

April 29, 2018

Glenda Velez - CIP
U.S. Environmental Protection Agency - Region 1
5 Post Office Square – OEP06-01
Boston, MA 02109-3912

Fred Civian, Stormwater Coordinator
Massachusetts Department of Environmental Protection
One Winter Street – 5th Floor
Boston, MA 02108

RE: *NPDES General Permit for Storm Water Discharges from Small MS4s
Annual Report for the Town of Whitman, Massachusetts (Permit Year 15)*

EPA Permit Number: MA04071/MADEP Transmittal Number: W036099

Dear Madam/Sir:

The Town of Whitman, Massachusetts is pleased to provide you with the attached National Pollutant Discharge Elimination System (NPDES) Phase II Small MS4 General Permit Annual Report for the period from April 1, 2017 to March 31, 2018. In general, the Town has developed a stormwater management program and will continue to implement activities in accordance with regulatory requirements and as available funding will allow.

Should you have any questions, please do not hesitate to call me at (781) 618-9817, or by email BMartin@whitman-ma.gov.

Sincerely,



Bruce Martin
Public Works Superintendent

cc: Natalie Pommersheim, Environmental Partners Group, Inc.

Municipality/Organization: Town of Whitman, MA

EPA NPDES Permit Number: MA04071

Massachusetts DEP Transmittal Number: W036099

Annual Report Number

& Reporting Period: No. 15: April 2017 -March 2018

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Bruce Martin


Title: Superintendent - DPW

Telephone #: 781-618-9817

Email: BMartin@whitman-ma.gov

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: Bruce Martin

Title: Superintendent – Department of Public Works

Date:

Part II. Self-Assessment

The Town of Whitman has completed the required self-assessment and has determined that our municipality is in compliance with all permit conditions, with the following work scheduled for completion:

- BMP 4-1, 5-1 and 5-3 remain under review. The Town expects to continue revisions to the bylaws. Once the language is agreed upon, the revisions will be voted on at Annual Town Meeting.

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 15 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Permit Year 16 (if applicable) |
|----------|---|-------------------------------|---|--|---|
| 1-1 | Inserts in Water and Sewer bills. The Town drops off pamphlets when reading the meter. | Department of Public Works | Pamphlet dropped off during meter reading. | No pamphlets dropped off this permit year. | Continue public education efforts by adding storm water information in the annual Consumer Confidence Report (CCR). |
| 1-2 | Park kiosks (signs) | Parks Department | Notices posted | There were no new notices posted during Year 15. | Continue to post and maintain notices as necessary. |
| 1-3 | Pooper Scooper Ordinance | Animal Inspector | Ordinance passed | Maintained ordinance. | Maintain ordinance and post signs describing the ordinance. |
| 1-4 | Watershed signage | Department of Public Works | Signs posted | Maintained existing signs. | Maintain status of signs. |
| 1-5 | Resident Hotline During DPW business hours | Department of Public Works | Calls received | Continued hotline during business hours. | Continue hotline. |
| 1-6 | Hazardous Waste Collection Day | Department of Public Works | Number of collection days held and amount of waste collected. | Held collection day in September (joint collection day with Abington). | Continue holding collection days. |

1a. Additions

| | | | | | |
|-----|---|----------------------------|------------------------------|--|---|
| 1-7 | Additional HHHW drop off locations/days | Department of Public Works | Number of drop off locations | Continued participation in the South Shore Recycling Cooperative, where 14 local communities open up their local HHHW collection days to members of the cooperative. | Continue to participate in the South Shore Recycling Cooperative. |
| 1-8 | DPW Website & Facebook Page | Department of Public Works | Number of Notices Posted | Update Website and Facebook Page regarding stormwater concerns. | Continue to update Website and Facebook Page. |

2. Public Involvement and Participation

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 15 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Permit Year 16 (if applicable) |
|----------|---------------------------------------|-------------------------------|--------------------|--|--|
| 2-1 | Comply with State public notification | Town Clerk | Notices posted. | Continued to post notices. | Continue to post notices. |

2a. Additions

| | | | | | |
|-----|--|----------------------------|---|--|--|
| 2-2 | Convene Stormwater and GIS Committee | Department of Public Works | Facilitate conformance with Phase II program; facilitate building and implementing a GIS. | Assessor incorporated updates to parcels to reflect changes to property lines. | Continue to monitor Phase II compliance and GIS development. |
| 2-3 | Tree planting program | Parks Department | Number of trees planted. | Continued "Friends of the Park" to work directly with homeowners that are planting trees in front of their homes (adjacent to the sidewalk). | Continue tree planting program with "Friends of the Park." |
| 2-4 | Local Boy Scout Troop sponsored clean rivers and stream day. | Department of Public Works | Walk river and stream banks | Utilized "Community Service" obligations by residents for cleanup of litter around Town parks. | Continue supporting effort. |
| 2-5 | Public watchdog program | Department of Public Works | Increased public's ability to notify DPW of public's concerns | The Town established a "SeeClickFix" program for residents to report anything DPW-related on a 24/7 basis through a phone app. No issues relating to stormwater were reported during Permit Year 15. | Continue to track "SeeClickFix" hits for stormwater related notifications. |

3. Illicit Discharge Detection and Elimination

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 15 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Permit Year 16 (if applicable) |
|----------|--|-------------------------------|--------------------------------|---|---|
| 3-1 | Illicit connection ordinance | Town Clerk | Ordinance passed | Maintained the existing ordinance. | Maintain ordinance and track enforcement actions. |
| 3-2 | Outfall Map | Department of Public Works | Map complete | None, map complete. | None, map complete. |
| 3-3 | Dry weather screening | Department of Public Works | Percent of outfalls screened | None, all outfalls screened in previous years. | Revisit outfalls with dry weather flow for inspections. |
| 3-4 | Create a storm drain and sewer GIS | Department of Public Works | Map created | None, map complete. Working on a revised GIS System for Town and Public Use. | Continue working on a revised GIS System for Town and Public Use. |
| 3-5 | Identify and remove illicit connections | Department of Public Works | Illicit connections identified | No illicit connections identified this year. | Continue to identify/remove illicit connections. |
| 3-6 | Newspaper article about the hazards of illicit connections | Department of Public Works | Articles published | No articles published this permit year. | Publish article and/or Cable TV presentation. |

3a. Additions

| | | | | | |
|-----|--|----------------------------|---|---|-----------------|
| 3-7 | I/I and Illicit Connection Removal Program | Department of Public Works | Percent of Town screened and/or numbers of houses inspected | I/I SRF funded project for 3,500 feet of Sanitary Sewer along Auburn Street – Completed in year 13. | None, Complete. |
|-----|--|----------------------------|---|---|-----------------|

4. Construction Site Stormwater Runoff Control

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 15 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Permit Year 16 (if applicable) |
|----------|--|---|-------------------------------------|--|---|
| 4-1 | Construction Site Erosions and Sediment Control Ordinances | Planning Department | Ordinance passed | The existing Town By-Laws require means for surface water drainage without causing erosion, and ground stabilization for erosion control. Reviewed and commented on language and responsible town departments for implementation/compliance. | Modification of existing bylaws pending Town Meeting Approval. Need to update for Nitrogen removal, and other nutrient requirements pending the release of the New Permit. |
| 4-2 | Site Plan Reviews | Planning Department | Number of Site Plans Reviewed | Reviewed site plans. | Continue reviewing site plans. |
| 4-3 | Enforcement of sediment and erosion controls | Conservation Commission and Planning Department | Number of Enforcement Actions taken | Inspected new development for enforcement needs. | Continue inspections. Tracking and characterization of violations will be documented. |
| 4-4 | Inspection of sediment and erosion controls | Conservation Commission and Planning Department | Number of inspections performed | Received monthly inspection reports from site operators. | Continue receiving and reviewing monthly inspection reports from site operators. Documentation regarding number of inspections and inspection results summaries will be maintained. |
| 4-5 | Consideration of public input | Planning Department | Public review periods held | Held public review period for applicable projects. | Continue to place notices to announce review and comment period for each construction project. |

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 15 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Permit Year 16 (if applicable) |
|----------|--|-------------------------------|----------------------|--|--|
| 5-1 | Develop a bylaw to apply Standards 2, 3, 4, 7 and 9 of the MA Stormwater Policy to the entire Town | Planning Department | Ordinance passed | Reviewed and commented on language and responsible town departments for implementation/compliance. | Expect to present at Town Meeting. |
| 5-2 | Specify a stormwater BMP manual | Planning Department | BMP Manual selected. | None, completed in Year 1. | BMP Completed. |
| 5-3 | Ordinance for Long-term maintenance | Planning Department | Ordinance passed | Reviewed and commented on language and responsible town departments for implementation/compliance. | Expect to present at Town Meeting. |

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 15 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Permit Year 16 (if applicable) |
|----------|---------------------------------|-------------------------------|--------------------------------------|--|---|
| 6-1 | Employee training | Department of Public Works | Number of employees trained | Continued stormwater training with Environmental Partners Group to review stormwater program, and discuss new Permit requirements. | Continue employee training. Tracking and documentation related to number of trainees and topics discussed will be maintained with Department records. |
| 6-2 | Street sweeping | Department of Public Works | Percent of streets swept | Swept all streets twice (Spring & Fall), downtown area on Fridays, as well as additional times when necessary (water main breaks, etc.) | Sweep all streets twice per year, and as needed. |
| 6-3 | Roadway de-icing | Department of Public Works | Number of times Salter is calibrated | Calibrated salt spreaders, covered road salt on a per storm basis, and monitored industry standards. Incorporated roadway de-icing as part of the operations manual. | Calibrate salt spreaders, cover road salt, and monitor industry standards. |
| 6-4 | Snow disposal | Department of Public Works | Number of snowstorms | Dumped snow away from sensitive areas. Incorporated snow disposal practices into operations manual. | Dump snow away from sensitive areas and use containment boundaries. |
| 6-5 | Green landscaping at Town parks | Parks Department | Fertilizer used | Continued landscaping practices and training. | Continue landscaping practices and training. Will look into natural solutions to attain nitrogen/phosphorus requirements. |
| 6-6 | Storm Drain Maintenance | Department of Public Works | Number of catch basins cleaned | Cleaned 50% of Town's catch basins during Permit Year 15. | Clean remaining 50% of Town's catch basins, so that all catch basins are cleaned every 2 years. |
| 6-7 | Vehicle maintenance | Department of Public Works | Hazardous materials used | Continued materials inventory. Wastes were disposed of during Hazardous Waste Day. | Continue inventory. Documentation of quantity tracking and characterization will be maintained by the Department. |

| BMP ID # | BMP Description | Responsible Dept./Person Name | Measurable Goal(s) | Progress on Goal(s) – Permit Year 15 (Reliance on non-municipal partners indicated, if any) | Planned Activities – Permit Year 16 (if applicable) |
|----------|-----------------------|-------------------------------|-------------------------------|--|--|
| 6-8 | Tree planting program | Parks Department | Number of trees planted | Continued working with “Friends of the Park” to help with the tree planting program, see BMP 2-3. Planted 5 trees during Permit Year 15. | Continue tree planting program with “Friends of the Park” including working with homeowners that are planting trees adjacent to the sidewalks (see BMP 2-3). |
| 6-9 | Illegal dumping | Department of Public Works | Log of illegal dumping events | Posted/maintained signs in illegal dumping areas. No illegal dumping that affects drainage system reported. | Keep log of illegal dumping areas and events. Post signs as needed. |

Additional Items:

During Permit Year 15, catch basins were treated to prevent the emergence of Culex pipiens, a known mosquito vector in West Nile Virus transmission. Crews removed blockages, brush and other obstructions due to overgrowth from ditches and streams to prevent overflows or stagnation that can result in mosquito breeding.

No additional information has been collected or analyzed this Permit Year outside of what was listed in Part III above.