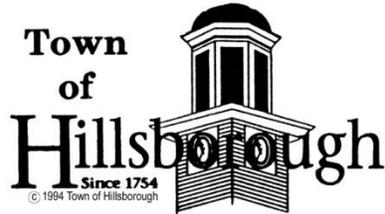


Town of Hillsborough



NPDES Phase II Stormwater Management Program



Stormwater Wetland at Gold Park

ANNUAL REPORT

December 2016

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INTRODUCTION

Why Care About Stormwater?

Adding impervious surface decreases the amount of stormwater that infiltrates into the ground. This increases the amount and velocity of stormwater runoff. This can cause accelerated erosion and downstream flooding. In addition, as stormwater flows across impervious surfaces, it picks up various pollutants. These include excess nutrients, oil and grease, bacteria and sediment. Polluted stormwater flows down storm drains and ditches where it is discharged, untreated, into local streams, rivers, and lakes. Stormwater runoff pollution causes adverse impacts to aquatic ecosystems, poses human health risks, and can greatly increase the cost of treating drinking water.

Program Background

In 1972, the National Pollutant Discharge Elimination System (NPDES) program was established under the authority of the Federal Clean Water Act. Phase I of the NPDES Stormwater program was established in 1990. It required NPDES permit coverage for municipalities with populations of 100,000 or more.

Phase II of the NPDES Stormwater program was signed into law in December 1999. The Phase II program extended permit coverage to smaller (< 100,000 pop.) communities and public entities that own or operate a municipal separate storm sewer system (MS4). It required these smaller communities to develop a stormwater program and obtain an NPDES permit for stormwater discharges.

In North Carolina, the Department of Environmental Quality (NCDEQ) administers the NPDES Stormwater program. NCDEQ issued the Town of Hillsborough's (Town) initial Phase II permit, on October 1, 2005. The permit required the Town to develop, implement, and enforce a stormwater program designed to reduce the discharge of pollutants from the MS4 to the maximum extent practicable. The program was implemented in phases over five years of the initial permit. Pursuant to the permit the stormwater program included the following six minimum measures or best management practices (BMPs):

1. Public education and outreach on stormwater impacts;
2. Public involvement/participation;
3. Illicit discharge detection and elimination;
4. Construction site stormwater runoff control (Erosion Control);
5. Post-construction stormwater management for new development and redevelopment;
6. Pollution prevention/good housekeeping for municipal operations.

The Town's current permit, Number NCS000466, was issued on October 1, 2010. This annual report reflects reporting requirements pursuant to the permit but is in addition to the primary online report required by NCDEQ. Numbers reported are for the "permit year" which runs from October 1, 2015 through September 30, 2016.

1. Storm Sewer System Information

1.1 Population Served

Estimated population served..... 6,464¹

1.2 Growth Rate

Estimated growth rate..... 6.19%²

1.3 Jurisdictional Area

Town Limits 5.3 sq. mi

ETJ 3.7 sq. mi.

1.4 MS4 Conveyance System

Due to the age of the town, MS4 consists of a variety of stormwater conveyances and components. These range from typical curb and gutter systems conveyed by concrete pipes to simple sheet flow. The predominate conveyance components include grass lined swales and vegetated drainage ditches with various pipes and culverts. There are also various detention systems within the Town's jurisdiction, however these are on private property.

MS4 system components are periodically inspected to ensure proper function. The North Carolina Department of Transportation (NCDOT) maintains systems within state road rights-of-way. Systems located on private property, including detention facilities and other engineered stormwater controls, are maintained by the owner.

1.5 Land Use Composition

Estimated Land Use³

Residential..... 31%

Commercial 14%

Industrial..... 4%

Open Space..... 51%

Total 100%

¹ July 2015 Data from North Carolina Office of Budget and Management, State Demographics Data, <http://www.osbm.state.nc.us/>.

² Percentage increase from 2010 to 2015 (North Carolina Office of Budget and Management, State Demographics Data, <http://www.osbm.state.nc.us/>.)

³ Land use percentages were estimated from the Town of Hillsborough Land Use GIS database. Area of parcels for each designated land use type were summed and calculated for relative percentage of the planning jurisdictional area.

1.6 TMDL Identification

Currently, no streams flowing into or out of the Town of Hillsborough’s jurisdiction have an associated Total Maximum Daily Load.

2. Receiving Streams

The Town of Hillsborough lies entirely within the Falls Lake Watershed, which is part of the Neuse River Basin. Specifically, the Town drains to the Eno River. Specific receiving waters are listed below.

Receiving Stream	Description	Classification	Index No.
Eno River (Corporation Lake, Lake Ben Johnston)	From a point 0.4 mile upstream of Dry Run to dam at Lake Ben Johnston (Orange County water supply intake & Town of Hillsborough water supply intake)	WS-II; HQW, CA, NSW	27-2-(3.5)
Eno River	From dam at Lake Ben Johnston to Orange County SR 1561	C; NSW, N	27-2-(7)
Seven Mile Creek	From a point 0.4 mile upstream of I-85 to Lake Ben Johnston, Eno River	WS-II; HQW, CA, NSW	27-2-6-(1.5)
Rocky Run	From a point 0.5 mile upstream of I-85 to Seven Mile Creek	WS-II; HQW, NSW	27-2-6-2-(2)
Cates Creek	From source to Eno River	C; NSW	27-2-8
Strouds Creek	From source to Eno River	C; NSW	27-2-9
Stony Creek	From source to a point 0.4 mile upstream of Orange County SR 1710	C; NSW	27-2-13-(1)

3. Existing Water Quality Programs

3.1 Local Programs

The following programs and ordinances are being implemented within the Town of Hillsborough’s jurisdiction.

Unified Development Ordinance (UDO) – regulates overall development and land use. Specific water quality aspects include local stream buffer rules and post construction stormwater requirements, including nutrient limits.

Flood Damage Prevention – through its UDO the Town protects water quality by preventing new development within flood hazard zones.

Local Nutrient Sensitive Waters (NSW) Strategy - through its UDO the Town adopted stormwater requirements for new development to meet the Falls Lake Nutrient Management Strategy (Falls Lake rules).

Delegated Erosion and Sediment Control Program - as noted in Section 6, the Town relies on Orange County to conduct an erosion control program. Orange County has local delegated authority from the state.

3.2 State Programs

State programs, including the Neuse, Falls Lake, and Water Supply Watershed rules are implemented at a local level. The Town of Hillsborough does rely on NCDOT to maintain stormwater facilities and programs within state-owned road rights-of-way.

4. Permitting Information

The Town's Stormwater Program is under direction of the Stormwater and Environmental Services Manager. Stormwater and Environmental Services is a division of the Town's Planning Department. The Stormwater and Environmental Services Manager works closely with Utilities, Public Works and Planning departments, and is supervised by the Assistant Town Manager/Planning Director.

4.1 Responsible Party Contact List

Overall implementation and oversight of the Town's Stormwater Program is directed by:

Terry Hackett, Stormwater & Environmental Services Manager
Town of Hillsborough
P.O. Box 429
101 E. Orange Street
Hillsborough, NC 27278
Telephone: 919-732-1270
Email: terry.hackett@hillsboroughnc.org

4.2 Signing Official

The Town of Hillsborough operates under a council-manager form of government. The town manager is responsible for management and oversight of the Town's daily operations. Contact information is listed below:

Eric Peterson, Town Manager
Town of Hillsborough
101 E. Orange Street
P.O. Box 429
Hillsborough, NC 27278
Telephone: 919-732-1270
Email: eric.peterson@hillsboroughnc.org

5. Co-Permit Status Information

The Town of Hillsborough holds its own NPDES Phase II permit and does not co-permit with another entity.

6. Reliance on Another Entity

The Town of Hillsborough utilizes Orange County to implement the Construction Site Stormwater Runoff Control (i.e. erosion control) portion of its stormwater program.

6.1 Contact Information

Erosion Control Program: Howard Fleming Jr., P.E., Erosion Control Supervisor
Orange County Planning and Inspections Department
131 W Margaret Lane, Suite 201
Hillsborough, NC 27278
919-245-2586
hfleming@orangecountync.gov

6.2 Legal Agreement

The Town maintains an inter-local agreement with Orange County to provide erosion control services. The current agreement was approved in October 2012.

7. Stormwater Management Program Plan

The following sections briefly describe the Town's stormwater management program for each of the six BMPs. Detailed information regarding each program area can be found in the Town's comprehensive stormwater management plan, available on the Town's website.

7.1 Public Education and Outreach

The Town's stormwater public education and outreach program includes dissemination of educational materials, various school programs, rain garden demonstration site at Stillhouse Creek, presentations to various civic groups, CW Stanford Eco-classroom Project, Outdoor Science Club, and membership in the Clean Water Education Partnership. Accomplishments for the year are listed in the following sections.

7.1.1 School Program Statistics

School Stormwater Education Programs-2016		
Program	Students	Giveaways/ Certificates
AL Stanback - Earthwalk	210	37
CW Stanford – Earthwalk	140	15
Gravelly Hill – Earthwalk	177	32
OHS Environmental Science	53	-
<i>Total</i>	580	84

7.1.2 Outreach, Special Events and Other Program Statistics

Outreach, Special Events and Other Programs-2016		
Program	Participants	Handouts/ Giveaways
Duke Fly Fishing Class	14	14
Earth Evening Event	25	25
Stormwater Utility Public Meeting	25	22
Exchange Club Presentation	33	2
State of the Town Address	90	5
Girl Scout Troop 1010	12	1
<i>Total</i>	199	69

7.1.3 CWEP Media Statistics

The Town of Hillsborough participates in the Clean Water Education Partnership (CWEP). CWEP assists member governments with their stormwater outreach and education program by leveraging member dues to conduct various media campaigns. Summary statistics for Hillsborough are provided below. For more information, the CWEP annual report and other outreach materials can be accessed from their website, <http://www.nccwep.org/>.

CWEP 2016 Statistics	
Town's 2016 Cost Share	\$2,259.00
Market	Triangle Market
Television Outreach	<i>None this year</i>
Radio Outreach	<i>None this year</i>
Movie Theater Outreach ⁴	1,372 spots aired, 20,998 impressions ⁵
Online Video Campaign CWEP's <i>Sodfather</i> Video	4,701 impressions
Social Media Campaign CWEP's <i>Sodfather</i> Video	19,643 people reached with 61,000 online impressions
Website Performance	2,069 unique visitors/month average

⁴ There are no movie theaters in Hillsborough, so these statistics are for the two closest movie theatres to Hillsborough. Spots were aired throughout the Triangle Market.

⁵ Impressions are a metric used in media; it is the total number of times radio/television spots were heard/seen (a given listener/viewer may hear/see the message multiple times.)

7.2 Public Involvement and Participation

The Town’s stormwater public involvement and participation program includes maintaining an informational website with contact information, publishing a stormwater program newsletter, stormwater related press releases, participation in local events and festivals, volunteer stream monitoring, periodic tree plantings, rain garden program, and input from the Town Board and public meetings. This year, the town also released a professional video summarizing the new stormwater utility, and Stormwater and Environmental Services Manager, Terry Hackett appeared on the local radio station, WHUP to discuss the stormwater utility.

7.2.1 Newsletters, Articles and Press Release Statistics

Newsletters, Articles and Press Release Statistics – 2016	
Stormwater Almanac (newsletter) Issues Published	1
Stormwater Related Press Releases	11
Stormwater Related Articles Written/Published	1

7.2.2 NC Big Sweep Statistics

In 2015, the organization NC Big Sweep shut down operations. Due to continued staff time constraints no formal trash clean-up events were sponsored by the Town of Hillsborough, however supplies were provided for two small, trash sweeps conducted by local civic groups. Approximately 500 pounds of trash were removed from the Eno River, including about 8 tires. Town Stormwater and Environmental Services staff hope to promote a town wide litter clean up in the upcoming year.

7.2.3 Volunteer Monitoring

Volunteer Monitoring – 2016	
Number of Groups	1
Number of Monitoring Locations	1
Total Number of Volunteers	16
Number of Actions Completed as a result	1

7.2.4 Public Assistance

Public Assistance – 2016	
Number of Calls, Complaints, Issues	7
Number Resolved	7

7.2.5

7.2.6 *Tree/Wetland Planting*

Tree/Wetland Plantings - 2016		
Name/Location	Trees/Plants	Acres
Riverwalk Detention Basin/Rain Garden	100	0.1
Gold Park/Riverwalk (Calvin St.)	4	0.05
Murray Street Park	1	0.05
Downtown Area	3	0.1
<i>Total</i>	108	0.3

7.2.7 *Public Meeting Statistics*

In 2016 Stormwater and Environmental Services staff made 5 presentations to the Town Board regarding the stormwater utility. There was also a stormwater utility public informational meeting held and a public hearing to adopt the stormwater utility.

Stormwater Related Public Meetings 2016	
Number of Meetings	7
Number of Attendees	93

7.3 Illicit Discharge Detection and Elimination

The Town’s stormwater illicit discharge detection and elimination program is outlined in its *Illicit Discharge Detection and Elimination Plan* and is enforced through the Town code. This plan details measures that Town staff follows to find and eliminate illicit discharges and connections to the MS4. Other components of this program include employee cross-training, updating mapping, and evaluating funding sources to expand the program. There are approximately 200 stormwater outfalls located within the Town’s jurisdiction. There are also 67 known structural stormwater BMPs which have been mapped. Approximately 99% of the Town’s MS4 has been mapped.

7.3.1 *Illicit Discharge Statistics*

Due to staff resource constraints no screening investigations or dry weather inspections were conducted; except for informal dry weather inspections conducted as part of Stormwater and Environmental Services staff routine duties (i.e. looking for dry weather flows while conducting other field work). These resource constraints were analyzed as part of the stormwater utility adoption and the fiscal year 2016-2017 budget. As a result, one new, full time position was created and is currently being recruited. The new staff person is expected to start employment in January 2017.

Stormwater and Environmental Services staff did not find any dry weather flows during other routine field work. Staff did respond and resolve one individual illicit discharge complaint. That investigation concluded that there were no illicit discharges present. The following table summarizes this year's illicit discharges.

Illicit Discharge Summary – 2016		
<i>Illicit Discharge Screening & Inspection</i>	Screening Investigations conducted	0
	Dry weather inspections conducted	0
	Illicit discharges found	0
	Illicit connections found	0
<i>Individual Complaints & Investigations</i>	Number of Complaints/Investigations	1
	Investigations resolved	1
	NOVs Issued	0

7.3.2 Sanitary Sewer Overflow Statistics

While a sanitary sewer overflow (SSO) is ultimately the responsibility of the Town's Utility Department, overflows can reach the stormwater system and/or receiving waters, and therefore are considered an illegal discharge and thus reported here. For 2016 the Town of Hillsborough Utility Department reported two SSOs for the permit year. One SSO was a result of grease found in the sewer line. The grease was cleared and the line repaired. The second was due to a damaged manhole and water line main break. Between the two SSOs, only 400 gallons reached a surface water, which is a relatively minor impact.

SSO Summary – 2016	
Number of SSO's	2
Reported to state	2
Causes identified	2
Sites repaired	2
Total Volume of SSO's (gallons)	1700
Volume reaching surface waters (gallons)	400

7.3.3 Cross-Training

Due to Stormwater and Environmental Services staff time constraints, no illicit discharge recognition training was provided to Town employees in 2016. Currently the town is recruiting for a new Stormwater and Environmental Services staff person expected to be hired in January 2017. This will help ease current staff constraints.

7.4 Construction-Site Stormwater Runoff Control

Orange County implements and enforces construction site stormwater runoff control for the Town of Hillsborough through its erosion control program. Orange County has local delegated authority from the state to implement an erosion control program. Legal agreements are in place allowing Orange County to enforce its sedimentation and erosion control ordinance within the Town’s jurisdiction.

7.4.1 Erosion Control Projects Reviewed/Permitted

A total of six projects were reviewed and permitted by Orange County Erosion Control in the past year, totaling about 36 acres of disturbance. Of the six projects approved in the past year, five are currently under construction, while one project—Advance Auto Parts—began and was completed. A list of projects approved in the last year are provided in the following table.

ECP Review Summary – 2016		
Project Name	Tract Size Area Disturbed	
	(acres)	(acres)
Advance Auto Parts	1.56	2.2
Bellvue Apartments	9.1	3.87
Eno Valley Academy	34.25	17.23
Fiori Hill	17.60	7.75
Formalwear Outlet Expansion	2.85	1.42
Stihl, Inc. Expansion	8.8	3.8
<i>Totals</i>	74.16	36.27

7.4.2 Erosion Control Inspection

Active construction projects are inspected regularly by Orange County Erosion Control staff. Inspection reports, notice of violations (NOVs), and stop work orders are provided to Town Stormwater and Environmental Services staff. In addition, the Town is required to conduct periodic audits/inspections of active construction sites, including Town construction projects, to help ensure compliance. Generally, town staff tries to inspect active construction sites at least once a month, but often conducts quick site visits more frequently. It is important to note that Orange County increased inspection staff in the past year and are conducting more frequent inspections. This more proactive approach helps reduce the likelihood of issuing NOVs. A summary of inspections is provided in the following table:

Inspection Summary – 2016		
Active Projects	Privately Owned	17
	Town Owned Projects	0
	<i>Total</i>	<i>17</i>
Inspections Conducted	OCEC Staff	153
	Town Staff	86
	<i>Total</i>	<i>239</i>
Enforcement Actions	NOVs Issued	0
	Stop Work Orders	0
	<i>Total</i>	<i>0</i>

7.5 Post-Construction Stormwater Management

The Town’s post-construction stormwater program includes two primary components: new development review and stormwater control measure (SCM) inspection⁶. Proposed development projects are reviewed to determine if stormwater standards listed in the UDO have been met. Development projects are inspected both during construction and periodically after construction to ensure continued operation of structural stormwater SCMs. More details regarding approved development projects can be obtained through the Town’s website, <http://www.ci.hillsborough.nc.us/approved-projects>.

The following two tables summarize projects reviewed and approved in the past year. All six projects began construction during the permit year and Advance Auto Parts actually completed construction.

Stormwater SCMs Approved for Development Projects – 2016	
Stormwater BMP Type	Quantity
Bioretention	7
Sand Filter	1
Stormwater Wetland	1

⁶ Formerly known as stormwater “best management practices” or BMPs, engineered stormwater control measures will now be referred to as SCMs. These include wet detention ponds, dry retention basins, bioretention basins, stormwater wetlands, level spreaders, grass swales, etc. and are designed to control both the quantity and quality of stormwater runoff from developed areas. The change in nomenclature is to better describe structural stormwater controls versus other management practices.

Development Summary of Approved Projects - 2016				
Development Name	Type	Site Acreage	Impervious Acreage	Number of SCMs
Advance Auto Parts	Commercial	2.22	0.67	1
Eno Valley Academy	Institutional	34.35	4.3	1
Fairview Park Parking Expansion	Recreational	3.12	0.63	1
Fiori Hill	Residential	17.6	3.7	3
Formalwear Outlet Expansion	Commercial	2.85	1.2	1
Stihl, Inc. Expansion	Industrial	4.68	1.46	2
	<i>Total</i>	<i>64.82</i>	<i>11.96</i>	<i>9</i>

7.5.1 Structural Stormwater SCM Inspections

The Town is required to maintain an SCM inspection program pursuant to both the NPDES Phase II regulations and the Falls Lake rules. The Town requires the owner of each SCM to inspect at least annually and submit a report to the stormwater program manager. Additionally, the Town is required to inspect stormwater SCMs approved through the UDO at least once every five years.

There are also SCMs within the Town’s planning jurisdiction that were approved prior to the Town’s NPDES stormwater permit issued in 2005. In March of 2013, Stormwater and Environmental Services embarked on a program to bring all SCMs within the Town’s planning jurisdiction into compliance. This process continues and structural stormwater SCMs are inspected as time and resources allow. The intent is to exceed the inspection interval required by the NPDES and Falls Lake regulations. The goal is to inspect at least a third of SCMs annually.

However, in 2016 staff resource constraints prevented inspecting/auditing a third of the SCMs within the town’s jurisdiction. The majority of staff time was spent analyzing and developing the town’s new stormwater management utility. This utility and associated fee will allow the town to hire a new staff person that will help complete SCM audits/inspections. For that reason, no NOVs were issued in the past year, although one property owner that has three SCMs previously noted as non-compliant are in the process of repairing the SCMs. The following table summarizes the effort this year.

SCM Inspection Summary – 2016	
Number of Mapped SCMs	85
Audits/Inspections Conducted ⁷	21
Maintenance Issues Identified	8
Maintenance Issues Resolved as a Result	6
Violations Noted	0
NOVs Issued	0

Perhaps a more telling statistic regarding SCM compliance are the number of annual maintenance inspections received in 2016. The Town’s UDO requires all SCM owners to submit their annual inspection report by September first of each year. Stormwater and Environmental Services staff sent reminder letters to the SCM owners again this year. This continued outreach has helped to increase compliance with annual inspection reports and maintenance. The following table shows compliance based on the number of reports received.

Year	No. of SCMs	Compliant
2013	63	13%
2014	66	47%
2015	72	71%
2016	85	73%

7.6 Pollution Prevention/Good Housekeeping for Municipal Operations

The Town’s pollution prevention/good housekeeping program includes five primary components: evaluate Town operations, corrective action, roadway/drainage maintenance, employee training, and public awareness.

The Town also maintains public road right-of-way (ROW) in portions of their jurisdiction that are not owned by NCDOT and sewer/water line ROW. Public Works and Utility Department employees inspect these ROW areas regularly, as part of their routine duties. Town staff corrects erosion and/or stormwater runoff issues in the ROW and when necessary these issues are evaluated by Stormwater and Environmental Services staff to ensure compliance with good housekeeping procedures.

Stormwater and Environmental Services staff conduct annual “good housekeeping” inspections of each town-owned facility. Facilities are given one of

⁷ This includes both informal and formal inspections conducted as a part of the Town’s effort to bring all stormwater BMPs into compliance and it includes multiple inspections of the same BMPs.

three ratings: compliant, compliant with conditions or non-compliant. Facilities rated compliant with conditions typically have just one or two minor issues that need corrected. Non-compliant facilities either have a major issue or numerous minor issues that need corrected. Once corrective actions are completed, follow-up inspections are conducted to ensure issues were rectified. Below is the status of the 2016 inspections.

Good Housekeeping Inspections – 2016	
Facility	Status
1. Cemetery	<i>Compliant w/conditions</i>
2. Cates Creek Park ⁸	<i>Compliant</i>
3. Fairview Community Policing Center	<i>Compliant w/conditions</i>
4. Fleet Maintenance	<i>Compliant</i>
5. Gold Park	<i>Compliant w/conditions</i>
6. Kings Highway Park	<i>Compliant</i>
7. Murry Street Park	<i>Compliant</i>
8. Museum	<i>Compliant w/conditions</i>
9. Old Landfill	<i>Compliant</i>
10. Police Department	<i>Compliant</i>
11. Public Parking	<i>Compliant</i>
12. Public Works	<i>Compliant</i>
13. Riverwalk	<i>Compliant</i>
14. Town Hall	<i>Compliant</i>
15. Town Hall Annex	<i>Compliant</i>
16. Turnip Patch Park	<i>Compliant</i>
17. Wastewater Treatment Plant	<i>Compliant</i>
18. Water Distribution	<i>Compliant w/conditions</i>
19. Water Tower (UNC Hospital) ⁸	<i>Compliant</i>
20. Water Treatment Plant	<i>Compliant</i>

As noted in the table all facilities were either *Compliant* or *Compliant with Conditions*. Of the five facilities that were *Compliant with Conditions*, all issues were minor and are expected to be addressed in early 2016. Follow up inspections of these facilities will be conducted in the spring and summer of 2016.

⁸ New facility added this year.

7.6.1 MS4 Maintenance

The Town of Hillsborough is responsible for maintaining the MS4 within Town street rights-of-way and Town owned properties. This is part of the services that the new stormwater utility funds. MS4 maintenance includes street sweeping on all curb and gutter streets, parking lot sweeping on town-owned property, maintaining and removing debris from catch basins within town streets, maintaining ditches along town maintained streets; all of which helps keep pollutants out of the MS4. Additionally, during the fall/winter the town removes leaves from streets, including those collected by citizens, which helps to reduce excess nutrients reaching the MS4 and local waterways. A summary of stormwater infrastructure maintenance is provided below.

MS4 Maintenance/Cleaning – 2016	
Number of Regular Roads/Parking Lot Cleanings	156 ⁹
Percentage of Storm Drains/Catch Basins Cleaned	2% ¹⁰
Amount of Trash/Debris/Sediment Removed	2,000 pounds
Amount of Ditches/Swales Maintained ¹¹	2,000 linear feet

7.6.2 Employee Training

Due to Stormwater and Environmental Services staff time constraints, no good housekeeping and stormwater pollution prevention training was provided to Town employees in 2016. However, with the implementation of a new stormwater management utility and associated fee, a new staff person will be added in early 2017. With two full time staff, training is expected to be provided annually in the future.

⁹ This number represents the number of roads cleaned monthly plus 12 parking lot cleanings that resulted in a total of 156 cleanings.

¹⁰ In the past year debris was removed from 11 catch basins; The percentage shown is based on an estimate of catch basins owned/maintained by the town. Currently the town is updating stormwater infrastructure mapping, including ownership information so that a more exact percentage can be reported. The target is to clean/maintain 10% of town-owned catch basins annually.

¹¹ In the past year, the town has begun documenting linear feet of ditches maintained, rather than estimating. This works may include removal of debris, removal of accumulated sediment, reshaping, revegetating, etc.