

City of Burleson

TPDES Phase II Small MS4 General Permit TXR040000 Annual Report

Permit No. TXR040062

Permit Year Six**
October 1, 2018 – September 30, 2019



141 W. Renfro • Burleson, TX 76028

** Continued reporting from previous permit, new SWMP
not yet approved

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,

Bryan Langley
City Manager
City of Burleson

Date

A. General Information

Permit #: TXR040062
Annual Report Period: October 1, 2018 – September 30, 2019
Name of Permittee / MS4: City of Burleson
Mailing Address: 141 W. Renfro
Burleson, TX 76028
Contact Person: Mitchell Carpenter
Title: Environmental Specialist
Telephone #: (817) 426-9842
Email: mcarpenter@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 | <u>N/A</u> |
| 4. | Has a copy of this annual report been submitted to the TCEQ Regional Office? | <u>Yes</u> | 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. | <u>Yes</u> | No | N/A |
|----|---|------------|----|-----|

If "Yes" to the above, has the TCEQ already approved the original SWMP?	<u>Yes</u>	No	N/A
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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.)	<u>Yes</u>	No	N/A
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A NOC was filed to meet the requirements of the GH-8 BMP for bacterial contribution.

- | | | | | |
|----|--|------------|----|-----|
| 2. | Has the MS4 annexed lands since obtaining permit coverage? | <u>Yes</u> | No | N/A |
|----|--|------------|----|-----|

The City of Burleson annexed 35.76 acres in permit year six.

- | | | | | |
|----|--|------------|----|-----|
| 3. | A receiving water body is newly listed as impaired or a TMDL has been established. | <u>Yes</u> | No | N/A |
|----|--|------------|----|-----|

Village Creek 0828A was added to the 303(d) list in permit year three.

- | | | | | |
|----|--|-----|-----------|-----|
| 4. | The MS4 has conducted analytical monitoring of stormwater quality? | Yes | <u>No</u> | 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 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. 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 Six, 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 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 firefighting 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 other changes to the SWMP during the year six 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 continue activities outlined in the SWMP.

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 Six: October 30, 2018 – September 30, 2019.

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.	<i>Met goal?</i> Yes <i>Summary of activities:</i> 10,700 utility bill inserts were mailed to Burleson residents in September of Permit Year Six. <i>Start date / Completion date:</i> On-going	Yes Provides public education	No	Mitchell Carpenter Environmental Services
		Post the educational flyer on the City's web page.	<i>Met goal?</i> Yes <i>Summary of activities:</i> Utility bill insert is posted on the City's stormwater web page. <i>Start date / Completion date:</i> On-going	Yes Provides greater access to information to the public	No	Mitchell Carpenter Environmental Services
PEI-2	CITY FOCUS NEWSLETTER	Include two (2) articles per year in the <i>City Focus</i> newsletter. Comment: <i>City Focus</i> has changed to <i>City Weekly</i> Newsletter	<i>Met goal?</i> Yes <i>Summary of activities:</i> 12 articles were published in <i>City Weekly</i> newsletters during Year Six <i>Start date / Completion date:</i> On-going	Yes Provides public education	No	Mitchell Carpenter Environmental Services DeAnna Phillips 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> .	<i>Met goal?</i> Yes <i>Summary of activities:</i> 2 articles were included in the <i>Burleson Parks and Recreation Community Guide</i> for Year six.	Yes Provides public education	No	Mitchell Carpenter Environmental Services

			<u>Start date / Completion date:</u> On-going			
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> Visits to Stormwater web page were under 200. To view the web page, visit www.burlesontx.com . <u>Start date / Completion date:</u> On-going	Yes Provides greater access to information to the public	No	DeAnna Phillips Communications
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 more than 20 stormwater related posts on social media. <u>Start date / Completion date:</u> On-going	Yes Provides greater access to information to the public	Yes	DeAnna Phillips 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 1000 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	Mitchell Carpenter 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"> 9/15/2018- Burleson Trash 	Yes Provides access to disposal of stormwater contaminants and	No	Mitchell Carpenter Environmental Services

			<p>Bash</p> <ul style="list-style-type: none"> 6/29/19- Heritage day Russel Farms (JCGCD) 5/16/19- Burleson ECO (Employee litter cleanup) 4/27/19- Household Hazardous Waste Event 4/6/18- Burleson Spring Trash Bash 11/10/18- Household Hazardous Waste Event 11/2/18 Pioneer Day at Russel Farm 10/2/18- National Night Out <p><u>Start date / Completion date:</u> On-going</p>	provides greater access to information to the public		
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 1 updates on the stormwater management program during Permit Year Six</p> <p><u>Start date / Completion date:</u></p> <ul style="list-style-type: none"> March 14, 2019 Council meeting <p><u>Start date / Completion date:</u> On-going</p>	Yes Provides greater knowledge of stormwater issues for municipal leaders	No	Mitchell Carpenter 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> Contractor stormwater education was handed out to 15 construction companies operating in the City of Burleson.</p> <p><u>Start date / Completion date:</u> On-going</p>	Yes Helps to minimize stormwater pollution	No	Mitchell Carpenter 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> 2 presentations were made during Permit Year Six.</p> <ul style="list-style-type: none"> 6/29/19 Johnson County Groundwater Conservation District – Heritage day at Russel farm 11/2/18 Johnson County Groundwater Conservation District – Pioneer Day at Russel farm <p><u>Start date / Completion date:</u> On-going</p>	Yes Provides education to the public on stormwater issues	No	Mitchell Carpenter 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"> 15 - Erosion control and waste management educational trifold handed out with correction notices. <i>Steps to Obtain Construction Permits for Stormwater Discharges</i> (RG-436) brochures were made available 	Yes Educates construction workers on steps to reduce stormwater pollution	No	Michelle McCullough Engineering Services Mandy Clark Community Development

			<p>at the permit desk at City Hall.</p> <ul style="list-style-type: none"> • 18 - Steps to Obtain Construction Permits for Stormwater Discharges (RG-436) additional brochures were handed out in the field by the City's engineering division. <p><u>Start date / Completion date:</u> On-going</p>			
PEI-12	PRINTED MATERIAL	Make printed materials about stormwater issues available at designated city facilities. Document the number and type of materials distributed to those facilities.	<p><u>Met goal?</u> Yes <u>Summary of activities:</u></p> <ul style="list-style-type: none"> • An estimated 1000 Texas SmartScape, and Doo your duty bookmarks were made available at the City's public library and senior center. • An estimated 18 <i>Steps to Obtain Construction Permits for Stormwater Discharges</i> (RG-436) brochures were made available at the permit desk at City Hall. • An estimated 25 Swimming Pool Water Discharge flyers were made available at the City Service Center. • An estimated 75 pet waste dispensers were distributed. <p><u>Start date / Completion date:</u> On-going</p>	Yes Provides greater access to the public on stormwater issues	No	Mitchell Carpenter Environmental Services
PEI-13	PUBLIC EDUCATION TASK FORCE	Document participation in the PETF.	<p><u>Met goal?</u> Yes <u>Summary of activities:</u> Environmental services personnel participated in the PETF. The PETF</p>	Yes Guides city staff in how to best	No	Mitchell Carpenter Environmental Services

			met 4 times during Permit Year Six. <u>Start date / Completion date:</u> On-going	manage permit and provides material cost sharing		
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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	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	Mitchell Carpenter 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 more than 123 phone calls involving stormwater related complaints during Permit Year Six. <u>Start date / Completion date:</u> On-going	Yes Provides a means for the public to report stormwater violations	No	Mitchell Carpenter Environmental Services

PEI-17	LARGE ANIMAL OWNER LIST	Create list of large animal owners to distribute educational materials	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u> The requirements for this BMP during Permit Year SIX have been met.</p> <p><u>Start date / Completion date:</u> On-going</p>	Yes Reminds public of stormwater issues	No	Kim Peckler Animal Shelter
PEI-18	CLEANUPS	Host at least one litter pick up event per year.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u> The City of Burleson, in conjunction with Keep Burleson Beautiful, hosted 3 cleanup events including:</p> <ul style="list-style-type: none"> • Burleson's Great American Cleanup/Don't Mess with Texas Trash-Off (4/6/2019). • Employee Cleanup Operation (5/16/2019) • The Burleson Trash Bash (9/14/2019). <p><u>Start date / Completion date:</u> See summary for dates</p>	Yes Gives access to the public to dispose of help clean areas before they become stormwater issues	No	Mitchell Carpenter Environmental Services
		Document the number of participants and the estimated pounds of litter and debris removed.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u></p> <ul style="list-style-type: none"> • Approximately 61 volunteers removed 600 pounds of litter and debris during Burleson's Great American/Cleanup Don't Mess With Texas Trash-Off (4/6/2019). • 40 employees removed over 	Yes Provides a means of tracking progress and setting goals	No	Mitchell Carpenter Environmental Services

			<p>1000 pounds of litter during Burleson's 1st Employee Cleanup Operation (5/16/2019)</p> <ul style="list-style-type: none"> Approximately 323 volunteers removed 4700 pounds of litter and debris during Burleson's Trash Bash (9/14/2019). <p><u>Start date / Completion date:</u> See summary for dates</p>			
PEI-19	ADOPT-A-STREET	Document program activities.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u> 0 adoption agreements were active during Permit Year Six.</p> <p><u>Start date / Completion date:</u> On-going</p>	Yes Allows for public involvement	No	Mitchell Carpenter 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?</i> Yes <i>Summary of activities:</i> The Illicit Discharge Detection and Elimination (IDDE) Program was implemented during Permit Year Three. 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 	<p>Yes Allows for tracking and investigation of illicit discharges into the stormwater system.</p>	No	<p>Mitchell Carpenter Environmental Services</p>

			<p>actions (see ID-6);</p> <ul style="list-style-type: none"> • Number of households utilizing the household hazardous waste program (see ID-7); • Number of illegal dumping investigations (see ID-8); <p><u>Start date / Completion date:</u> On-going.</p>			
		Document revisions.	<p><u>Met goal?</u> Yes <u>Summary of activities:</u> No revisions were made to the IDDE program during Permit Year Six. <u>Start date / Completion date:</u> N/A</p>	Yes Allows for tracking and investigation of illicit discharges into the stormwater system.	No	Mitchell Carpenter Environmental Services
ID-2	ILLICIT DISCHARGE ORDINANCE	Record applicable ordinances.	<p><u>Met goal?</u> Yes <u>Summary of activities:</u> The following ordinance(s) are applicable to illicit discharge detection and elimination:</p> <ul style="list-style-type: none"> • Burleson Code of Ordinances Chapter 82, Section IV, "Stormwater Pollution Control" <p><u>Start date / Completion date:</u> Burleson Code of Ordinances Chapter 82, Section IV, "Stormwater Pollution Control" became effective on August 10, 2000.</p>	Yes Allows legal penalties for discharge into stormwater system.	No	Mitchell Carpenter Environmental Services
		Document review and revisions.	<p><u>Met goal?</u> Yes <u>Summary of activities:</u> No revisions were made to Burleson Code of Ordinances Chapter 82,</p>	Yes Allows legal penalties for discharge	No	Mitchell Carpenter Environmental Services

			Section IV, and Stormwater Pollution Control during Permit Year Six. <u>Start date / Completion date:</u> On-going	into stormwater system.		
ID-3	ILLICIT DISCHARGE PLAN REVIEW	Document number of plans reviewed.	<u>Met goal?</u> Yes <u>Summary of activities:</u> 18 plans were reviewed by staff for illicit connections. <u>Start date / Completion date:</u> On-going	Yes Ensures plans reduce illicit discharges.	No	Mandy Clark Community Development
ID-4	ILLICIT DISCHARGE INVESTIGATIONS	Document number of illicit discharge investigations conducted.	<u>Met goal?</u> Yes. <u>Summary of activities:</u> 40 illicit discharge investigations were conducted by Environmental Services during Permit Year Six. <u>Start date / Completion date:</u> On-going	Yes Ensures penalties for violations.	No	Mitchell Carpenter 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"> • 520,331 feet of the sanitary sewer system were cleaned during Permit Year Six. • 245,815 feet of the sanitary sewer system were videoed during Permit Year Six. <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	<u>Met goal?</u> Yes <u>Summary of activities:</u> The following action was taken regarding on-site sewage facilities during Permit Year Six: <ul style="list-style-type: none"> • 10 permit applications received and approved; 	Yes Prevents Sanitary sewer overflow into stormwater system	No	Mitchell Carpenter Environmental Services

		taken.	<ul style="list-style-type: none"> • 8 complaint investigations; and • 3 Notices of violation Issued <p><u>Start date / Completion date:</u> On-going</p>			
ID-7	HOUSEHOLD HAZARDOUS WASTE	Document the number of households that utilize the household hazardous waste collection program each year.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u> 492 residents utilized the household hazardous waste disposal program in permit Year Six</p> <p><u>Start date / Completion date:</u> See summary</p>	Yes Prevents disposal of chemical into stormwater system	No	Mitchell Carpenter Environmental Services
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 12 reports of illegal dumping. <p><u>Start date / Completion date:</u> On-going</p>	Yes Prevents potential stormwater violations	No	Lisa Duello Neighborhood Services Karen Dawkins Burleson PD
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"> • 372,940 FT Enclosed Pipe • 17,239 FT Culvert • 410 Storm Manholes • 2,074 Inlets • 383 Outfall Points 	Yes Highlights areas that may require attention	No	Troy Meyers GIS

			<ul style="list-style-type: none">• 145,452 FT Open Channel• 152,558 FT Waterway <p><u>Start date / Completion date:</u> On-going</p>			
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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, and "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	Mitchell Carpenter 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, and "Stormwater Pollution Control" 	Yes Allows for enforcement of erosion controls	No	Mitchell Carpenter Environmental Services

			<p>during Permit Year Six.</p> <ul style="list-style-type: none"> The Subdivision and Development Ordinance became effective on November 1, 2008. <p><u>Start date / Completion date:</u> On-going</p>			
C-2	CONSTRUCTION PLAN REVIEW	Document number of plans reviewed.	<p><u>Met goal?</u> Yes <u>Summary of activities:</u> 18 plans were reviewed for sediment and erosion control during Permit Year Six. <u>Start date / Completion date:</u> On-going</p>	Yes Ensures erosion control measures are adequate.	No	Michelle McCullough Engineering Services
		Document number of Construction Site Notices and Notice of Intents received.	<p><u>Met goal?</u> Yes <u>Summary of activities:</u> 8 NOIs and 3 CSNs were received during Permit Year Six. <u>Start date / Completion date:</u> On-going</p>	Yes Notifies city of construction sites.	No	Michelle McCullough Engineering Services
C-3	GRADING OPERATIONS	Document number of plans reviewed.	<p><u>Met goal?</u> Yes <u>Summary of activities:</u> 18 grading plans were reviewed during Permit Year Six. <u>Start date / Completion date:</u> On-going</p>	Yes Ensures erosion control measures are adequate	No	Michelle McCullough Engineering Services
		Document number of permits issued.	<p><u>Met goal?</u> Yes <u>Summary of activities:</u> 18 grading permits were issued during Permit Year Six. <u>Start date / Completion date:</u> On-going</p>	Yes Ensures erosion control measures are adequate	No	Michelle McCullough Engineering Services
C-4	CONSTRUCTION SITE INSPECTION	Document number of inspections.	<p><u>Met goal?</u> Yes <u>Summary of activities:</u></p>	Yes Ensures	No	Mandy Clark Community

	AND ENFORCEMENT		<ul style="list-style-type: none"> Engineering Services personnel conducted 900 inspections. Environmental Services conducted more than 225 inspections and issued warnings, 60 NOV's, and 1 citation. <p><u>Start date / Completion date:</u> On-going</p>	erosion control measures are adequate		Development Todd House Engineering Services
C-5	CITY INSPECTOR TRAINING	Document inspector training.	<p><u>Met goal?</u> Yes <u>Summary of activities:</u></p> <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 Six, no construction site inspectors received training; however, all inspectors are within the requirements set forth by this BMP. <p><u>Start date / Completion date:</u> On-going</p>	Yes Ensures staff are aware of proper erosion control installation	No	Mandy Clark Community Development Todd House Engineering Services
C-6	DESIGN MANUAL	Document review and revisions (if any) to design standards manual.	<p><u>Met goal?</u> Yes <u>Summary of activities:</u> No revisions were made during Permit Year Six. <u>Start date / Completion date:</u> N/A</p>	Yes Allows for changes that improve stormwater quality	No	Michelle McCullough Engineering Services
C-7	RECEIPT AND	Verify implementation	<u>Met goal?</u> Yes	Yes	No	Mitchell Carpenter

	CONSIDERATION OF INFORMATION SUBMITTED BY THE PUBLIC	of BMPs PEI-16 and ID-1.	<p><u>Summary of activities:</u></p> <ul style="list-style-type: none"> • PEI-16 is on track with SWMP goals. • ID-1 is on track with SWMP goals. <p><u>Start date / Completion date:</u> N/A</p>	Allows for public to present solutions to stormwater issues.		Environmental Services
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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, and “Stormwater Pollution Control” became effective on 8/10/2000. • The Subdivision and 	Yes Allows for tracking, investigation, and enforcement of construction discharges into the stormwater system.	No	Mitchell Carpenter Environmental Services

			Development Ordinance became effective on November one, 2008			
		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, and "Stormwater Pollution Control" during Permit Year six. The Subdivision and Development Ordinance became effective on November one, 2008. <p><u>Start date / Completion date:</u> On-going</p>	Yes Allows inspectors to ensure long term stability of sediment	No	Michelle McCullough Engineering Services
PC-2	POST-CONSTRUCTION PLAN REVIEW	Document number of plans reviewed.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u> 18 plans were reviewed for sediment and erosion control during Permit Year Six.</p> <p><u>Start date / Completion date:</u> On-going</p>	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.	<p><u>Met goal?</u> Yes</p> <p><u>Summary of activities:</u> No revisions were made during Permit Year Six.</p> <p><u>Start date / Completion date:</u> N/A</p>	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	Mitchell Carpenter Environmental Services
GH-2	STREET SWEEPING	Document miles of roadway cleaned.	<u>Met goal?</u> Yes <u>Summary of activities:</u> 589 lane miles of streets were swept during Permit Year Six. <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> Road sand storage and application was reviewed during Permit Year Six. <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> 4,764 linear feet of open drainage were maintained during Permit Year Six.	Yes Sewer Maintenance prevents overflows into	No	Rey Gonzales Public Works

			<u>Start date / Completion date:</u> On-going	stormwater system		
GH-5	EQUIPMENT MAINTENANCE	Implement a management plan for structural and/or non-structural controls (if necessary).	<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 Six of the current permit, Environmental Services is reviewing and revising the Facilities management plan. <u>Start date / Completion date:</u> On-going.	Yes Ensures Equipment services minimizes stormwater impact	No	Mitchell Carpenter Environmental Services
GH-6	EMPLOYEE TRAINING	Year 2 and 3 create online program.	<u>Met goal?</u> Yes <u>Summary of activities:</u> 2 field staff employees in were trained during Permit Year Six. Environmental Services has reviewed and updated the online education program for field staff. <u>Start date / Completion date:</u> On -going.	Yes Ensures staff are aware of stormwater issues	No	Mitchell Carpenter Environmental Services
GH-7	MATERIAL MANAGEMENT	Implement a plan for responsible material management.	<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. <u>Start date / Completion date:</u> On-going	Yes Minimizes the City's impact on stormwater system	No	Mitchell Carpenter Environmental Services

GH-8	BACTERIAL CONTRIBUTION	Evaluate the extent that the City of Burleson MS4 contributes POC to impaired waters at a level of concern. Specifically Bacteria.	<p><u>Goal met?</u> Yes</p> <p><u>Summary of activities:</u> 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 has developed a focused BMP to target bacterial contribution. The City of Burleson will work with the Trinity River Authority to develop a regional watershed protection plan. A NOC was submitted during year three to meet the requirements of the Permit.</p> <p><u>Start date / Completion date:</u> On-going</p>	Yes Ensures the City of Burleson actively works to decrease contribution of bacteria into impaired waters	No	Mitchell Carpenter Environmental Services.
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