

City of Burleson

**TPDES Phase II Small MS4 General Permit TXR040000
Annual Report**

Permit No. TXR040062

**Permit Year One:
August 12, 2013 – September 30, 2014**



141 W. Renfro • Burleson, TX 76028

Table of Contents

Certification 2

A. General Information 3

B. SWMP Modifications and Additional Information 4

C. Narrative Provisions 4

D. Stormwater Management Program Status 8

1 – Public Education, Outreach and Involvement on Stormwater Impacts 10

2 – Illicit Discharge Detection and Elimination 19

3 – Construction Site Stormwater Runoff Control 23

4 – Post-Construction Stormwater Management in New Development and Redevelopment 26

5 – Pollution Prevention / Good Housekeeping for Municipal Operations 28

ATTACHMENT A – NCTCOG Public Education Activity Report

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 there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under 30 Texas Administrative Code §305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signed,

Dale Cheatham
City Manager
City of Burleson

Date

A. General Information

Permit #: TXR040062
 Annual Report Period: August 12, 2013 – September 30, 2014
 Name of Permittee / MS4: City of Burleson
 Mailing Address: 141 W. Renfro
Burleson, TX 76028
 Contact Person: David Lenartowicz
 Title: Environmental Specialist
 Telephone #: (817) 426-9842
 Email: dlenartowicz@burlesontx.com

Include a brief explanation if you check “Yes” to any of the following statements:

1. Is the named permittee relying on another entity/ies to satisfy some of its permit obligations? **Yes** No N/A

Implementation of ID-6, Septic Systems, relies upon an agreement between the City of Burleson and Tarrant County Public Health Department (TCPH).

Implementation of ID-7, Household Hazardous Waste, relies upon an interlocal agreement between the City of Burleson and the City of Fort Worth’s Environmental Collection Center to provide residential household hazardous waste collection.

The City of Burleson is a member of the North Central Texas Council of Governments (NCTCOG) Regional Stormwater Management Program. Some BMPs may utilize programs developed by the NCTCOG to help meet the requirements of the General Permit.

2. Is the named permittee sharing a SWMP with other entities? Yes **No** N/A

3. Is this a system-wide annual report including information for all permittees? Yes No **N/A**

4. Has a copy of this annual report been submitted to the TCEQ Regional Office? **Yes** No N/A
- A copy of this annual report has been submitted to the TCEQ Regional Office.

B. SWMP Modifications and Additional Information

Include a brief explanation if you check “Yes” to any of the following statements:

1. Changes have been made or are proposed to the SWMP since the NOI or the last annual report, including changes in response to TCEQ’s review. Yes **No** N/A
- If “Yes” to the above, has the TCEQ already approved the original SWMP? Yes No **N/A**
- If “Yes” to the above, indicate whether an NOC (or letter) has been submitted to document the changes to the approved SWMP as required by the general permit. (Note that if an NOC is required, it must be submitted to the address shown on the NOC. Do not attach the original NOC form to this report.) Yes No **N/A**
2. Has the MS4 annexed lands since obtaining permit coverage? Yes **No** N/A
3. A receiving water body is newly listed as impaired or a TMDL has been established. **Yes** No N/A
- Village Creek 0828A was added to the 303(d) list.
4. The MS4 has conducted analytical monitoring of stormwater quality? Yes **No** N/A

C. Narrative Provisions

1. Provide a brief description on the status of complying with permit conditions, including compliance with the SWMP that TCEQ approved, compliance with record keeping and reporting requirements, and compliance with permit eligibility requirements.
- The City of Burleson has completed the required self-assessment and has determined that the City is in compliance with all permit conditions. The City of Burleson is in compliance

with record keeping and reporting requirements, and compliance with permit eligibility requirements.

2. Provide a general assessment of the appropriateness of the selected BMPs. Has the permittee determined that any of the selected BMPs are not appropriate for reducing the discharge of pollutants in stormwater? Yes **No** N/A

3. Describe progress towards reducing the discharge of pollutants to the maximum extent practicable (MEP). Summarize any information used (such as monitoring data) to evaluate reductions in the discharge of pollutants.

See Section D. BMP Table column entitled, "Does the BMP reduce the discharge of pollutants?"

4. Provide a general evaluation of the program's progress, including any obstacles or challenges in meeting the SWMP schedule, etc.

The City of Burleson's Stormwater Management Program is progressing appropriately.

5. Provide the number of construction projects in the jurisdiction of the MS4 where the permittee was not the construction site operator (as provided in submittals to the MS4 operator via notices of intent or site notices).

There were 21 construction sites that fell under stormwater requirements in the City of Burleson during Permit Year One. During Permit Year One, the City of Burleson received 12 Notice of Intents and 6 Construction Site Notices.

6. Does the permittee utilize the 7th MCM related to construction? To answer "Yes," this must have been requested on the NOI or on an NOC and approved by the TCEQ. Yes **No** N/A

If Yes, then provide the following information:

The number of municipal construction activities authorized under this general permit: Yes No **N/A**

The total number of acres disturbed for municipal construction projects:

Yes No N/A

7. Requirements for Specific Minimum Control Measures (MCMs)

- a. For MCM 1 – Public Education, Outreach, and Involvement provide documentation of activities conducted and materials used to fulfill the requirements of this MCM.

During Permit Year One, the City of Burleson distributed public education and outreach materials related to stormwater. The materials are listed below:

- Texas SmartScape bookmarks
- DOO the Right Thing bookmarks
- Steps to Obtain Construction Permits for Stormwater Discharges (RG-436) brochures
- Stormwater Pollution Prevention Newsletter / Utility bill insert
- Pet waste dispensers and pledges
- Swimming pool water discharge flyer
- Lawn maintenance and stormwater flyer

- b. For MCM 1 – Provide documentation of the amount of resources used to address each group (e.g., visitors, businesses, etc.).

During Permit Year One, the City of Burleson distributed public education and outreach materials related to stormwater. The materials, their target audience, and their cost are listed below:

- Texas SmartScape bookmarks
 - Target Audience: Residents, Visitors
 - Cost: 1500 bookmarks for approximately \$150. During Permit Year One approximately 500 were dispensed to the public for \$50.
- Steps to Obtain Construction Permits for Stormwater Discharges (RG-436) brochures
 - Target Audience: Construction site personnel
 - Cost: Approximately 50 brochures at no cost
- Stormwater Pollution Prevention Newsletter / Utility bill insert

- Target Audience: Residents
 - Cost: 11,739 inserts for approximately \$1500
 - Pet waste dispensers and pledges
 - Target Audience: Residents
 - Cost: 250 pet waste dispensers were purchased in Permit year one. Permit year one spent \$500. Pet waste pledges were printed at minimal cost.
- c. For MCM 2 – Illicit Discharge Detection and Elimination (IDDE), include a synopsis of the changes to the SWMP that are necessary to meet any local controls, conditions and/or programs being established for non-stormwater discharges. Indicate if not applicable.

At this time, no changes to the SWMP are necessary to meet local controls, conditions, and/or programs being established for non-stormwater discharges.

In accordance with the requirements of the General Permit, the following non-stormwater discharges were assessed by the members Burleson's Stormwater Pollution Prevention Team during the development of the Stormwater Management Program. There is no knowledge of adverse impacts to the City's water quality from any of the listed discharges:

- (a) water line flushing;
- (b) runoff or return flow from landscape and irrigation, lawn irrigation, and other irrigation utilizing potable water, groundwater, or surface water sources;
- (c) discharges from potable water sources;
- (d) diverted stream flows;
- (e) rising ground waters and springs;
- (f) uncontaminated ground water infiltration;
- (g) uncontaminated pumped ground water;
- (h) foundation and footing drains;
- (i) air conditioning condensation;
- (j) water from crawl space pumps;
- (k) individual residential vehicle washing;
- (l) flows from wetlands and riparian habitats;

- (m) de-chlorinated swimming pool discharges;
- (n) street wash water;
- (o) discharges or flows from fire fighting activities (fire-fighting activities do not include washing of trucks, run-off water from training activities, test water from fire suppression systems, and similar activities), and
- (p) other similar occasional incidental non-stormwater discharges.

8. Other than the SWMP modifications indicated in Section B, describe any proposed changes to the SWMP in the coming reporting year.

There have been no changes to the SWMP during the year one reporting period.

9. Please describe any activities that are planned for the next permit year that has not already been described above.

The City of Burleson will develop a BMP designed to target the POC (bacteria) for impaired local water bodies.

D. Stormwater Management Program Status

On December 13, 2013, the Texas Commission on Environmental Quality (TCEQ) issued Texas Pollutant Discharge Elimination System (TPDES) General Permit No. TXR040000. In order to obtain coverage, the permit required regulated small municipal separate storm sewer systems (MS4s) to submit a notice of intent (NOI) and prepare a stormwater management program (SWMP).

In accordance with the TPDES permit requirements, the City of Burleson submitted a NOI and SWMP to the TCEQ in March 2014. The TCEQ authorized the City of Burleson MS4 general permit. The permit authorization number is TXR040062. The City of Burleson has elected to adopt a reporting period based on the fiscal year October 1 through September 30.

The City of Burleson's SWMP is a comprehensive program to manage the quality of discharges from the MS4. The SWMP was developed to reduce the discharge of pollutants to the maximum extent practicable (MEP), to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act and the Texas Water Code.

The SWMP includes the following 5 minimum control measures (MCMs):

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

To fulfill the requirements of each of the 5 MCMs, best management practices (BMPs) were selected. The BMPs include a schedule of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of “waters of the United States.”

Each BMP includes a time line that demonstrates a schedule for implementation throughout the permit term. The program will be completely implemented within five years of the issuance date of the general permit.

This section summarizes the best management practices (BMPs) the City utilized during Permit Year One: August 13, 2013 – September 30, 2014.

(This Section Intentionally Left Blank)

1 – Public Education, Outreach, and Involvement on Stormwater Impacts

BMP ID	BMP Name	Measurable Goal(s) for Permit Year One	Implementation Status For Permit Year One	Does the BMP reduce the discharge of pollutants to stormwater? (Yes, No, Explain)	Would you propose any changes for the next permit term?	Responsible Person / Department
PEI-1	UTILITY BILL INSERT	Include one educational flyer as a utility bill insert.	<u>Met goal?</u> Yes <u>Summary of activities:</u> 11,739 utility bill inserts were mailed to Burleson residents. <u>Start date / Completion date:</u> On-going	Yes Provides public education	No	David Lenartowicz Environmental Services
		Post the educational flyer on the City's web page.	<u>Met goal?</u> Yes <u>Summary of activities:</u> Utility bill insert was posted on the City's stormwater web page. <u>Start date / Completion date:</u> On-going	Yes Provides greater access to information to the public	No	David Lenartowicz Environmental Services
PEI-2	CITY FOCUS NEWSLETTER	Include two (2) articles per year in the <i>City Focus</i> newsletter.	<u>Met goal?</u> Yes <u>Summary of activities:</u> 2 articles were published in 2 "City Focus" newsletters during Year one <u>Start date / Completion date:</u> On-going	Yes Provides public education	No	David Lenartowicz Environmental Services Sally Ellertson Communications
PEI-3	BURLESON PARKS AND RECREATION COMMUNITY GUIDE	Include one (1) article per year in the <i>Burleson Parks and Recreation Community Guide</i> .	<u>Met goal?</u> Yes <u>Summary of activities:</u> 1 article was included in the <i>Burleson Parks and Recreation Community Guide</i> for Year One. <u>Start date / Completion date:</u> On-going	Yes Provides public education	No	David Lenartowicz Environmental Services
PEI-4	STORMWATER WEB PAGE	Document the number of visits to the stormwater web page.	<u>Met goal?</u> Yes <u>Summary of activities:</u> There were 63 visits to the stormwater web page.	Yes Provides greater access to	No	Sally Ellertson Information Technology

			To view the web page, visit www.burlesontx.com . <u>Start date / Completion date:</u> On-going	information to the public		
PEI-5	SOCIAL MEDIA ACCESS AND UTILIZATION	Disseminate information relating to stormwater issues and/or public participation opportunities on the City's social media sites.	<u>Met goal?</u> Yes <u>Summary of activities:</u> Stormwater programs have focused on the internet and social media as a means of educating the public. The City has posted 120 stormwater related posts on social media. <u>Start date / Completion date:</u> On-going	Yes Provides greater access to information to the public	Yes	Sally Ellertson Communications
PEI-6	PUBLIC REFERENCE	Maintain a list of educational materials made available at the City's public library.	<u>Met goal?</u> Yes <u>Summary of activities:</u> Approximately 500 Texas Smartscape and DOO the right thing bookmarks were made available at the City's public library. In addition, the public has access to government documents related to stormwater through the Library's online catalog. <u>Start date / Completion date:</u> On-going	Yes Provides greater access to information to the public	No	David Lenartowicz Environmental Services
PEI-7	SPECIAL EVENTS	Maintain a list of the special events where educational material is distributed.	<u>Met goal?</u> Yes <u>Summary of activities:</u> Educational materials were distributed during the following events: <ul style="list-style-type: none"> • September 21st 2013- The City of Burleson Trash Bash • October 1st 2013- National Night Out • October 12th 2013- Founders Day • October 17th 2013- HEB Safe 	Yes Provides access to disposal of stormwater contaminants and provides greater access to information to the public	No	David Lenartowicz Environmental Services

			<p>Kids Fair</p> <ul style="list-style-type: none"> • November 2nd 2013- Household Hazardous Waste Event • December 12th 2013- Teen Court Advisory Panel • January 21st 2014- Kiwanis Club Meeting • March 26th 2014- Stribling Elementary Presentation • April 22nd 2014- BEE Awards • April 25th 2014- Arbor Day Celebration • April 26th 2014- Great American Clean-up/Burleson Trash Bash • May 2nd 2014- Burleson Cinco de Mayo Celebration • May 3rd 2014- Household Hazardous Waste Event • May 31st 2014- Crazy 8 Ministries Event • June 30th 2014- Burleson Recreation Center Presentation • August 5th 2014- National Night Out • August 27th 2014- Edward Jones Coffee Club 			
--	--	--	---	--	--	--

			<p>Presentation</p> <ul style="list-style-type: none"> September 4th 2014- Teen SWAG Event September 12th 2014- Stribling Elementary Presentation September 20th 2014- Great American Clean-up/Burleson Trash Bash <p><u>Start date / Completion date:</u> On-going</p>			
PEI-8	ELECTED OFFICIAL EDUCATION	Document when council is provided with updates on the SWMP.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u> The Mayor and City Council members were provided with 4 updates on the stormwater management program during Permit Year One.</p> <p><u>Start date / Completion date:</u></p> <ul style="list-style-type: none"> September 16 2013, Council meeting. October 7, 2013 Council meeting April 21, 2014 Council meeting 2nd item on April 21, 2014 Council meeting <p><u>Start date / Completion date:</u> On-going</p>	Yes Provides greater knowledge of stormwater issues for municipal leaders	No	David Lenartowicz Environmental Services

PEI-9	BUSINESS EDUCATION	Maintain a list of businesses to which educational materials were distributed.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u> Best Management Practices mini-poster/flyer was mailed to 88 pool contractors who have done work in the City of Burleson.</p> <p><u>Start date / Completion date:</u> On-going</p>	Yes Helps to minimize stormwater pollution	No	David Lenartowicz Environmental Services
PEI-10	PRESENTATIONS	Maintain a list of presentations that were given on stormwater impacts.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u> 20 presentations were made during Permit Year One.</p> <p><u>Start date / Completion date:</u> On-going</p>	Yes Provides education to the public on stormwater issues	No	David Lenartowicz Environmental Services
PEI-11	CONTRACTOR EDUCATION	Make educational materials on stormwater related issues available to construction site contractors. Document the number and type of materials made available.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u></p> <ul style="list-style-type: none"> • <i>Steps to Obtain Construction Permits for Stormwater Discharges</i> (RG-43one) brochures were made available at the permit desk at City Hall. • <i>25 Steps to Obtain Construction Permits for Stormwater Discharges</i> (RG-436) 7 brochures were handed out in the field by the City's engineering division. <p><u>Start date / Completion date:</u> On-going</p>	Yes Educates construction workers on steps to reduce stormwater pollution	No	Michelle McCullough Engineering Services Bradley Ford Community Development
PEI-12	PRINTED MATERIAL	Make printed materials about stormwater issues available at designated city facilities. Document the number and type of materials	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u></p> <ul style="list-style-type: none"> • An estimated 500 Texas SmartScape bookmarks were made available at the City's public library and senior center. • An estimated 50 <i>Steps to Obtain Construction Permits for</i> 	Yes Provides greater access to the public on stormwater issues	No	David Lenartowicz Environmental Services

		distributed to those facilities.	<p><i>Stormwater Discharges</i> (RG-436) brochures were made available at the permit desk at City Hall.</p> <ul style="list-style-type: none"> • An estimated 50 Swimming Pool Water Discharge flyers were made available at the City Service Center. • An estimated 200 pet waste dispensers were distributed and 111 pledges were taken by Animal Services to people who adopt a dog. <p><u>Start date / Completion date:</u> On-going</p>			
PEI-13	PUBLIC EDUCATION TASK FORCE	Document participation in the PETF.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u> Environmental services personnel participated in the PETF during Permit Year One. The PETF met 5 times during Permit Year One.</p> <p><u>Start date / Completion date:</u> On-going</p>	Yes Guides city staff in how to best manage permit and provides material cost sharing	No	David Lenartowicz Environmental Services

PEI-14	PUBLIC NOTICE OF MEETINGS	Verify that the City council meetings comply with public notice requirements and include that information in annual reports to the TCEQ.	<u>Met goal?</u> Yes <u>Summary of activities:</u> The City of Burleson is in compliance with Texas Government Code § 551.043. <u>Start date / Completion date:</u> On-going	No This is an administrative BMP.	No	Amanda McCrory City Secretary
PEI-15	PUBLISH NOTICE	Publish notice of the executive director's preliminary determination in the Burleson Star within 30 days after being notified by the TCEQ Office of Chief Clerk, including information about public comment and public meeting request.	<u>Met goal?</u> Yes <u>Summary of activities:</u> The City of Burleson published notice of the executive director's preliminary determination in the <i>Burleson Star</i> within 30 days after being notified by the TCEQ Office of Chief Clerk. <u>Start date / Completion date:</u> Notice was published on Sunday, August 17 th 2014.	No This is an administrative BMP.	No	David Lenartowicz Environmental Services
PEI-16	STORMWATER REPORTING TELEPHONE NUMBER	Maintain a telephone number for the receipt and consideration of public comments or complaints regarding stormwater issues. Report the # of calls received.	<u>Met goal?</u> Yes <u>Summary of activities:</u> Environmental Services received 52 phone calls involving stormwater related complaints during Permit Year One. <u>Start date / Completion date:</u> On-going	Yes Provides a means for the public to report stormwater violations	No	David Lenartowicz Environmental Services
PEI-17	LARGE ANIMAL OWNER LIST	Create list of large animal owners to distribute educational materials	<u>Met goal?</u> Yes <u>Summary of activities:</u> There are no requirements for this BMP during Permit Year One. <u>Start date / Completion date:</u> On-going	Yes Reminds public of stormwater issues	No	Kim Peckler Animal Shelter
PEI-18	CLEANUPS	Host at least one litter	<u>Met goal?</u> Yes	Yes	No	David Lenartowicz

		pick up event per year.	<p><u>Summary of activities:</u> <i>The City of Burleson, in conjunction with Keep Burleson Beautiful, hosted 3 cleanup events including:</i></p> <ul style="list-style-type: none"> <i>The Burleson Trash Bash (9/21/2013);</i> <i>Burleson's Great American Cleanup/Don't Mess with Texas Trash-Off (4/26/2014).</i> <i>The Burleson Trash Bash (9/20/2014).</i> <p><u>Start date / Completion date:</u> See summary for dates</p>	Gives access to the public to dispose of help clean areas before they become stormwater issues		Environmental Services
		Document the number of participants and the estimated pounds of litter and debris removed.	<p><u>Met goal?</u> Yes <u>Summary of activities:</u></p> <ul style="list-style-type: none"> Approximately 373 volunteers removed 3800 pounds of litter and debris during Burleson's Trash Bash (9/21/2013). Approximately 207 volunteers removed 3600 pounds of litter and debris during Burleson's Great American Cleanup Don't Mess With Texas Trash-Off (4/26/2014). Approximately 307 volunteers removed 3880 pounds of litter and debris during Burleson's Trash Bash (9/20/2014). <p><u>Start date / Completion date:</u> See summary for dates</p>	Yes Provides a means of tracking progress and setting goals	No	David Lenartowicz Environmental Services

PI-19	ADOPT-A-STREET	Document program activities.	<u>Met goal?</u> Yes <u>Summary of activities:</u> 3 adoption agreements were active during Permit Year One. <u>Start date / Completion date:</u> On-going	Yes Allows for public involvement	No	David Lenartowicz Environmental Services
-------	----------------	------------------------------	--	--------------------------------------	----	---

2 – Illicit Discharge Detection and Elimination

BMP ID	BMP Name	Measurable Goal(s) for Permit Year One	Implementation Status for Permit Year One	Does the BMP reduce the discharge of pollutants to stormwater? (Yes, No, Explain)	Would you propose any changes?	Responsible Person / Department
ID-1	IDDE PROGRAM	Implement the IDDE program.	<p><i>Met goal? Yes</i> <i>Summary of activities:</i> The Illicit Discharge Detection and Elimination (IDDE) Program was implemented during Permit Year One. The IDDE program provides an overview of the processes used by the City of Burleson to detect and eliminate illicit discharges to the storm sewer conveyance system. The following are measurable components of the IDDE program:</p> <ul style="list-style-type: none"> • Documentation or review and/or updates to the Burleson Code of Ordinances (see ID-2); • Document updates to the storm sewer map (see ID-9); • Number of illicit discharge investigations (see ID-4); • Documentation of the inspection and maintenance of the sanitary sewer system (see ID-5); • Number of on-site sewage facility applications, complaints, and enforcement actions (see ID-6); • Number of households utilizing the household hazardous waste program (see ID-7); 	Yes Allows for tracking and investigation of illicit discharges into the stormwater system.	No	David Lenartowicz Environmental Services

			<ul style="list-style-type: none"> Number of illegal dumping investigations (see ID-8); <u>Start date / Completion date:</u> On-going.			
		Document revisions.	<u>Met goal?</u> Yes <u>Summary of activities:</u> No revisions were made to the IDDE program during Permit Year One. <u>Start date / Completion date:</u> N/A	Yes Allows for tracking and investigation of illicit discharges into the stormwater system.	No	David Lenartowicz Environmental Services
ID-2	ILLICIT DISCHARGE ORDINANCE	Record applicable ordinances.	<u>Met goal?</u> Yes <u>Summary of activities:</u> The following ordinance(s) are applicable to illicit discharge detection and elimination: <ul style="list-style-type: none"> Burleson Code of Ordinances Chapter 82, Section IV, "Stormwater Pollution Control" <u>Start date / Completion date:</u> Burleson Code of Ordinances Chapter 82, Section IV, "Stormwater Pollution Control" became effective on August 10, 2000.	Yes Allows legal penalties for discharge into stormwater system.	No	David Lenartowicz Environmental Services
		Document review and revisions.	<u>Met goal?</u> Yes <u>Summary of activities:</u> No revisions were made to Burleson Code of Ordinances Chapter 82, Section IV, "Stormwater Pollution Control" during Permit Year One. <u>Start date / Completion date:</u> On-going	Yes Allows legal penalties for discharge into stormwater system.	No	David Lenartowicz Environmental Services
ID-3	ILLICIT DISCHARGE PLAN REVIEW	Document number of plans reviewed.	<u>Met goal?</u> Yes <u>Summary of activities:</u> 21 plans were reviewed by staff for illicit connections.	Yes Ensures plans reduce illicit	No	Bradley Ford Community Development

			<u>Start date / Completion date:</u> On-going	discharges.		
ID-4	ILLICIT DISCHARGE INVESTIGATIONS	Document number of illicit discharge investigations conducted.	<u>Met goal?</u> Yes. <u>Summary of activities:</u> 20 illicit discharge investigations were conducted by Environmental Services during Permit Year One. <u>Start date / Completion date:</u> On-going	Yes Ensures penalties for violations.	No	David Lenartowicz Environmental Services
ID-5	SANITARY SEWER OVERFLOW (SSO)	Document inspection and maintenance of the sanitary sewer system.	<u>Met goal?</u> Yes <u>Summary of activities:</u> <ul style="list-style-type: none"> 1,515,509 feet of the sanitary sewer system were cleaned during Permit Year One. 128,943 feet of the sanitary sewer system were videoed during Permit Year One. <u>Start date / Completion date:</u> On-going	Yes Prevents Sanitary sewer overflow into stormwater system	No	Kevin North Public Works
ID-6	SEPTIC SYSTEMS	Document the number of applications received, the number of complaint activities and/or reported violations, and the number and types of enforcement actions taken.	<u>Met goal?</u> Yes <u>Summary of activities:</u> The following action was taken regarding on-site sewage facilities during Permit Year One: <ul style="list-style-type: none"> 9 permit applications received and approved; 8 complaint investigations; and 7 enforcement action. <u>Start date / Completion date:</u> On-going	Yes Prevents Sanitary sewer overflow into stormwater system	No	David Lenartowicz Environmental Services
ID-7	HOUSEHOLD HAZARDOUS WASTE	Document the number of households that utilize the household hazardous waste collection program each year.	<u>Met goal?</u> Yes <u>Summary of activities:</u> 473 residents utilized the household hazardous waste disposal program between September 2013 and October 2014. <u>Start date / Completion date:</u>	Yes Prevents disposal of chemical into stormwater system	No	David Lenartowicz Environmental Services

			September 2013 – October 2014			
ID-8	ILLEGAL DUMPING	Document the number of investigations conducted each year relating to illegal dump sites and waste dumped illegally down storm drains.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u></p> <ul style="list-style-type: none"> • Code compliance investigated 14 cases regarding illegal dumping. • The Burleson Police Department investigated 11 reports of illegal dumping. <p><u>Start date / Completion date:</u> On-going</p>	Yes Prevents potential stormwater violations	No	<p>Lisa Duello Neighborhood Services</p> <p>Lisa Cauthern Burleson PD</p>
ID-9	STORM SEWER MAP	Document updates to the City's storm sewer system map.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u> The City's storm sewer map includes:</p> <ul style="list-style-type: none"> • 247,746 ft. enclosed pipe; • 14,736 ft. culvert; • 310 manholes; • 1657 inlets; • 311 discharge points; • 112,969 ft. open channel; and • 142,418 ft. natural waterway. <p><u>Start date / Completion date:</u> On-going</p>	Yes Highlights areas that may require attention	No	Troy Meyers GIS

3 – Construction Site Stormwater Runoff Control

BMP ID	BMP Name	Measurable Goal(s) for Permit Year One	Implementation Status for Permit Year One	Does the BMP reduce the discharge of pollutants to stormwater? (Yes, No, Explain)	Would you propose any changes?	Responsible Person / Department
C-1	EROSION AND SEDIMENT CONTROL ORDINANCE	Record applicable ordinances.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u> The following ordinance(s) are applicable to erosion and sediment control:</p> <ul style="list-style-type: none"> • Burleson Code of Ordinances Chapter 82, Section IV, "Stormwater Pollution Control" • Subdivision and Development Ordinance <p><u>Start date / Completion date:</u></p> <ul style="list-style-type: none"> • Burleson Code of Ordinances Chapter 82, Section IV, "Stormwater Pollution Control" became effective on 8/10/2000. • The Subdivision and Development Ordinance became effective on November one, 2008. 	Yes Allows for enforcement of erosion controls	No	David Lenartowicz Environmental Services
		Document review and revisions (if any) of ordinances.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u></p> <ul style="list-style-type: none"> • No revisions were made to Burleson Code of Ordinances Chapter 82, Section IV, "Stormwater Pollution Control" during Permit Year One. • The Subdivision and Development Ordinance became effective on November one, 2008. 	Yes Allows for enforcement of erosion controls	No	David Lenartowicz Environmental Services

			<u>Start date / Completion date:</u> On-going			
C-2	CONSTRUCTION PLAN REVIEW	Document number of plans reviewed.	<u>Met goal?</u> Yes <u>Summary of activities:</u> 21 plans were reviewed for sediment and erosion control during Permit Year One. <u>Start date / Completion date:</u> On-going	Yes Ensures erosion control measures are adequate.	No	Michelle McCullough Engineering Services
		Document number of Construction Site Notices and Notice of Intents received.	<u>Met goal?</u> Yes <u>Summary of activities:</u> 12 NOIs and 6 CSNs were received during Permit Year One. <u>Start date / Completion date:</u> On-going	Yes Notifies city of construction sites.	No	Michelle McCullough Engineering Services
C-3	GRADING OPERATIONS	Document number of plans reviewed.	<u>Met goal?</u> Yes <u>Summary of activities:</u> 21 grading plans were reviewed during Permit Year One. <u>Start date / Completion date:</u> On-going	Yes Ensures erosion control measures are adequate	No	Michelle McCullough Engineering Services
		Document number of permits issued.	<u>Met goal?</u> Yes <u>Summary of activities:</u> 21 grading permits were issued during Permit Year One. <u>Start date / Completion date:</u> On-going	Yes Ensures erosion control measures are adequate	No	Michelle McCullough Engineering Services
C-4	CONSTRUCTION SITE INSPECTION AND ENFORCEMENT	Document number of inspections.	<u>Met goal?</u> Yes <u>Summary of activities:</u> <ul style="list-style-type: none"> • Engineering Services personnel conducted 802 inspections. • Environmental Services conducted 131 inspections and issued 10 warnings, 23 NOV's, and 5 citations. 	Yes Ensures erosion control measures are adequate	No	Bradley Ford Community Development Todd House Engineering Services

			<u>Start date / Completion date:</u> On-going			
C-5	CITY INSPECTOR TRAINING	Document inspector training.	<u>Met goal?</u> Yes <u>Summary of activities:</u> <ul style="list-style-type: none"> According to BMP C-5, municipal construction site erosion control inspectors will be trained at a minimum of once every three (3) years. New inspectors will be trained within twelve (12) months of their start date. During Permit Year One, 3 of the construction site inspectors received training. The inspectors are within the requirements set forth by this BMP. <u>Start date / Completion date:</u> On-going	Yes Ensures staff are aware of proper erosion control installation	No	Bradley Ford Community Development Todd House Engineering Services
C-6	DESIGN MANUAL	Document review and revisions (if any) to design standards manual.	<u>Met goal?</u> Yes <u>Summary of activities:</u> No revisions were made during Permit Year One. <u>Start date / Completion date:</u> N/A	Yes Allows for changes that improve stormwater quality	No	Michelle McCullough Engineering Services
C-7	RECEIPT AND CONSIDERATION OF INFORMATION SUBMITTED BY THE PUBLIC	Verify implementation of BMPs PEI-16 and ID-1.	<u>Met goal?</u> Yes <u>Summary of activities:</u> <ul style="list-style-type: none"> PEI-16 is on track with SWMP goals. ID-1 is on track with SWMP goals. <u>Start date / Completion date:</u> N/A	Yes Allows for public to present solutions to stormwater issues.	No	David Lenartowicz Environmental Services

4 – Post-Construction Stormwater Management in New Development and Redevelopment

BMP ID	BMP Name	Measurable Goal(s) for Permit Year One	Implementation Status for Permit Year One	Does the BMP reduce the discharge of pollutants to stormwater? (Yes, No, Explain)	Would you propose any changes?	Responsible Person / Department
PC-1	POST-CONSTRUCTION ORDINANCE	Record applicable ordinances.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u> The following ordinance(s) are applicable to erosion and sediment control:</p> <ul style="list-style-type: none"> Burleson Code of Ordinances Chapter 82, Section IV, "Stormwater Pollution Control" Subdivision and Development Ordinance <p><u>Start date / Completion date:</u></p> <ul style="list-style-type: none"> Burleson Code of Ordinances Chapter 82, Section IV, "Stormwater Pollution Control" became effective on 8/10/2000. The Subdivision and Development Ordinance became effective on November one, 2008 	Yes Allows for tracking, investigation, and enforcement of construction discharges into the stormwater system.	No	David Lenartowicz Environmental Services
		Document review and revisions (if any) of ordinances.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u></p> <ul style="list-style-type: none"> No revisions were made to Burleson Code of Ordinances Chapter 82, Section IV, "Stormwater Pollution Control" during Permit Year One. The Subdivision and Development Ordinance became effective on November one, 2008. 	Yes Allows inspectors to ensure long term stability of sediment	No	Michelle McCullough Engineering Services

			<u>Start date / Completion date:</u> On-going			
PC-2	POST-CONSTRUCTION PLAN REVIEW	Document number of plans reviewed.	<u>Met goal?</u> Yes <u>Summary of activities:</u> 21 plans were reviewed for sediment and erosion control during Permit Year One. <u>Start date / Completion date:</u> On-going	Yes Ensures erosions controls are installed and effective	No	Michelle McCullough Engineering Services
PC-3	DESIGN MANUAL	Document review and revisions (if any) to design standards manual.	<u>Met goal?</u> Yes <u>Summary of activities:</u> No revisions were made during Permit Year One. <u>Start date / Completion date:</u> N/A	Yes Allows for changes that improve stormwater quality	No	Michelle McCullough Engineering Services

ADDITIONAL POST-CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT ACTIVITIES

Long-term operation and maintenance of BMPs

The City's design standards manual places the responsibility of long-term operation and maintenance of BMPs on the owner, except where the BMP falls within a public drainage easement or right-of-way.

5 – Pollution Prevention / Good Housekeeping for Municipal Operations

BMP ID	BMP Name	Measurable Goal(s) for Permit Year One	Implementation Status for Permit Year One	Does the BMP reduce the discharge of pollutants to stormwater? (Yes, No, Explain)	Would you propose any changes?	Responsible Person / Department
GH-1	LANDSCAPE MANAGEMENT	Implement the landscape management plan.	<u>Met goal?</u> Yes <u>Summary of activities:</u> A Stormwater Pollution Prevention Plan for City operations, including landscape management, was reviewed and several departments are working with Environmental Services to update the existing plan. <u>Start date / Completion date:</u> On-Going	Yes Ensures BMP's for landscaping contribute to the protection of the stormwater system	No	David Lenartowicz Environmental Services
GH-2	STREET SWEEPING	Document miles of roadway cleaned.	<u>Met goal?</u> Yes <u>Summary of activities:</u> 463 lane miles of streets were swept during Permit Year One. <u>Start date / Completion date:</u> On-going	Yes Prevents road debris from entering the stormwater system	No	Rey Gonzales Public Works
GH-3	ROAD SAND STORAGE AND APPLICATION	Fully implement changes to road sand storage and application procedures, including structural and non-structural controls, if any are necessary.	<u>Met goal?</u> Yes <u>Summary of activities:</u> There is no activity required for this BMP during permit year one. <u>Start date / Completion date:</u> N/A	Yes Ensures municipal projects minimize stormwater impact.	No	Rey Gonzales Public Works
GH-4	STORM SEWER CLEANING	Document storm sewer cleaning activities.	<u>Met goal?</u> Yes <u>Summary of activities:</u> 6,228 linear feet of open drainage were maintenance during Permit Year one. <u>Start date / Completion date:</u>	Yes Sewer Maintenance prevents overflows into stormwater	No	Rey Gonzales Public Works

			On-going	system		
GH-5	EQUIPMENT MAINTENANCE	Implement a management plan for structural and/or non-structural controls (if necessary).	<p><u>Met goal?</u> Yes <u>Summary of activities:</u> A Stormwater Pollution Prevention Plan was created for City operations, including Equipment Services, during Permit Year Four of the previous permit. During year one of the current permit, Environmental Services is reviewing and revising the Facilities management plan.</p> <p><u>Start date / Completion date:</u> On-going.</p>	Yes Ensures Equipment services minimizes stormwater impact	No	David Lenartowicz Environmental Services
GH-6	EMPLOYEE TRAINING	Year 1 and 2 Develop curriculum.	<p><u>Met goal?</u> Yes <u>Summary of activities:</u> 0 employees in Public Works were trained during Permit Year One. Environmental Services is currently developing a stormwater training curriculum.</p> <p><u>Start date / Completion date:</u> August 8th 2012</p>	Yes Ensures staff are aware of stormwater issues	No	David Lenartowicz Environmental Services.
GH-7	MATERIAL MANAGEMENT	Implement a plan for responsible material management.	<p><u>Met goal?</u> Yes <u>Summary of activities:</u> A Stormwater Pollution Prevention Plan was created for City operations including Facilities Maintenance, Equipment Maintenance, Parks Maintenance, and Golf Course Maintenance. All of the SWPPPs included best management practices for material management.</p> <p><u>Start date / Completion date:</u> On-going</p>	Yes Minimizes the City's impact on stormwater system	No	David Lenartowicz Environmental Services.
GH-8	BACTERIAL CONTRIBUTION	Evaluate the extent that the City of	<p><u>Goal met?</u> Yes <u>Summary of activities:</u></p>	Yes Ensures the	Yes Create new	David Lenartowicz Environmental

		<p>Burleson MS4 contributes POC to impaired waters at a level of concern. Specifically Bacteria.</p>	<p>During Permit Year One the City of Burleson found historical data available is not adequate to determine the extent of the City of Burleson's MS4 contribution of bacteria into impaired waters. It is also not economically feasible to conduct water quality studies. The City of Burleson will assume that the MS4 does contribute bacteria to impaired water bodies that may or may not reach a level of concern. The City of Burleson will develop a focused BMP to target bacterial contribution and file a NOC during year 2 to meet the requirements of the Permit. <u>Start date / Completion date:</u> On-going</p>	<p>City of Burleson actively works to decrease contribution of bacteria into impaired waters</p>	<p>BMP and file NOC during permit year two</p>	<p>Services.</p>
--	--	--	--	--	--	-------------------------