEO-2	Stormwater Flyer	SuAsCo	Flyer		
Revised					Continued use of web page and tax bill inserts as well as participation in community events.
Revised					
Revised					

1a. Additions

PEO 3	Introduction to possible changes to MS4 Permit	ConCom and others	Press release on proposed changes	Create a press release or summary document and circulate it when new Permit is promulgated.	Unclear when new MS4 Permit is to be effective and it will require additional changes to this plan.
PEO	Increase public education regarding local Bylaw	ConCom and others	Press release/s, update web page, notice to Building Dept. and Board of Health	New goal and effort is underway to increase implementation of the amended Stormwater Bylaw.	Continue public education through tax bill inserts, signs, and notice via other permitting departments.

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)	Planned Activities – Permit Year 14
Revised					
PP-2 Revised	Storm water web page	All	Link or links on Town of Wayland Web page	Check links, add additional material	Continue same
Revised					

2a. Additions

PP-3	Interdepartmental Coordination	Land Use Depts.	Compatible standards and implementation	Participated in any convened Land Use meeting. Contact other permitting departments about existing Stormwater and Land Disturbance Bylaw.	Continued participation in meetings. Prepare a chart of each applicable department/Board roll in drainage and stormwater.
PP-4	Coordination of regulatory boards	BOPW, BOH, CONCOM, et.al	Meeting attendance by representative - minutes	Some participation by attending other Board meetings did occur.	Continued work with other permitting or review Boards and/or Commissions.

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)	Planned Activities – Permit Year 14
IDE-1 Revised	Storm water Mapping	ConCom/GIS, Others	Have map available	Met with GIS Coordinator, vendor for GIS and hope to get the mapped drainage added to GIS.	Integrating data from utility layer expected this year.
IDE-3 Revised	Illicit Discharge Detection	DPW	Identification of illicit discharges	Improved IIDE in the existing Stormwater Bylaw.	
IDE-3 Revised	Illicit Discharge Detection	All Town Depts.	Coordinate efforts to identify illicit discharges	Have limited input from DPW and that which was provided was followed up with communications with them.	Continue to seek the coordination with other departments who are onsite cleaning drains and outfalls.

3a. Additions

IDE-4	Amend or Adopt Bylaw	ConCom/Town Meeting	Create report with outline of changes to improve addressing illicit discharges	Bylaw was amended. Explored a separate IDDE Bylaw, however, could not define an oversight agency.	Continue to monitor effectiveness of the amended Bylaw.
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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)	Planned Activities – Permit Year 14
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Revised					
BMP CSW- 3	Dept. site inspections	Planning Bd, Con. Comm.	Site inspections	Evaluate and report on other means of inter-departmental cooperation and communication and report on same.	Continue to expand upon present year efforts.
Revised		Add BOH and Building			
Revised					

4a. Additions

BMP- 1A	Implementation of Stormwater Bylaw	Conservation and others	Creation of regulations and general permit	Discussions on regulations, review of sample regulations, and other town's regulations. Worked on regulations – in end amended the Bylaw.	Have regulations and general permit operational.

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)	Planned Activities – Permit Year 14
GH-1	Develop controls for reducing discharge	Various Depts.	On-site implementation	Depts. are generally aware of requirements and using BMPs	Seek continued compliance
Revised					
GH-2	Landfill SWPP	Public Works Board	By others	Ongoing. Continue to maintain BMPs at site.	Attempt to evaluate what the status of the
Revised					
Revised					

GH-4 Revised	Record depository	Undefined	Annual Reports	Assess reporting methodology for more effective tool. Started a database of O&M Plans for BMPs	Continue to expand database for both O&M Plans and the related BMPs.
Revised					
Revised					

5a. Additions

GH-7	Coordinated O&M efforts for BMPs	Land Use Dept and DPW	Undefined – Land Use minutes, anecdotal	New Goal: Began to collect and review O&M Plans – do not have status report on coordination done at this point.	Continue to pursue a report on status of coordination with planning/permitting, and implementation among Town Depts.
GH-8		DPW	Use of vactor for bmp maintenance.	Evaluate data collection methods being used as a tool for tracking bmp maintenance.	Seek to define what means might exist or could be implemented to improve reporting and monitoring through actual activities.

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)	Planned Activities – Permit Year 14
GH-2 Revised	Interdepartmental Efforts	B.O.H./Conservation/Public Works/Building Department		Capping of landfill being done. Facility being operated as transfer station. Will assess any further needs or requirements	Reporting done by others where applicable.
GH-3 Revised		Various Town Depts.	Identifiable activities or exercises		
GH3 Revised	Development of Stormwater Regulations	ConCom	Set of regulations and general permit		Create regulations and general permit

Revised					
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6a. Additions

GH#	Interdepartmental Coordination	B.O.H./Conservation/Public Works/Building Department			

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 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14
Revised					Seek to define impact of TMDL on the Town.
Revised					

7a. Additions

7b. WLA Assessment: Currently no TMDL applicable however, with new permit Charles River Basin may have TMDL. Conservation Commission, through assessment of drainage, considers water quality and attempts to ascertain if WLA are applicable. Aware of no change in status of TMDL. Consideration of phosphorous removal by ConCom, Surface Water and

others continues to be applicable. NO CHANGE IN THIS AT THE PRESENT TIME.