

City of Bryan

Storm Water Management Program
Year Eight Annual Report



CITY OF BRYAN
The Good Life, Texas Style.™

Prepared in accordance with TPDES General Permit TXR040000

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040336

Annual Reporting Year: (calendar year, permit year, or fiscal year): Fiscal Year

Last day of fiscal year, if applicable: September 30

MS4 Operator Level: 4

Name of MS4/Permittee: City of Bryan

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B. Narrative Provisions (Part IV Section B.2.(a))

1. Provide information on the status of complying with permit conditions: (Part V - Standard Permit Conditions):

	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.		✓	See Attachment 1 Narrative Provisions
Permittee is currently in compliance with recordkeeping and reporting requirements.	✓		TBD
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.)	✓		TMDL I-Plan Approved by TCEQ August 22, 2012

2. Provide a general assessment of the appropriateness of the selected BMPs. Use table below or attach a summary, as appropriate (See Example 1 in instructions):

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.
1: Public Outreach	Community Education	Yes. Simple activities such as fertilizing, vehicle maintenance, and home improvements adversely impact our environment when performed incorrectly. Targeting educational materials to inform residents of safe alternatives and good housekeeping practices concerning home and yard maintenance will aid in lowering stormwater impact by this element.
1: Public Education	School Education	Yes. Students have the potential to impact stormwater and water quality in the MS4 and can also positively affect their families' outlook. The City promotes stormwater education within the schools through service learning opportunities, participating in guest speaking opportunities, and by supporting Keep Brazos Beautiful (KBB) in its school education efforts.
1: Public Education	Construction Site Operator Education	Yes. Runoff from construction sites has an identified potential to degrade water quality in the MS4. Waste management, erosion control, and sediment management are points of concern relating to construction sites. The combination of guidance materials and general meetings with City staff are vehicles used in educating construction site operators in protecting water quality within the MS4.
1: Public Education	City Staff Education	Yes. Educational information is disseminated to City employees through electronic announcements, internet websites, new employee orientation, and group meetings. Topics include illicit discharges, floatables and litter, proper management and disposal of used oil and household hazardous wastes, and proper use, application, and disposal of pesticides, herbicides, and fertilizers. Task-specific training is provided, as required, to personnel directly involved in spill prevention and response.
1: Public Education	Public Participation/Volunteer Activities	This measure includes opportunities for a wide variety of people who live, work, and play in Bryan to participate in SWMP development and implementation. Additionally, this measure promotes community awareness and protection of stormwater quality through participation in the storm drain marking, litter cleanup, and stream monitoring.
2: Illicit Discharge	Illicit Discharge Detection and Elimination	Yes. The City's Illicit Discharge Detection and Elimination practices are used to locate and remove prohibited discharges from entering the storm drainage
2: Illicit Discharge	Storm Sewer Screening and Illicit Discharge Inspections	Yes. Inspections are conducted in response to complaints received regarding illicit discharges and/or improper waste disposal or are triggered in response to information obtained through dry weather screening of the storm sewer system.
2: Illicit Discharge	Storm Sewer Map Verification and Update	Yes. Maintaining an updated and accurate map of the storms sewer system is critical to providing timely emergency response for spills and detecting illicit discharges
2: Illicit Discharge	Household Hazardous Waste and Oil Recycling	Yes. Most households routinely use small amounts of pesticides, herbicides, fertilizers, automotive fluids, batteries, paints, and solvents in the day-to-day upkeep of their homes, apartments and condominiums. Improper disposal of these materials through trash collection or poured down the storm drain can result in unwanted impact to the environment.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.
2: Illicit Discharge	Septic Tanks	<p>Yes. Brazos County Health Department (BCHD) serves as the City's designated health official. The City maintains legal authority prohibiting use of a septic tank when public sewer service is unavailable. The City and BCHD maintain a working relationship allowing co-review of septic tank applications to determine applicability before installation is granted. The City also maintains legal authority addressing performance standards and closure requirements for failing septic tanks located within the city limits.</p>
3: Construction Run Off	Construction Plan Review	<p>No. Expansion of the plan and permit issuance process is needed to ensure construction activity and land disturbance conforms to TXR0150000 and the City' SWMP. See Attachment 1 – Narrative Provision.</p> <p>Amending legal authority to establish a stormwater permit process yields opportunity for improving this BMP. Review of internal policy and process relating to permit issuance for general construction and land disturbance (without amending the existing legal authority) serves as an alternative for BMP enhancement.</p>
3: Construction Run Off	Inspection of Construction Sites and Enforcement of Control Measure Requirements	<p>Yes. The inspection verifies that the structural and non-structural control measures as outlined on the Erosion Control Plan and in the Stormwater Pollution Prevention Plan (SWPPP) are accurately reflected on the site, and are functioning as intended (maintained) to prevent pollution from leaving the site. The City maintains legal authority to inspect construction sites and require site compliance.</p> <p>Opportunity for improvement to this BMP exists in creation of a central database for storage of records pertaining to site inspections, forms relating to the site's permit status, and enforcement actions. This task is expected to be complete in</p>
3: Construction Run Off	Maintain Legal Authority and Guidelines	<p>Yes. The City will maintain its legal authority and update as necessary to comply with the TXR150000, TXR040000, and TXR050000 General Permits. The City will maintain guidance documents for construction and design professionals and make them accessible through the internet. Maintain and revise as necessary the stormwater quality requirements in the standard construction contracts for capital improvement projects.</p> <p>See Attachment 6</p>
4: Post Construction	Bryan City Code Review and Updates	<p>Yes. Regular Code updates maintain the City's ability to enforce the requirements of the permit, in addition to staying current with any updates to state and federal laws.</p>
4: Post Construction	Establish Post-Construction Stormwater Management Program	<p>Some components of this program exist but development of a more formal program is still needed. For large residential sites and commercial sites, a one year warranty inspection is performed at which time any deficiencies are remedied by the owner. If no deficiencies are noted it is at that time that we insure all BMPs that were employed that are not long term BMPs (such as silt fence) are removed from the site. Items to discuss further include long term maintenance of post construction stormwater control measures.</p>

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.
4: Post Construction	Evaluation of Flood Control Projects	Yes. The City evaluates capital improvement projects each year that offer the potential to integrate water quality design features into flood management-focused design. Additionally, all development projects that come through the Site Development Review process are required to provide stormwater detention if greater than one (1) acre for commercial and two (2) acres for single residential lots or prove to the City why the detention would be more detrimental; exemptions to providing detention are only possible low in the watershed adjacent to primary systems where detention would cause stacking of peak flows in the watershed.
4: Post Construction	Implementation and Performance of Structural/Non-structural	Yes. Staffing issues hindered progress in this measure. Inspections were not performed this reporting period. An internal goal of 10 inspections per year is set and will be met going forward.
5: Pollution Prevention & Housekeeping	Municipal Facilities Identification	Yes. The City maintains SOPs for general good housekeeping, equipment washing, and fueling operations and vehicle maintenance, and chemical application. Furthermore, city-owned facility assessments are performed one time per period term.
5: Pollution Prevention & Housekeeping	Training for Municipal Employees	Yes. City employees are trained on the proper procedures for reporting, containing spills and preventing pollutants from entering the storm drains. The combination of monthly group meetings and area-specific focused meetings are used to satisfy the requirement of this element.
5: Pollution Prevention & Housekeeping	Contractor Training Oversight	Yes. Contractors hired by the City for maintaining City-owned facilities are required to comply with good housekeeping practices, stormwater control measures, and facility-specific stormwater management procedures.
5: Pollution Prevention & Housekeeping	Waste Management	Yes. Preventing environmental upset through waste management is as important for protecting the health and sanitation of the community. Disposal of regulated wastes such as motor oils, oil filters, automotive fluids, etc. used by the City are managed through contract or agreement with a service provider.
5: Pollution Prevention & Housekeeping	Pesticides, Herbicides and Fertilizer Application	Yes. Minimizing discharge of pollutants related to storage and application of pesticides, herbicides and fertilizers applied by City staff or contractors to public rights-of-way, parks, and other public property is a key component to protecting water quality.
5: Pollution Prevention & Housekeeping	Street Sweeping	Yes. Street sweeping is performed to limit litter and dust/dirt along public streets, public parking lots, and right-of-ways from being washed into the storm drain. Road debris from traffic flow can add to sediment loading of the storm drain if not properly managed.
5: Pollution Prevention & Housekeeping	Grass Clippings, Leaf Litter, and Animal Waste	Yes. Grass clippings, leaf litter and animal wastes are addressed through several different initiatives to limit biological wastes and nutrients discharges into the MS4. The TMDL and I-Plan establish control measures to address bacteria within the permit area. Existing ordinances will be continually reviewed and revised as needed to ensure success of this measure.
5: Pollution Prevention & Housekeeping	Road and Parking Lot Maintenance	Yes. Control of sediment and debris from municipally-owned road and parking lot maintenance is addressed through several different initiatives. Operating standards for road repair and maintenance (City and contractor) are established to protect water quality.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.
5: Pollution Prevention & Housekeeping	Cold Weather Conditions	Yes. Application of salt or sand to roadways and sidewalks is performed on a limited basis.
5: Pollution Prevention & Housekeeping	Spill Response	Yes. The City responds to spills and employs spill prevention procedures/practices for proper handling, storage, and disposal of hazardous and non-hazardous materials. HazMat services are used for circumstances requiring specialized handling and disposal of waste.
5: Pollution Prevention & Housekeeping	WWTP Performance	Yes. A waste load allocation of 36.25 CFU/100 mL is established in the Carters Creek TMDL I-Plan for <i>E. coli</i> loading associated effluent discharges from the Burton Creek WWTP. Proper operation and maintenance of each WWTP plays a key role in reducing <i>E. coli</i> loading to each plant's receiving stream. See Attachments 2, 3, 4
6: MS4 Maintenance Activities	System Repair and Maintenance	Yes. Structural controls within the MS4 that are owned, operated and maintained by the City include the conveyances (creeks and channels) and engineered control systems (drainage inlets and piping systems, culverts, and detention and retention ponds). Ongoing operations and maintenance of these structural controls reduce the discharge of pollutants from the MS4.
6: MS4 Maintenance Activities	Water Quality and Flood Control Structures	Yes. Structural controls within the MS4 that are owned, operated and maintained by the City include the conveyances (creeks and channels) and engineered control systems (drainage inlets and piping systems, culverts, and detention and retention ponds). Ongoing operations and maintenance of these structural controls reduce the discharge of pollutants from the MS4.
6: MS4 Maintenance Activities	Floatables	Yes. Structural controls, litter abatement programs are in place to reduce discharge of floatables into the MS4. Floatables removal improves surface water quality, channel aesthetics, and drainage system conveyance.
6: MS4 Maintenance Activities	Litter Abatement	Yes. The City partners with Keep Brazos Beautiful (KBB) for (1) promoting educational awareness regarding environmental stewardship, and (2) coordinating volunteer efforts in litter collection, and (3) benchmarking aesthetics for city streets and right-of-ways.

3. Describe progress towards reducing the discharge of pollutants to the maximum extent practicable. Summarize any information used (such as monitoring data) to evaluate reductions in the discharge of pollutants. Use a table or attach a narrative description as appropriate:

MCM	BMP	Parameter	Quantity	Units	Does BMP Demonstrate a Direct Reduction in Pollutants? (Yes / No / Explain)
1	Community Education	Outreach Materials	<ul style="list-style-type: none"> ▪ \$3,732 ▪ 15 	<ul style="list-style-type: none"> ▪ Dollars ▪ Events 	Yes. Heavy emphasis on public education is focused to illegal dumping and general usage of the sewer system. Work order history combined with system overflows show a reduction in illicit discharges and system overflows.
2	Illicit Discharge & Elimination	Overflows/Releases	<ul style="list-style-type: none"> ▪ 813 ▪ 501 ▪ 44.7 	<ul style="list-style-type: none"> ▪ SSOs ▪ Defects Found ▪ Mile of Pipe 	Yes. Burton Creek and Country Club Branch are impaired stream segments located within the City of Bryan. A TMDL has been established for these stream segments. Requirements of the

				Tested	MS4 combined with the TDML I-Plan center on identification and elimination of point and non-point sources of <i>E. coli</i> . See Attachment 5
3	Construction Site Management	Plans Reviewed	84	Permits Issued	Yes. Each plan was reviewed to determine appropriate BMP's to be utilized during the development of the site.
4	Construction Site Management	Post Construction Controls	56	Inspections	Sites were inspected on a regular basis with goal of inspecting at least monthly or more frequently if wet weather. Large sites were inspected more frequently than smaller sites.
6	System Screening	Inlet Inspections	161	Inspections	Yes. Inlet inspections are databased through work order history. Work orders deter illicit discharges in the future by allowing utility managers the ability to track current and previous conditions/occurrences of an individual inlet.

4. Provide the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals (See Example 2 in instructions):

MCM(s)	Measurable Goal(s)	Success
1: Public Education	<ul style="list-style-type: none"> a. Number of PSAs created b. Traffic count (website, application, media, etc.) c. Number of media avenues utilized d. Number of promotional items purchased 	<ul style="list-style-type: none"> a. 0 b. Traffic counter has not been added to website. Staff is working to revamp the website and will add a traffic counter in the following reporting period c. City of Bryan Channel 16, City of Bryan Website, and City of Bryan social media pages are used as outreach to the public. Code Enforcement launched a monthly radio call in show on Radio Alegria (1240 AM) for Spanish speakers. The highlights of the show are published the following week in <i>La Voz</i> (Spanish newspaper) d. \$3,732 was expensed for purchase of promotional items
1: Public Education	<ul style="list-style-type: none"> a. Number of presentations b. Number of school events attended c. Number of BEE Bins checked out 	<ul style="list-style-type: none"> a. 15 b. 5 c. KBB's Executive Director left B/CS and transferred to Keep Katy Beautiful (KKB). Lacking leadership within KBB has stalled the organization's programs and outreach. Tracking of BEE Bin usage was not performed this reporting period by KBB
1: Public Education	<ul style="list-style-type: none"> a. Number of pre-construction meetings performed b. Number of outreach materials distributed 	<ul style="list-style-type: none"> a. 104 b. 104
1: Public Education	<ul style="list-style-type: none"> a. Number of employees trained in SWMP b. Number training sessions completed c. Number of employees trained in multi-sector permit 	<ul style="list-style-type: none"> a. 119 b. 2 c. 12

MCM(s)	Measurable Goal(s)	Success
1: Public Education	<ul style="list-style-type: none"> a. Number of cleanups performed by volunteers b. Number of volunteer sampling events (TMDL) c. Website updated 	<ul style="list-style-type: none"> a. 0 b. Volunteer sampling for the TDML is coordinated by Texas Water Resource Institute (TWRI) using students from Texas A&M University. The number of sample sites and collection frequency is maintained by TWRI. c. Brazos Clean Water Website is maintained by Texas Water Resource Institute. Website is updated with information provided by the contributing entities (Bryan, College Station, TAMU, Brazos Co., etc.).
2: Illicit Discharge and Elimination	<ul style="list-style-type: none"> a. Number of illicit discharge sources identified and corrected b. Number and types of illicit discharge related work order requests issued c. TCEQ SSO Initiative objectives met 	<ul style="list-style-type: none"> a. 1 b. 0 c. SSOI objectives met. SSOI report submitted to TCEQ on October 30, 2015.
2: Illicit Discharge and Elimination	<ul style="list-style-type: none"> a. Number of sanitary sewer SSOs b. Miles of sanitary sewer inspected using CCTV c. Miles of sanitary sewer pipe cleaned d. Miles of root control application completed e. Number of sewer sub-basins inspected using smoke testing f. Number of private-side sewer defects identified and repaired g. Number of public-side sewer defects identified and repaired h. Number of grease traps inspected i. Percent compliance for grease traps complying with pumping schedule j. Number of educational events attended k. Number of educational materials distributed l. TCEQ SSO Initiative objectives met 	<ul style="list-style-type: none"> a. 813 b. 4.9 c. 87 d. 0 (27 SSOs were corrected by the City resulting from roots) e. 2 f. 435 g. 66 h. In Ground Grease Traps (148), Above Ground Grease Traps (57), Grit Traps (18), and Lint Traps (0) i. In Ground Grease Traps (65%), Above Ground Grease Traps (44%), Grit Traps (10%), and Lint Traps (0%) j. 12 k. Educational materials issued are not tracked. \$3,732 was expensed for purchase of promotional items l. SSOI objectives met. Report submitted to TCEQ on October 30, 2015
2: Illicit Discharge and Elimination	<ul style="list-style-type: none"> a. Number and types of updates to asset inventory and map b. Number of manholes and inlets inspected c. GIS layer updated and current 	<ul style="list-style-type: none"> a. Assets are updated to GIS in real-time. Changes made to GIS are driven by (1) field observations and (2) new construction b. 179 manholes and 179 inlets were inspected this reporting period. c. GIS is updated daily to reflect changes and/or additions made to the water and sewer system base maps

MCM(s)	Measurable Goal(s)	Success
2: Illicit Discharge and Elimination	<ul style="list-style-type: none"> a. Participation rates per HHW reporting year b. Number of HHW events hosted per year c. Volume of used motor oil and cooking oil recycled 	<ul style="list-style-type: none"> a. Traffic Count: October 2014 (1,270) and April 2015 (1,700) b. 2 c. 985 gallons of used cooking oil was recycled. Recycled quantities for used motor oil and filters were not tracked. The City maintains a contract for collection and recycling services for used motor oil, oil filters, and cooking oil collected from the general public. A contract is also in place for collection and recycling of fluids from the City's mechanic shop.
2: Illicit Discharge and Elimination	<ul style="list-style-type: none"> a. Number of septic tanks installed in city limits b. Number of enforcement actions against septic tanks located in the city limits c. Number of septic tanks removed from service in the city limits 	<ul style="list-style-type: none"> a. Septic tanks are regulated by the Brazos County Health Department. The City is working with Brazos County to develop a GIS layer for tracking locations of septic tank installation in the City of Bryan to assist both agencies with system management. Water Services is scheduled to extend sewer service along State Highway 21 in the next reporting period. Approximately, 20 +/- septic tanks could be removed from service as part of this effort b. See above c. See above
3: Construction Site Runoff	<ul style="list-style-type: none"> a. Number of outreach materials distributed b. Number of dual language materials created c. Number of Site Development Review cases d. Number of Building Permits issued e. Number of designed Capital Improvement Projects – percentage of Capital Improvement Projects with SWPPP f. Number of engineered construction plans related to public infrastructure 	<ul style="list-style-type: none"> a. 100 b. 100 c. 209 new cases d. 627 total e. 16 – 100% f. 31
3: Construction Site Runoff	<ul style="list-style-type: none"> a. Number of complaint-driven inspections b. Number of engineered construction plans related to public infrastructure reviewed c. Number, type, and location of inspections completed d. Number of inspections needing improvement vs. total number of inspections e. Number of enforcement 	<ul style="list-style-type: none"> a. 10 b. 3 c. 56 commercial / subdivision construction site inspections; 265 new home sites were inspected by building services but no formal SWPPP inspection was documented. d. 28 total inspections where deficiencies were found out of 56 total inspections; e. 0

MCM(s)	Measurable Goal(s)	Success
3: Construction Site Runoff	<ul style="list-style-type: none"> a. Number of ordinances reviewed b. Number of ordinance amendments made or new ordinances adopted 	<ul style="list-style-type: none"> a. 1 (Stormwater Protection Ordinance) b. 0
4: Post Construction Stormwater	<ul style="list-style-type: none"> a. Number of ordinances reviewed b. Number of ordinances modified c. Number of new ordinances adopted 	<ul style="list-style-type: none"> a. 1 (Stormwater Protection Ordinance) b. 0 c. 0
4: Post Construction Stormwater	<ul style="list-style-type: none"> a. SOP drafted and practiced b. Database established c. Number of plans reviewed d. Number of site inspections performed e. Number of enforcement actions enacted f. Evaluate continued operation and maintenance practices 	<ul style="list-style-type: none"> a. This needs to be developed in coordination with Development Services, Engineering, Streets and Drainage and Code Enforcement specifically in how to address development of long term maintenance plans, inspection and enforcement thereof. b. Database established but needs to be used for post construction. c. We currently do not require or review long term maintenance plans. d. 12 commercial/subdivision inspections performed e. 0 – voluntary compliance on issues noted. f. As mentioned in a) above, this area needs development.
4: Post Construction Stormwater	<ul style="list-style-type: none"> a. Number of flood control and drainage capital improvement project design evaluated for water quality measures b. Number of flood control and drainage construction projects with water quality measures initiated c. Number of flood control and drainage construction projects with water quality measures completed d. Types and locations of measures implemented e. Evaluate continued operation and maintenance practices 	<ul style="list-style-type: none"> a. 0 b. 0 c. 0 d. NA e. See future plan section.
4: Post Construction Stormwater	<ul style="list-style-type: none"> a. Number of new and redevelopment projects over 1 acre b. Number, type(s) and locations of LID features implemented at City facilities 	<ul style="list-style-type: none"> a. 17 – see narrative for improvements. b. 0 c. Ongoing.

MCM(s)	Measurable Goal(s)	Success
	c. Evaluate continued operation and maintenance practices	
5: Pollution Prevention & Housekeeping	a. Applicable facilities identified b. Database created c. GIS layer created	d. City-owned facilities identified, databased, and mapped. Assessments completed February 2015 e. City-owned facilities identified, databased, and mapped. Assessments completed February 2015 f. City-owned facilities identified, databased, and mapped. Assessments completed February 2015
5: Pollution Prevention & Housekeeping	a. Number of employees trained in SWMP b. Number training sessions completed c. Number of employees trained in multi-sector permit	a. 119 b. 2 c. 12
5: Pollution Prevention & Housekeeping	a. Number of contractors educated on City's SWMP b. Number of outreach	a. 100 b. General FAQs concerning contractor responsibilities is found on the City's website. <i>Keep it Clean</i> and <i>General Construction and Site Supervision to Improve Stormwater Quality</i> are brochures made available to the general public through the website, city-hosted education events, and permitting desk (Development Services)
5: Pollution Prevention & Housekeeping	a. Percentage or volume of waste recycled b. Number of waste types recycled	a. The volume and/or percentage of waste recycled are dependent on consumption and resource demand within each department. Tonnage of recycled goods collected from the general public is tracked by the Bryan Recycling Center. Recycled wastestreams processed through weekly in-house (e.g. paper collection, printer cartridges, and E-waste) collection is not tracked b. Oil, oil filters, fluorescent bulbs, brass and misc. water fittings, printer cartridges, office paper, computer and E-waste represent typical wastestreams recycled
5: Pollution Prevention & Housekeeping	a. SOP completed b. Schedule completed c. Number of licensed applicators employed by the City	a. SOPs completed – November 2014 b. General guidance for application and use is found in the SOP. Frequency and occurrence for application is based upon season and weather c. 5
5: Pollution Prevention & Housekeeping	a. Number of street miles swept b. Volume of debris collected through sweeping	a. All streets with a curb are scheduled to be swept 4 times per year. Staffing and equipment outage prevented the above-listed schedule to be met. 149 citizen requested sweep orders were completed. Citizen orders are added to the scheduled sweeping frequency b. ~1,040 yards of waste
5: Pollution Prevention & Housekeeping	a. Number of outreach materials created b. Number of PSAs created c. Percentage of city parks providing animal waste stations	a. 0 outreach materials were created this reporting period. b. 0 PSAs were created this reporting period c. 50%. Installation of the stations is determined by park age and size
5: Pollution Prevention & Housekeeping	a. SOPs completed b. Number of deicing events (location and volume) c. Number of road projects completed (new)	a. SOPs completed – November 2014 b. 1 (Villa Maria – ~2 yds of sand was used) c. 11 d. 79 road projects completed, 157 concrete patches completed, 699 in house road repairs completed (asphalt), 69 sewer utility cuts completed and 82 water utility cuts completed.

MCM(s)	Measurable Goal(s)	Success
	d. Number of road projects completed (maintenance)	
5: Pollution Prevention & Housekeeping	<ul style="list-style-type: none"> a. Number of city employees trained in spill response b. Number and location of spill events requiring response 	<ul style="list-style-type: none"> a. The Bryan Fire Department (114) serves as the City's lead for emergency response and site containment. Code Compliance Officers (8) and the Safety Officer (1) represent staff-level employees trained in basic spill response. b. Bryan Fire Department maintains an inventory record for dispatch calls and response. A fish kill occurred in the Copperfield Subdivision in March 2015. Notification of the kill was relayed to TCEQ Waco. City staff supported TCEQ and TPWD in field inspections. The Miramount Country Club was determined as the point-source of the fish kill.
5: Pollution Prevention & Housekeeping	<ul style="list-style-type: none"> a. TPDES Discharge Permit met b. Discharge monitoring reports submitted 	<ul style="list-style-type: none"> a. Permit compliance met for WWTPs. TCEQ granted reduced sample frequency for <i>E. coli</i> at Burton Creek and Still Creek WWTPs b. Monthly and reclaimed water discharge monitoring reports submitted monthly.
6: MS4 Maintenance	<ul style="list-style-type: none"> a. Number of pipe areas scheduled for maintenance b. Number of repairs completed c. GIS layer created d. Database created e. Number of roadside ditches and culverts repaired f. Number of roadside culverts replaced g. Volume of debris removed h. Number of city-maintained ponds inspected 	<ul style="list-style-type: none"> a. Scheduled maintenance is not forecasted for pipe. Performed work on pipe is driven by findings from manhole and inlet inspections. b. ~1,000 ft of pipe was been repaired c. GIS layer is established and updated by projects are complete d. GIS layer is a database of new installed or existing inspected pipes. The actual inspection record is kept in the work order system. When rehab projects change pipe segments the GIS layer is updated usually within 1 year to reflect the changes. e. 205 ditches and culverts were repaired f. 0 g. Volume of waste/debris removed is not tracked. This benchmark will be removed in future reports. h. 8
6: MS4 Maintenance	<ul style="list-style-type: none"> a. Number of inlets protected b. Number of events where litter intervention is provided c. Volume of debris collected from street cleaning/right-of-way management 	<ul style="list-style-type: none"> a. 4,170 inlets citywide have a stormwater quality notice posted on the inlet. b. Two (2) community wide used tire cleanups were completed this reporting year. Likewise, cleanup of illegal dump sites and non-point litter/debris located within the public right-of-way is a shared duty between Solid Waste and Code Enforcement c. ~1,040 yards of waste are collected and removed through street sweeping. Waste associated with tree trimming and right-of-way clearance is not tracked
6: MS4 Maintenance	<ul style="list-style-type: none"> a. Number of cleanup events participated in by City staff b. Number of KBB-led events performed c. Volume of debris collected from Solid Waste Assessment Workers 	<ul style="list-style-type: none"> a. 2 illegal tire collection roundups were completed. ~2,500-3,000 illegally dumped tires were collected and removed b. 0 collection events were performed by KBB. Executive Director resigned December 2014 c. 3 fulltime employees are hired to perform litter collection and removal from the right-of-way. Volume of waste collected is not tracked

C. Stormwater Monitoring Data (Part IV Section B.2.(b))

1. The MS4 has conducted monitoring of stormwater quality and submitted in the annual report (i.e. analytical and visual observations).

Yes No ✓

a. Explain below or attach a summary to submit along with any monitoring data used to evaluate the success of the SWMP at reducing pollutants to the maximum extent practicable. Be sure to include a discussion of results:

D. Impaired Waterbodies (Part IV Section B.2.(c))

1. If applicable, explain below or attach a summary of any activities taken to address the discharge to impaired waterbodies, including any sampling results and a summary of the small MS4's BMPs used to address the pollutant of concern:

Elements addressing water quality monitoring, infrastructure maintenance and operation, surface water runoff, and development safeguards outlined within the I-Plan are written into the SWMP to ensure continuity for reducing *E. coli* loading among both documents (I-Plan and SWMP).

The TMDL Allocation Summary table will serve as the ultimate measure of program success. Measureable milestones and implementation schedules from the I-Plan will be used to steer monitoring efforts and measure program success. SCMs addressing *E. coli* that coincide with control of *E. coli* are highlighted green in each Element.

Indicators of success regarding measures relating to *E. coli* will include: (1) number of sources identified or eliminated, (2) decrease in number of illegal dumping cases, (3) increase in reporting of illegal dumping, (4) number of educational opportunities conducted, (5) reduction in sanitary sewer overflows, and (6) increase in illegal discharge detection through dry screening.

MCMs addressing impaired waterbodies are highlighted in green within this report.

See Attachments 2, 3, 4, 5

2. Describe the implementation of targeted controls if the small MS4 discharges to an impaired water body with an approved TMDL (*Part II Section D.4. (a)*):

See D.1 above.

3. Report the benchmark identified by the MS4 and assessment activities (*Part II Section D.4. (a)(6)*):

Benchmark Parameter	Benchmark Value (MPN/day)	Description of additional sampling or other assessment activities	Year(s) conducted
Bacteria (<i>E. coli</i>)	See Attachments 2,3,4	Sampling efforts are performed by (1) TWRI, TCEQ, and BRA for stream sampling and (2) City of Bryan for WWTP performance.	2015

4. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark (Part II Section D.4.(a)(4)):

Benchmark Parameter	Selected BMP	Contribution to achieving Benchmark
Bacteria (<i>E. coli</i>)	Community Education	Improve water quality within the watershed through public education and outreach.
Bacteria (<i>E. coli</i>)	Illicit Discharge Detection and Elimination	Continue implementation of SSO initiatives in the watershed, minimizing impacts of raw sewage being spilled in the watershed due to failures in the wastewater collection and treatment system. See Attachment 3,4,5
Bacteria (<i>E. coli</i>)	Storm Sewer Screening and Illicit Discharge Inspections	Improve water quality within the watershed through storm sewer maintenance and inspection to identify and correct illicit discharges or connections.
Bacteria (<i>E. coli</i>)	Sanitary Sewer Overflows and Infiltration	Continue implementation of SSO initiatives in the watershed, minimizing impacts of raw sewage being spilled in the watershed due to failures in the wastewater collection and treatment system. See Attachment 5
Bacteria (<i>E. coli</i>)	Septic Tanks	Improve identification, inspection, pre-installation planning, education, operation, maintenance, and tracking of all OSSFs in the watershed to minimize the potential negative water quality impacts from malfunctioning systems.
Bacteria (<i>E. coli</i>)	WWTP Performance	Ensures WWTPs are performing in accordance with their TPDES discharge permit. See Attachment 4

5. If applicable, report on focused BMPs to address impairment (Part II Section D.4.(a)(5)):

Pollutant to Address	Description of Focused BMP	Comments/Discussion
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Pollutant to Address	Description of Focused BMP	Comments/Discussion
Bacteria (<i>E. coli</i>)	Private Line Repairs/Smoke Testing	City crews proactively smoke test the sanitary sewer system for defects (public and private). 44.7 miles of sewer pipe were smoke tested for this reporting period. 435 private defects were identified and repaired. 100.4 miles of pipe have been smoke tested since FY2012.
Bacteria (<i>E. coli</i>)	Sewer Line Cleaning and Inspection	Approximately 87 miles (23% of the sanitary sewer system) was cleaned and inspected in FY2015.
Bacteria (<i>E. coli</i>)	Septic Tanks	OSSFs are prohibited for installation if a property is located within 150' of a sewer service. Bryan Code has established protocols for OSSF abandonment and closure when sewer service becomes available. Design for sewer extension along State Highway 21 is underway. 20 +/- septic systems could be taken out of service as a result of service extension.
Bacteria (<i>E. coli</i>)	WWTP Performance	WWTPs perform monitoring for <i>E. coli</i> in accordance with their TCEQ-issued discharge permits. TCEQ granted a reduced <i>E. coli</i> sample frequency to the Burton Creek WWTP on October 30, 2013 as a result of continued permit compliance relating to <i>E. coli</i> .

6. Describe progress in achieving the benchmark (*Part II.D.4.(a)(6)*):

Benchmark Indicator	Description/Comments
Sanitary sewer overflows (SSOs)	SSOs are point sources for <i>E. coli</i> and pollutant loading within the watershed. SSO frequency for public overflows slightly decreased for the current monitoring period compared with FY2015 (813) compared with the previous FY2014 (856).
Dry weather screening of storm sewer system	Dry weather screening is performed during routine maintenance by staff to pinpoint cross connections and line breakage. 179 inlet and manhole inspections were completed.
Illegal dumping and prohibited discharge cases worked	Code Enforcement responds to citizen complaints concerning illegal dumping and prohibited discharges: <ul style="list-style-type: none"> ▪ Illegal Dumping (current: 86, FY2014: 129) ▪ Prohibited Discharges (current: 68, FY2014: 104)
Sanitary sewer system maintenance and inspection	Sanitary sewer pipe cleaning/inspection combined with smoke testing are tools used for upkeep and maintenance of the sanitary sewer system. <ul style="list-style-type: none"> ▪ Private Defects Found (current:435, FY2014: 330) ▪ Public Defects Found (current: 66, FY2014: 49) ▪ Miles of Pipe Cleaned/Inspected (current: 87, FY2014: 54)

E. Stormwater Activities (Part IV Section B.2.(d))

Describe any stormwater activities the MS4 operator has planned for the next reporting year. Use the table or attach a summary, as appropriate:

MCM(s)	BMP	Stormwater Activity	Description/Comments
1: Public Outreach	Community Education	<ul style="list-style-type: none"> ▪ Review existing outreach ▪ Continuation of outreach ▪ Brainstorm topics and ideas ▪ Brainstorm new media avenues 	This MCM is a continuous effort that will be performed for the remainder of the permit term
1: Public Education	School Education	<ul style="list-style-type: none"> ▪ Continue existing outreach program with schools ▪ Evaluate existing programs for program expansion 	This MCM is a continuous effort that will be performed for the remainder of the permit term
1: Public Education	Construction Site Operator Education	<ul style="list-style-type: none"> ▪ Continuation of existing programs and services ▪ Evaluate outreach materials and modify as needed ▪ Complete annual multi-sector training for affected staff 	This MCM is a continuous effort that will be performed for the remainder of the permit term
1: Public Education	City Staff Education	<ul style="list-style-type: none"> ▪ Evaluate training materials and modify as needed ▪ Complete annual multi-sector training for affected staff 	This MCM is a continuous effort that will be performed for the remainder of the permit term
1: Public Education	Public Participation/Volunteer Activities	<ul style="list-style-type: none"> ▪ Continuation of existing programs and services ▪ Brainstorm avenues for increasing public participation ▪ Update website with Annual Report 	This MCM is a continuous effort that will be performed for the remainder of the permit term
2: Illicit Discharge	Illicit Discharge Detection and Elimination	<ul style="list-style-type: none"> ▪ Implement training program for illicit discharge investigation and elimination 	This MCM is a continuous effort that will be performed for the remainder of the permit term
2: Illicit Discharge	Storm Sewer Screening and Illicit Discharge Inspections	<ul style="list-style-type: none"> ▪ Implement training program for illicit discharge investigation and elimination 	This MCM is a continuous effort that will be performed for the remainder of the permit term
2: Illicit Discharge	Storm Sewer Screening and Illicit Discharge Inspections	<ul style="list-style-type: none"> ▪ Continuation of existing programs and services ▪ Identify and correct illicit discharge/connections ▪ Establish training program for illicit discharge investigation and elimination ▪ Facilitate mechanism for reporting and response to residential concerns regarding illegal dumping and discharge of non- 	This MCM is a continuous effort that will be performed for the remainder of the permit term

MCM(s)	BMP	Stormwater Activity	Description/Comments
		stormwater materials	
2: Illicit Discharge	Sanitary Sewer Overflows and Infiltration	<ul style="list-style-type: none"> ▪ Continuation of existing programs and services ▪ Identify and correct illicit discharge/connections ▪ Establish training program for illicit discharge investigation and elimination ▪ Facilitate mechanism for reporting and response to residential concerns regarding illegal dumping and discharge of non-stormwater materials 	This MCM is a continuous effort that will be performed for the remainder of the permit term
2: Illicit Discharge	Storm Sewer Map Verification and Update	<ul style="list-style-type: none"> ▪ Inspect and verify condition of outfall and water quality ▪ Inspect and verify condition of manholes and inlets (20% of system) ▪ Expansion and maintenance of GIS layers 	This MCM is a continuous effort that will be performed for the remainder of the permit term
2: Illicit Discharge	Household Hazardous Waste and Oil Recycling	<ul style="list-style-type: none"> ▪ Continuation of used oil recycling services ▪ Increase marketing and outreach of recycling services 	This MCM is a continuous effort that will be performed for the remainder of the permit term
2: Illicit Discharge	Septic Tanks	<ul style="list-style-type: none"> ▪ Continuation of application review with BCHD 	This MCM is a continuous effort that will be performed for the remainder of the permit term
3: Construction Run Off	Construction Plan Review	<ul style="list-style-type: none"> ▪ Continuation of Site Development Review and plans review process for Capital Improvement Projects 	This MCM is a continuous effort that will be performed for the remainder of the permit term
3: Construction Run Off	Inspection of Construction Sites and Enforcement of Control Measure Req.	<ul style="list-style-type: none"> ▪ Continuation of inspection protocol – (1) at least 1 inspection every 30 days for each active project and (2) after major rain events 	This MCM is a continuous effort that will be performed for the remainder of the permit term. Inspection records will be entered into the laserfische database for the first time this year.
3: Construction Run Off	Maintain Legal Authority and Guidelines	<ul style="list-style-type: none"> ▪ Review existing ordinances and control mechanisms for conformance relating to General Permit requirements ▪ Internal planning and 	Revision of Stormwater Protection Ordinance is forecasted for the next reporting period (December 2015). Launch Laserfische application for data management relating to construction stormwater permits (NOI, NOT, CSN)

MCM(s)	BMP	Stormwater Activity	Description/Comments
		discussion <ul style="list-style-type: none"> ▪ Amend or propose new ordinance language where needed 	
4: Post Construction	Bryan City Code Review and Updates	<ul style="list-style-type: none"> ▪ Identify needed change to Bryan City Code with regard to federal state, and local environmental regulations and design practices 	Revision of Stormwater Protection Ordinance (December 2015), procedural ordinance for Municipal Setting Designation (March/April 2016), and amendment of an ordinance addressing unimproved parking (October 2015) is forecasted for the next reporting period
4: Post Construction	Establish Post-Construction Stormwater Management Program	<ul style="list-style-type: none"> ▪ Continuation of existing programs and focus ▪ Development written procedures for enforcement, and management mechanism for post-construction stormwater management ▪ Review data acquisition procedures and revise as necessary ▪ Track number of new development and redevelopment projects meeting MS4 monitoring requirements ▪ Evaluate long-term operation and maintenance of stormwater controls Document enforcement actions enacted 	Post Construction program needs significant work. Activities and BMPs may be modified. The database created this year will be used to track new and redevelopment projects meeting MS4 requirements.
4: Post Construction	Evaluation of Flood Control Projects	<ul style="list-style-type: none"> ▪ Continuation of existing programs and focus ▪ Evaluate City capital improvement projects for flood control on a case-by-case basis to assess feasibility of incorporating stormwater controls to address water quality 	This MCM is a continuous effort that will be performed for the remainder of the permit term
5: Pollution Prevention & Housekeeping	Municipal Facilities Identification	<ul style="list-style-type: none"> ▪ Continue to draft facility SOPs ▪ Create inspection/assessment form 	This MCM is a continuous effort that will be performed for the remainder of the permit term
5: Pollution Prevention & Housekeeping	Training for Municipal Employees	<ul style="list-style-type: none"> ▪ Continuation of existing programs and focus ▪ Perform department-specific annual training of staff execution of the 	This MCM is a continuous effort that will be performed for the remainder of the permit term

MCM(s)	BMP	Stormwater Activity	Description/Comments
		City's SWMP <ul style="list-style-type: none"> ▪ Complete annual multi-sector training for affected staff 	
5: Pollution Prevention & Housekeeping	Contractor Training Oversight	<ul style="list-style-type: none"> ▪ Revise bid and contract documents to include contractor performance requirements relating to SWMP ▪ Utilize mandatory pre-bid meetings as outreach (as necessary) ▪ Establish protocol for documenting contractor training ▪ Establish protocol for documenting poor contractor performance 	Internal discussions are needed to determine the best course of action to take regarding bid and contract documents for performed services applicable to the SWMP
5: Pollution Prevention & Housekeeping	Waste Management	<ul style="list-style-type: none"> ▪ Continuation of existing programs and focus ▪ Perform task/department-specific annual training of staff execution of the City's SWMP ▪ Draft task/facility-specific SOPs 	This MCM is a continuous effort that will be performed for the remainder of the permit term
5: Pollution Prevention & Housekeeping	Pesticides, Herbicides and Fertilizer Application	<ul style="list-style-type: none"> ▪ Continuation of service 	This MCM is a continuous effort that will be performed for the remainder of the permit term
5: Pollution Prevention & Housekeeping	Street Sweeping	<ul style="list-style-type: none"> ▪ Continuation of existing programs and focus ▪ Sweep all streets at least 2 times per year; thoroughfares at least 4 times per year; city-owned parking lots 4 times per year 	This MCM is a continuous effort that will be performed for the remainder of the permit term
5: Pollution Prevention & Housekeeping	Grass Clippings, Leaf Litter, and Animal Waste	<ul style="list-style-type: none"> ▪ Continuation of existing programs and focus ▪ Review existing outreach ▪ Continuation of outreach ▪ Review legal authority and amend as necessary ▪ Enforcement of city ordinances 	Revision of the Solid Waste Ordinance and Rate Resolution is forecasted for the next reporting period (November 2015) This MCM is a continuous effort that will be performed for the remainder of the permit term
5: Pollution Prevention & Housekeeping	Road and Parking Lot Maintenance	<ul style="list-style-type: none"> ▪ Continuation of service 	This MCM is a continuous effort that will be performed for the remainder of the permit term
5: Pollution Prevention & Housekeeping	Cold Weather Conditions	<ul style="list-style-type: none"> ▪ Continuation of service 	This MCM is a continuous effort that will be performed for the remainder of the permit term

MCM(s)	BMP	Stormwater Activity	Description/Comments
5: Pollution Prevention & Housekeeping	Spill Response	<ul style="list-style-type: none"> ▪ Continuation of existing programs and focus ▪ Review existing protocols 	This MCM is a continuous effort that will be performed for the remainder of the permit term
5: Pollution Prevention & Housekeeping	WWTP Performance	<ul style="list-style-type: none"> ▪ Continuation of existing programs and focus 	This MCM is a continuous effort that will be performed for the remainder of the permit term
6: MS4 Maintenance Activities	System Repair and Maintenance	<ul style="list-style-type: none"> ▪ Continuation of existing programs and focus ▪ Record damaged storm drain piping and schedule maintenance ▪ Investigate roadside ditches and culverts through service requests ▪ Asset management through GIS and database ▪ 20% system inlets inspected per year ▪ Clean and repair system inlets as needed ▪ Inspect all city-maintained retention and detention ponds annually 	This MCM is a continuous effort that will be performed for the remainder of the permit term
6: MS4 Maintenance Activities	Water Quality and Flood Control Structures	<ul style="list-style-type: none"> ▪ Continuation of existing programs and focus ▪ Record damaged storm drain piping and schedule maintenance ▪ Investigate roadside ditches and culverts through service requests ▪ Asset management through GIS and database ▪ 20% system inlets inspected per year ▪ Clean and repair system inlets as needed ▪ Inspect all city-maintained retention and detention ponds annually 	This MCM is a continuous effort that will be performed for the remainder of the permit term
6: MS4 Maintenance Activities	Floatables	<ul style="list-style-type: none"> ▪ Continuation of existing programs and focus 	This MCM is a continuous effort that will be performed for the remainder of the permit term
6: MS4 Maintenance Activities	Litter Abatement	<ul style="list-style-type: none"> ▪ Continuation of existing programs and focus ▪ Support and participate in regional litter abatement programs (Keep Brazos Beautiful, Texas Trash Off, Big Event, etc.). 	This MCM is a continuous effort that will be performed for the remainder of the permit term

MCM(s)	BMP	Stormwater Activity	Description/Comments
		<ul style="list-style-type: none"> ▪ Support and participate in service projects and volunteer efforts regarding illegal dumping ▪ Right-of-way litter collection by Solid Waste Assessment Workers 	

F. SWMP Modifications (Part IV Section B.2.(e))

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 ✓

If ‘Yes’, report on changes made to measurable goals and BMPs:

MCM(s)	Measurable Goal(s) or BMP(s)	Implemented or Proposed Changes (Submit NOC as needed)

Note: If changes include additions or substitutions of BMPs, include a written analysis explaining why the original BMP is ineffective or not feasible and why the replacement BMP is expected to achieve the goals of the original BMP.

2. Explain additional changes or proposed changes not previously mentioned (i.e. dates, contacts, procedures, annexation of land etc.):

G. Additional BMPs (Part IV Section B.2.(f))

Provide a description and schedule for implementation of additional BMPs that may be necessary, based on monitoring results, to ensure compliance with applicable TMDLs and implementation plans.

BMP	Description	Implementation Schedule (Start Date etc.)	Status / Completion Date (completed, in progress, not started)

H. Additional Information (Part IV Section B.2.(g))

1. Is the permittee relying on another entity/ies to satisfy some of its permit obligations?

Yes No ✓

If 'Yes,' provide the name(s) of other entity/ies and an explanation of their responsibilities (add more spaces or pages if needed):

2.a. Is the named permittee sharing a SWMP with other entities?

Yes No ✓

2.b. If 'yes,' is this a system-wide annual report including information for all permittees?

Yes No

If 'Yes,' list all associated permit numbers and permittee names (add additional spaces or pages if needed):

Authorization Number:	_____	Permittee:	_____
Authorization Number:	_____	Permittee:	_____
Authorization Number:	_____	Permittee:	_____
Authorization Number:	_____	Permittee:	_____

I. Construction Activities (Part IV Section B.2.(h-i))

1. 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 17

2. a. Does the permittee utilize the optional seventh MCM related to construction?

Yes No ✓

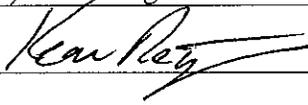
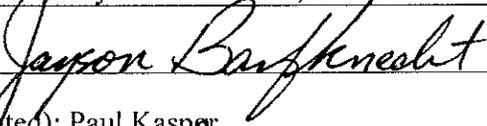
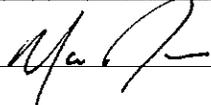
2. b. If 'yes,' then provide the following information for this permit year:

The number of municipal construction activities authorized under this general permit	
The total number of acres disturbed for municipal construction projects	

Note: Though the seventh MCM is optional, implementation must be requested on the NOI or on a NOC and approved by the TCEQ.

J. 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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name (printed): Kear Register	Title: City Manager
Signature: 	Date: 12/01/15
Name (printed): Jayson Barfknecht, PhD, P.E.	Title: Public Works Director
Signature: 	Date: 12/21/15
Name (printed): Paul Kasper	Title: City Engineer
Signature: 	Date: 12/10/15
Name (printed): Cody Cravatt	Title : Development Manager
Signature: 	Date: 12/10/15
Name (printed): Robert Willis	Title : Streets & Drainage Supervisor
Signature: 	Date: 12/10/2015
Name (printed): Mark Jurica	Title : Treatment & Compliance Manager
Signature: 	Date: 12/4/15

Note: If this is this a system-wide annual report including information for all permittees, each permittee shall sign and certify the annual report in accordance with 30 TAC §305.128 (relating to Signatories to Reports).

Attachment 1 – Narrative Provision

Attachment 1 – Narrative Provisions

The City maintains compliance with its SWMP for fulfilling program elements and timelines. Growth is needed in the City's management of construction activities as outlined in the TXR040000 and TXR150000 General Permits. The City's development review and building permit processes are used to review project details relating to stormwater controls (e.g. stormwater pollution prevention plans, erosion control plans, sediment plans, etc.). Site Review (e.g. Site Development Review Committee) is used to confirm conformance of planned commercial development with stormwater standards; a formal process is not currently practiced for residential construction. Program expansion is needed to ensure construction activity (regardless of type) confirm to the standards outlined in TXR040000 and TXR150000.

The City informs building permits applicants of their responsibility to support appropriate coverage under TXR150000 based the size and location of the construction site. The City has fallen short in Elements 3 and 4 of its SWMP by allowing land disturbance for residential construction activities without first obtaining the Construction Site Notice and/or Notice of Intent for the construction site. Further growth is needed to fully confirm to the City's SWMP and requirements of TXR040000 and TXR150000. Similarly, adherence of the closure requirements for final stabilization (e.g. obtaining the Notice of Termination or site closure form) is a focus point for the City and has not been uniformly practiced or enforced.

Development in these areas has been achieved in this reporting period with construction of a database for site-specific records and information relating to construction site activity. This tool will be used to aid staff (desk, inspector, and management) with information concerning the permit status of a construction site.

A presentation updating City Council on the City's SWMP and focus areas for improvement was made on September 8, 2015. The presentation was made during an open setting of the Bryan City Council Workshop. A copy of the presentation is attached with this narrative.

Mayor Jason Bienski
Mayor Pro Tem Art Hughes



Councilmembers
Chuck Konderla
Greg Owens
Rafael Peña III
Al Saenz
Mike Southerland



AGENDA

**BRYAN CITY COUNCIL
WORKSHOP MEETING
TUESDAY, SEPTEMBER 8, 2015 – 2:30 P.M.
COUNCIL CHAMBERS, BRYAN MUNICIPAL BUILDING
300 SOUTH TEXAS AVENUE, BRYAN, TEXAS**

- 1. CALL TO ORDER**
- 2. PRESENTATION BY STAFF REGARDING MUNICIPAL SEPARATE STORM SEWER SYSTEM UPDATE AND STORMWATER ORDINANCE**
- 3. PRESENTATION BY POLCO REGARDING NEW SURVEY TOOL FOR CITIZEN INPUT**
- 4. DISCUSSION REGARDING CONSENT/STATUTORY AGENDA ITEMS FOR REGULAR MEETING OF SEPTEMBER 8, 2015 (NO ACTION WILL BE TAKEN)**
- 5. ADJOURN**

FOR INFORMATION ON SIGN LANGUAGE INTERPRETATION, TDD OR OTHER TRANSLATION OR ACCESSIBILITY INFORMATION, PLEASE CONTACT THE CITY OF BRYAN COMMUNICATIONS DEPARTMENT AT 209-5120 AT LEAST 48 HOURS BEFORE THE SCHEDULED TIME OF THE MEETING SO THAT YOUR REQUEST MAY BE ACCOMMODATED.

Para información en la interpretación de lenguaje por señas, TDD o otra información de traducción o accesibilidad, por favor contacte al Departamento de Comunicaciones de la Ciudad de Bryan al 979-209-5120 por lo menos 48 horas antes del tiempo planificado de la reunión para que su petición pueda ser acomodada.

BRYAN TX

MS4 Update

TUESDAY, September 8, 2015

What We Will Discuss

1. Background on the MS4 and the City's Discharge Permit
2. Legal Authority for Management of the MS4 (e.g. ordinances)
3. Construction Activities
4. Corrective Action for Permit Compliance

What is an MS4?



3

Background

TCEQ regulates stormwater discharges through the Texas Pollution Discharge Elimination System (TPDES).

- TXR040000 General Permit governs management of the MS4
- TXR015000 General Permit governs land development and construction

Permit Status

- Phase II MS4 – “Small” (population served <100,000)
- Permit coverage renewed on October 27, 2014
- Currently in the 8th reporting year

TXR040000 requires the City to create a comprehensive plan that serves as a guide for expansion, development, and management of the MS4 – known as a Stormwater Management Plan (SWMP).

The SWMP is filed with TCEQ and available for public viewing on the City’s website.

4

Background

A report is submitted annually to TCEQ providing feedback on the City's progress in achieving the schedules and performance indicators adopted into the SWMP.

Any significant change to the implementation schedules, performance indicators, or elements of the SWMP require prior approval from TCEQ. The City must implement all program elements listed in the SWMP before completion of the current permit term (December 13, 2018).

Areas of Improvement Needed

1. Legal authority (e.g. ordinances) must be updated
2. Efforts relating to residential construction are not current with SWMP and TXR015000; expansion of such for commercial construction is needed:
 - Permitting (initial and closure)
 - Site inspections
 - Enforcement for violations

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Accomplishments

Education and Outreach

- Channel 16 PSAs
- Community and organization meetings
- School presentations

Carters Creek Watershed Total Maximum Daily Load (TMDL)

- Partnerships with College Station, Brazos County, Texas Water Resource Institute
- Education and outreach
- Volunteer monitoring (Texas A&M)

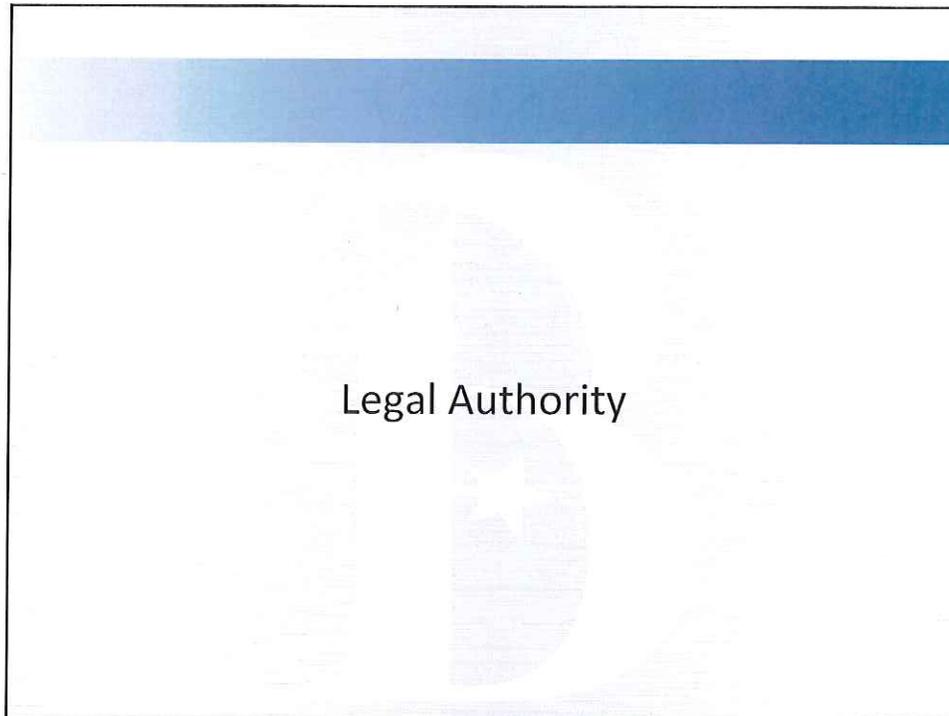
Sanitary Sewer Overflows and Storm System Inspections

- Incorporation of TCEQ SSOI (Sanitary Sewer Overflow Initiative)
- Storm inlet and drain markings
- Dry weather manhole and inlet inspections for illicit discharges

Administration

- Database of Industrial Stormwater Permits established

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Legal Authority

TXR040000 requires permittees to review and revise, if needed, its relevant ordinances to control pollutant discharges to the MS4 and comply with the General Permit. Action concerning legal authority must be completed within two years of the effective date of the General Permit (December 13, 2015).

Ordinance of concern:

- Chapter 46, Article III – Municipal Stormwater Protection (adopted November 5, 2010)

Repeal existing language and replace with new:

- Existing ordinance is not current with requirements of the TXR040000 and TXR015000 General Permits
- Existing ordinance does not reflect current practice(s)
- Use of “interpretation” is necessary in certain aspects of enforcement

Legal Authority

Summary of Recommended Changes:

- Establish permitting process for property development and construction activities. This requirement is carried over from the 2007-12 permit term but was not incorporated into Article III.
- Listing of prohibited discharges into the MS4 were expanded to provide clarity for the reader and meet objectives of the City's SWMP and TXR040000.
- Establish pollution control measures (e.g. construction-specific standards and best management practices).
- Incorporate provisions granting staff access for facility inspections and water quality monitoring.

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Construction Activities TXR015000

TXR015000 – Construction Activities

TXR015000 – Construction Activity General Permit

- Originally issued by TCEQ on March 5, 2008; renewed March 5, 2013
- Governs stormwater discharge from construction sites and construction activity
- Creates a statewide permitting process for qualifying construction sites and establishes operational requirements for land development and soil disturbance
- SRDC (e.g. Site Review) is used to confirm conformance of planned commercial development with City standards. Expansion of programs is needed (primarily due to lack of staff) relating to permit issuance, frequency of site inspections, and final stabilization assurance
- Permitting and inspection of residential lot construction relating to TXR015000 has not been practiced; conflicting with standards adopted into the SWMP and MS4 Discharge Permit

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TXR015000 Challenges

- Strained resources – additional burden placed on multiple departments for program management and execution
- Enforceability concerns relating to legal authority - construction activities and prohibited discharges
- Escalating regulation experienced with renewal of General Permit (TXR015000, TXR040000, and TXR050000)
- Education and outreach for developers and contractors
- Increased regulatory burden placed on development and building sector

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Permit Coverage – Small Construction Site

- Land disturbance of 1 to less than 5 acres

Permit coverage under TXR015000:

1. Develop and implement a Stormwater Pollution Prevention Plan (SWP3) and submit copy to the City
2. Submit a copy of Construction Site Notice to the City before disturbing soil
3. Post a copy of the Construction Site Notice at the construction site for viewing
4. Fulfill operational requirements for structural controls and site inspections
5. Final stabilization (70% of native background established on unpaved areas)
6. Submit closure notice to City; remove Construction Site Notice and structural controls (e.g. silt fence, sand bags, etc.) from construction site

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Small Construction Site



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Permit Coverage – Large & CPD

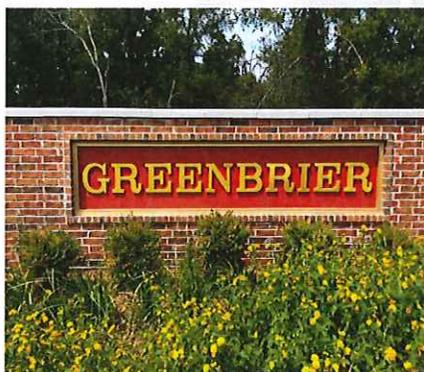
- Land disturbance of 5 or more acres; or
- Part of a larger common plan of development (regardless of size)

Permit coverage under TXR015000:

1. Develop and implement a Stormwater Pollution Prevention Plan (SWP3) and submit copy to the City
2. Submit a Notice of Intent (NOI) and application fee to the TCEQ (\$325 paper/\$225 electronic)
3. Submit a copy of the NOI and Construction Site Notice to the City before disturbing soil
4. Post a copy of the NOI and Large Construction Site Notice at the construction site for viewing
5. Fulfill operational requirements for structural controls and site inspections
6. Final stabilization (70% of native background established on unpaved areas)
7. Submit a Notice of Termination (NOT) form to the TCEQ
8. Submit a copy of the NOT to the City of Bryan; remove NOI, Construction Site Notice, and structural controls from construction site

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Large Construction Site



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Corrective Action

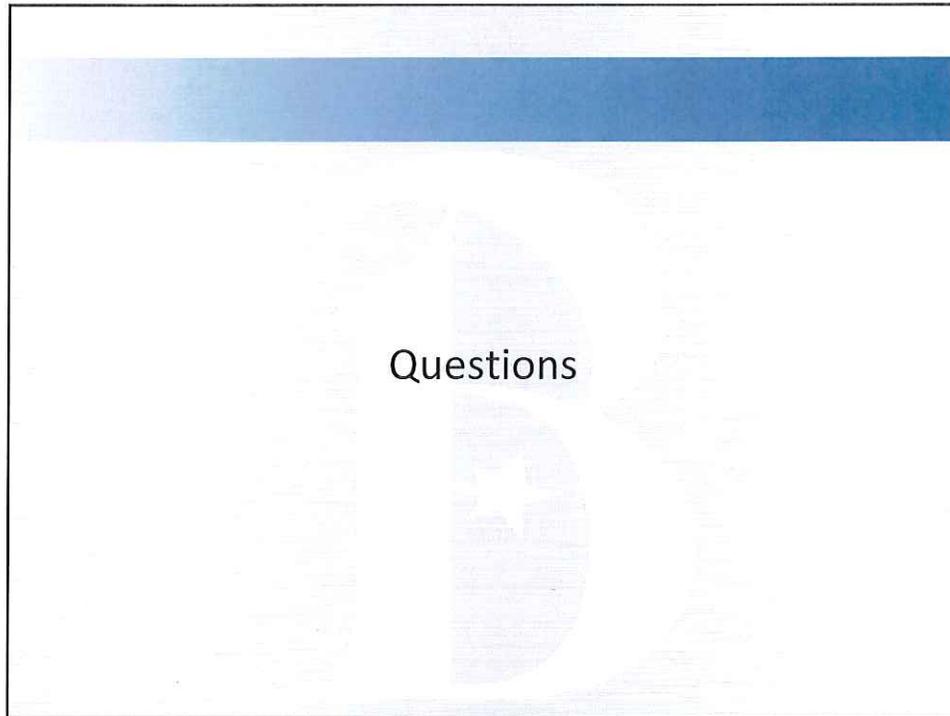
- Staff is developing an electronic database in Laserfische (City's records retention system) to catalog TXR015000 records pertaining to construction. The finished database will establish corporate history for construction activities and permit compliance.
- Staff is developing a strategy for permitting construction activities in accordance with TXR015000. Actions taken will ensure state-required documents are obtained by the City from the property owner and/or contractor before soil disturbance is allowed. Enforcement avenues available include written warning, citations, and stop work orders.
- Legal authority has been drafted to replace existing with new. The proposed ordinance establishes a permitting process for construction activities and provides enforcement for conditions and actions prohibited by TCEQ's General Permits (TXR015000, TXR040000, and TXR050000).

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Corrective Action

	MS4 Administration	Legal Authority Revision	Permitting (TXR015000)	Site Inspection (TXR015000)	Records Repository (TXR015000)	Enforcement
Code Enforcement	✓	✓				✓
Water Services	Lead	Lead				
Engineering	✓	✓	✓	✓	✓	
Development Services	✓	✓	Lead	Lead	Lead	✓
Implementation	Current	10/27/2015	10/1/2015	10/1/2015	10/1/2015	10/27/2015

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Attachment 2 – TMDL Year 3 Report Table

Carters and Burton – Implementation Activities Year 3 Check In

Management Measures:

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
<p>TCEQ NPS Program:</p> <ul style="list-style-type: none"> Funding 	<ul style="list-style-type: none"> Coordinate and expand existing water quality monitoring in the watershed 	<p>Schedule:</p> <p>Year 3:</p> <ul style="list-style-type: none"> Funding provided Project completed/nearing completion. Project reporting completed as planned. Water quality monitoring results summarized and reported. <ul style="list-style-type: none"> Water quality data submitted to TCEQ for SWQMIS inclusion. 	<ul style="list-style-type: none"> Funded and in process TWRI is monitoring <p>Monitoring continues and is scheduled through February 2015</p> <p>This has been completed and a second round has been initiated.</p>
<p>TWRI:</p> <ul style="list-style-type: none"> project management, reporting, data collection 	<ul style="list-style-type: none"> Coordinate and expand existing water quality monitoring in the watershed 	<p>See above</p>	<ul style="list-style-type: none"> Monitoring was initiated in May 2013 and is continuing monthly Volunteers are being trained (there are currently about 65 students) There is a need for storm sampling, but that is dependent on the weather Monitoring continues as planned Planned number of storm samples to be collected reached Project report will be drafted next spring <p>Same as year two.</p>
<p>NRCS & AgriLife Extension:</p> <ul style="list-style-type: none"> technical assistance 	<ul style="list-style-type: none"> Determine the water quality impacts of (1) modifications to tax valuation requirements for agricultural lands and (2) of transitioning from agriculture to wildlife valuations 	<ul style="list-style-type: none"> Tax requirement discussions complete. Educational material dissemination discussed. <p>Schedule:</p> <p>Year 1:</p> <ul style="list-style-type: none"> Discuss tax modifications and use of Appraisal District mailing for educational material dissemination. 	<ul style="list-style-type: none"> This doesn't seem to be feasible, and might not be as necessary as previously believed, given the ongoing changes in the watershed <p>No further action, as tax office has declined the idea</p> <p>No changes.</p>

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
<p>TWRI:</p> <ul style="list-style-type: none"> Seek funding support 	<ul style="list-style-type: none"> Determine the water quality impacts of (1) modifications to tax valuation requirements for agricultural lands and (2) of transitioning from agriculture to wildlife valuations 	<ul style="list-style-type: none"> Same as above? 	<ul style="list-style-type: none"> The institute has been working with an ag/econ professor on this, and they can't find anything yet, but there may be other opportunities An OSSF education grant application for 319 funding was submitted for FY14 <hr/> <ul style="list-style-type: none"> No funding sources identified for ag to wildlife valuation study OSSF education grant submitted in FY 14 not funded, resubmitted in FY 15 <p>There is still no funding available, but it is discussed twice per year.</p>
<p>Brazos County Health Dept.:</p> <ul style="list-style-type: none"> technical assistance, lead entity on all items. 	<ul style="list-style-type: none"> Work to improve OSSF identification, inspection, pre-installation planning, education, operation, maintenance, and tracking to ensure proper system functioning 	<p>Schedule:</p> <p>Year 3:</p> <ul style="list-style-type: none"> GIS info coordinated between entities. # of OSSFs identified an added to database. Finding on need for new/amended ordinance. Modified ordinances developed and put in place. Document inspection follow ups. # of inspections finding improperly operating OSSFs. # of E&O materials delivered. # of OSSF owners contacted thru E&O efforts. 	<ul style="list-style-type: none"> Plans to work with TWRI on the GIS mapping database The department has been going to cluster OSSF systems and checking them in person Some properties might be joining with the city lines, but more information is needed on the city being able to cover these costs Working with the City of Bryan on GIS mapping database, and TWRI has already started Visits to OSSFs outside city limits, as they're aware of the ones inside city limits Putting things together for outreach and education, but need an opportunity to distribute <p>Same as year two, and they are hiring someone to work on this (investigations, follow-ups).</p>
<p>TWRI:</p> <ul style="list-style-type: none"> Seek funding; develop & administer focused project 	<ul style="list-style-type: none"> Work to improve OSSF identification, inspection, pre-installation planning, education, operation, maintenance, and tracking to ensure proper system functioning 	<p>Schedule:</p> <p>Year 3:</p> <ul style="list-style-type: none"> # of E&O materials delivered. # of OSSF owners contacted thru E&O efforts. 	<ul style="list-style-type: none"> In progress, and present coordination with BCHD OSSF identification and estimation effort continues Outcome will be included in report developed next spring <p>They are developing a proposal to deliver this statewide. It includes online education, homeowner training, hands on training for technical service providers, and targets elected officials for outreach.</p>

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
<p>City Of Bryan:</p> <ul style="list-style-type: none"> implement and fund its SSO initiative. <p>City Of College Station:</p> <ul style="list-style-type: none"> establish implement and fund its SSO initiative. 	<ul style="list-style-type: none"> Implement sanitary sewer overflow (SSO) initiatives as appropriate across the watershed. 	<p>Schedule: Year 3:</p> <ul style="list-style-type: none"> Inflow and infiltration studies completed to target repairs # SSO incidents tracked; cause and source identified # of repairs documented and tracked GIS of SSO initiative actions # of E&O materials disseminated. # of customers reached by E&O material delivery. 	<p>Bryan:</p> <ul style="list-style-type: none"> The initiative is active and being maintained – there have been PSAs, over 1000 sewer stops, repairs to private lines, and many miles of pipelines have been cleaned <p>College Station:</p> <ul style="list-style-type: none"> The initiative is active and being maintained – there have been PSAs, See email if more details are needed. <p>Both Cities:</p> <ul style="list-style-type: none"> GIS mapping with TWRI was started, but has been stalled. This might be able to get started back up <p>City of Bryan:</p> <ul style="list-style-type: none"> # of sewer stops 977 SSO response time 41:16 minutes 27.8 miles of sewer pipe smoke tested; 151 cleanouts replaced, 74 private side defects repaired, 31 public defects identified, 20 manhole defects identified. Repair to public assets are made based on CIP planning and/or severity of damage 124 manholes repaired 195 grease traps inspected All SSO sources identified, work orders documented in GIS and work order management system <p>City of College Station:</p> <ul style="list-style-type: none"> Active line-cleaning work orders on spills, smoke testing and rehab program. <p>CoB: 856 sewer stops, 19 cleanouts, 911 repairs, 202 manholes repaired, 234 grease trap inspections, etc.</p> <p>CoCS developed and submitted a plan to regional headquarters, but was informed it was unnecessary. They are working through similar programs as CoB on their own accord.</p>
<p>Agencies (TPWD, TSSWCB, NRCS, Brazos Co. SWCD #450)</p> <ul style="list-style-type: none"> provide technical & financial assistance as available. 	<ul style="list-style-type: none"> Voluntary BMP implementation on private properties 	<p>Schedule: Year 3:</p> <ul style="list-style-type: none"> Contacts documented. # of landowners willing to participate. # of plans developed. # and type of BMPs implemented. # of E&O materials disseminated. # of landowners reached through E&O efforts. 	<ul style="list-style-type: none"> TSSWCB – no active BMPs, but ag land is declining in the watershed Prioritizing has been done, but nothing more since then <p>There are no BMPs that they know of as of now, but TPWD might be a resource for that (not present at meeting)</p> <p>Lucas can check with TSSWCB and TPWD on this.</p>

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
<p>Brazos County</p> <ul style="list-style-type: none"> • Ordinances in unincorporated areas of the county. • Participating in assessment of local awards program. • Planning/ delivery/ participation in E&O activities. 	<ul style="list-style-type: none"> • Continue existing, and work to establish, mechanisms that encourage and promote future redevelopment and redevelopment that will mitigate adverse water quality impacts in the watershed 	<p>Schedule: Year 3:</p> <ul style="list-style-type: none"> • Documentation of awards given annually. • Winners publicly announced via available information outlets. • Documentation of ordinance or rule modifications in support of SWMPs. • Documentation of coordinated E&O activities held jointly between entities. 	<ul style="list-style-type: none"> • No awards program – more information/assistance needed • Active MS4 outreach • BrazosClean Water.org shows the outreach efforts and education including household hazardous waste programs and clean ups <p>Developed newsletter for City of College Station planning and development that recognizes folks/businesses doing good practices for water quality improvement</p> <p>Cleanwater.org is still up, and the program is continuing.</p>
<p>COB</p> <ul style="list-style-type: none"> • Ordinances in city's jurisdiction. • Participating in assessment of local awards program. • Planning/ delivery/ participation in E&O activities. 	<ul style="list-style-type: none"> • Continue existing, and work to establish, mechanisms that encourage and promote future redevelopment and redevelopment that will mitigate adverse water quality impacts in the watershed 	<p>Schedule: Year 3:</p> <ul style="list-style-type: none"> • Documentation of awards given annually. • Winners publicly announced via available information outlets. • Documentation of ordinance or rule modifications in support of SWMPs. • Documentation of coordinated E&O activities held jointly between entities. 	<ul style="list-style-type: none"> • No awards program – more information/assistance needed • Active MS4 outreach • BrazosClean Water.org shows the outreach efforts and education including household hazardous waste programs and clean ups • \$5899 expensed in E&O materials and print • New brochure on property management and code enforcement created (English and Spanish) • PSA on building codes launched • New ordinance created for mobile food vending and revised oil & gas well ordinance • Submitted new SWMP for coverage under General Permit. Received preliminary approval from TCEQ Exec. Director for permit. Permit should be issued within 45 days <p>Both CoCS and CoB: working on ordinance and policy changes to issue fines and stop permitting processes, building permits, etc. when necessary.</p> <p>CoB also printed project highlights in local newspaper and had a one hour call-in time to talk about wastewater, targeting Hispanic populations.</p>

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
COCS <ul style="list-style-type: none"> • Ordinances in city's jurisdiction • Participating in assessment of local awards program. • Planning/ delivery/ participation in E&O activities. 	<ul style="list-style-type: none"> • Continue existing, and work to establish, mechanisms that encourage and promote future redevelopment and improvement that will mitigate adverse water quality impacts in the watershed 	Schedule: Year 3: <ul style="list-style-type: none"> • # of acres tracked that are considered or are enrolled in 'Greenways' program. 	<ul style="list-style-type: none"> • No awards program – more information/assistance needed • Active MS4 outreach • BrazosCleanWater.org shows the outreach efforts and education including household hazardous waste programs and clean ups • Developed newsletters to acknowledge activities completed and a watershed tour of these for students • Earth day activities, using utility bills to send educational materials (proven effective through responses) <p>See above.</p>

Control Actions:

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
Brazos County <ul style="list-style-type: none"> • Implementing its SWMP. • Completing annual SWMP report. • Revising and keeping its MS4 permit current. • Coordinating with other MS4 entities. 	<ul style="list-style-type: none"> • Implement entity-specific MS4 Phase II SWMPs throughout the watershed 	Schedule: Year 3: <ul style="list-style-type: none"> • Annual reports to TCEQ documenting progress in implementing MCMs and BMPs. • Actions of meetings documented and brazoscleanwater.org updated. • Documentation of E&O efforts. • # of E&O materials delivered. • # of people/households reached through E&O efforts. 	<ul style="list-style-type: none"> • The permit expired and now waiting on TCEQ to approve new permit • See efforts through Brazos Clean Water program Permit submitted <p>Approved.</p>
COB <ul style="list-style-type: none"> • Implementing its SWMP. • Completing annual SWMP report. • Revising and keeping its MS4 permit current. • Coordinating with other MS4 entities. • operating Burton Creek WWTF. 	<ul style="list-style-type: none"> • Implement entity-specific MS4 Phase II SWMPs throughout the watershed • Continue monitoring WWTF effluent E. coli levels according to individual permit requirements 	Schedule: Year 3: <ul style="list-style-type: none"> • Annual reports to TCEQ documenting progress in implementing MCMs and BMPs. • Actions of meetings documented and brazoscleanwater.org updated. • Documentation of E&O efforts. • # of E&O materials delivered. • # of people/households reached through E&O efforts. 	<ul style="list-style-type: none"> • Monitoring is occurring and levels are looking good <p>Permit resubmitted, should be renewed soon</p> <p>Approved.</p>

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
<p>COCS</p> <ul style="list-style-type: none"> • Implementing its SWAMP. • Completing annual SWMP report. • Revising and keeping its MS4 permit current. • Coordinating with other MS4 entities. • operating Carters Creek and Carter Lake WWTFs. 	<ul style="list-style-type: none"> • Implement entity-specific MS4 Phase II SWMPs throughout the watershed • Continue monitoring WWTF effluent E. coli levels according to individual permit requirements 	<p>Schedule: Year 3:</p> <ul style="list-style-type: none"> • Annual reports to TCEQ documenting progress in implementing MCMs and BMPs. • Actions of meetings documented and brazoscleanwater.org updated. • Documentation of E&O efforts. • # of E&O materials delivered. • # of people/households reached through E&O efforts. <p>Schedule: All Years:</p> <ul style="list-style-type: none"> • Operate their permitted discharges in accordance with their individual permits. • Report <i>E. coli</i> levels in effluent as required by permit. 	<ul style="list-style-type: none"> • Monitoring is occurring and levels are looking good <p>Permit renewed in December</p> <p>Approved.</p>

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
<p>Texas A&M</p> <ul style="list-style-type: none"> Implementing its SWMP. Completing annual SWMP report. Revising and keeping its MS4 permit current. Coordinating with other MS4 entities. operating the Texas A&M Central Utility. 	<p>Implement entity-specific MS4 Phase II SWMPs throughout the watershed</p> <ul style="list-style-type: none"> Continue operating the TAMU Central Utility according to individual permit requirements 	<p>Schedule: Year 3:</p> <ul style="list-style-type: none"> Annual reports to TCEQ documenting progress in implementing MCMs and BMPs. Actions of meetings documented and brazoscleanwater.org updated. Documentation of E&O efforts. # of E&O materials delivered. # of people/households reached through E&O efforts. <p>Schedule: All Years: Operate their permitted discharges in accordance with their individual permits.</p>	<ul style="list-style-type: none"> See efforts through Brazos Clean Water program Developed construction inspection program The permit expired and now waiting on TCEQ to approve new permit Outfall inspections are occurring Burton creek will have a stream clean event SWMP has been implemented (revised and renewed, sent to TCEQ June 2014) Reports are done annually and submitted to TCEQ Construction inspection program has been established. All projects that disturb earth are inspected by EHS every two weeks New MS4 permit approved December 2013 <p>Approved.</p> <ul style="list-style-type: none"> The annual meeting date was changed. Running bud ad year-round to advertise this. There is a working group for environmental compliance. They are focusing on construction permits and providing education about environmental impacts.
<p>TxDOT Bryan District</p> <ul style="list-style-type: none"> Implementing its SWMP. Completing annual SWMP report. Revising and keeping its MS4 permit current. Coordinating with other MS4 entities. 	<p>Implement entity-specific MS4 Phase II SWMPs throughout the watershed</p>	<p>Schedule: Year 3:</p> <ul style="list-style-type: none"> Annual reports to TCEQ documenting progress in implementing MCMs and BMPs. Actions of meetings documented and brazoscleanwater.org updated. Documentation of E&O efforts. # of E&O materials delivered. # of people/households reached through E&O efforts. 	<ul style="list-style-type: none"> See efforts through Brazos Clean Water program Agreement where City of College Station has monitoring samplers, but waiting on rain events TCEQ received annual report with all MS4 information needed – checklist included There was an evidentiary file review with no findings. The state-wide permit will be reviewed later this year.

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
<p>TCEQ</p> <ul style="list-style-type: none"> Ensuring permit compliance & enforcement. 	<ul style="list-style-type: none"> Ensure permit compliance for MS4s and TPDES permittees 	<ul style="list-style-type: none"> Perform inspections as required by permit <p>Schedule:</p> <ul style="list-style-type: none"> Receive and review annual reports for MS4s Perform inspections as required Review discharge monitoring data to ensure permit compliance 	<ul style="list-style-type: none"> No MS4s inspections this year, but FY14 for both College Station and Bryan For TPDES the following comprehensive compliance investigations were completed: City of Bryan Burton Creek WWTP, WQ0010426001 (3/7/13), City of College Station Carter Lake WWTP, WQ0013153001 (5/7/13); and Texas A&M Power Plant, WQ00040020000 (11/13/12) All necessary annual reports were submitted for MS4s <p>For TPDES the following comprehensive compliance investigations were completed:</p> <ul style="list-style-type: none"> -Bryan Burton Creek WWTP, WQ0010426001 (10/14/14) -City of College Station Carter Lake WWTP, WQ0013153001 (5/7/13) -Texas A&M Power Plant, WQ0004002000 (11/13/12) -Carters Creek WWTP, WQ0010024006 (5/7/14) -Glenn Oaks MHP, WQ0012296001 (5/5/15) <p>For MS4 the following reconnaissance investigations were completed:</p> <ul style="list-style-type: none"> -City of College Station MS4, TXR040008 (11/8/13) -City of Bryan MS4, TXR040336 (11/8/13) -Texas A&M University MS4, TXR040237 (11/8/13)
<p>Owner/operator of Glen Oaks WWTF</p> <ul style="list-style-type: none"> operates WWTF 	<ul style="list-style-type: none"> Continue monitoring WWTF effluent E. coli levels according to individual permit requirements 	<ul style="list-style-type: none"> operate WWTF in compliance with permit <p>Schedule:</p> <p>All Years:</p> <ul style="list-style-type: none"> Operate their permitted discharges in accordance with their individual permits. 	<ul style="list-style-type: none"> Difficult to contact – can look at TCEQ records of compliance and complaints to check on this Records showed compliance <p>No new information.</p>

Attachment 3 – Carters Creek Watershed Assessment Update



Carters Creek Watershed Assessment Update

Lucas Gregory

Texas Water Resources Institute

May 23, 2014



Routine Monitoring

Type and Frequency

- Monthly ambient water quality monitoring
- Occurs at 4 locations
- Will continue for 2 years
- 96 samples anticipated
- Data will be submitted to TCEQ for future water quality assessments

- 14 sampling events completed to date

Data Collected

- Field Data
 - Temperature
 - pH
 - DO
 - Conductivity
 - Flow

- Lab Data
 - E. coli (1603 Method)

Stormwater Monitoring

Type and Frequency

- Automated sample collection
- Occurs at 2 locations
- Goal of 10 storm events sampled at each site
- Data will be submitted to TCEQ but **WILL NOT** be used in future water quality assessments

Data Collected

- Field Data
 - Temperature
 - pH
 - DO
 - Conductivity
 - Flow
- Lab Data
 - E. coli (1603 Method)

Reconnaissance Monitoring

Types and Frequency

- Volunteer data collection using the Texas Stream Team monitoring protocol
- Monthly at 10 locations
- Data will be submitted to the Texas Stream Team database
- Not used in water quality assessments

- 14 sampling events completed to date

Data Collected

- Field Data
 - Temperature
 - Water Transparency
 - Total Depth
 - DO
 - pH
 - Conductivity

- Lab Data
 - E. coli (IDEXX Method)

Water Quality Monitoring Sites

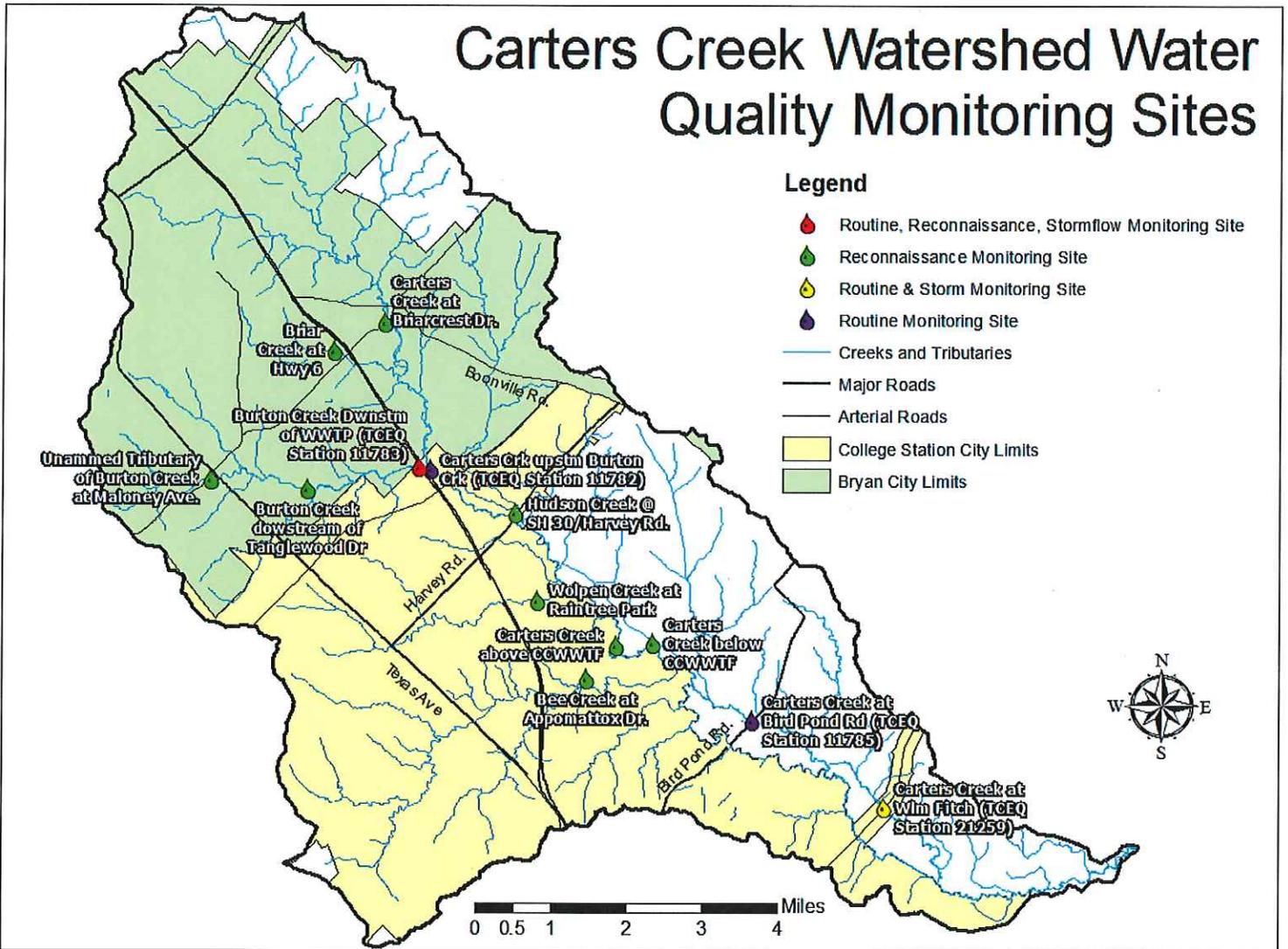
Table 1. Carters Creek Watershed Monitoring Sites

TCEQ Station #	Site Name/Location	Sampling Frequency
11785	Carters Creek @ Bird Pond Road	monthly
11782	Carters Creek @ SH 6 (upstream of Burton Creek confluence)	monthly
21259	Carters Creek @ William D. Fitch	monthly
11783	Burton Creek @ SH 6 (downstream of WWTF)	monthly
TCEQ Station #	Site Name/Location	Sampling Frequency
11785	Carters Creek @ Bird Pond Road	during storm events
11783	Burton Creek @ SH 6	during storm events
TST Station #	Site Name/Location	Sampling Frequency
80908	Burton Creek @ SH 6 (downstream of WWTF)	monthly
80909	Carters Creek @ Briarcrest Dr.	monthly
80910	Unnamed tributary of Burton Creek @ Maloney Ave.	monthly
80911	Bee Creek @ Appomattox Dr.	monthly
80912	Burton Creek 65 m downstream of Tanglewood Dr.	monthly
80913	Carters Creek below CCWWTF outfall	monthly
80914	Wolfpen Creek @ Raintree Park	monthly
80915	Briar Creek @ Hwy 6	monthly
80916	Carters Creek above CCWWTF outfall	monthly
80917	Hudson Creek @ SH 30/Harvey Rd.	monthly

Use of Information

- Will hopefully provide insight into potentially problematic areas of the watershed
- Comparative analysis of all water quality data will be done
- Watershed GIS and survey info will be considered in the data analysis
- Information conveyed to watershed stakeholders for use in future decision making regarding watershed management

Carters Creek Watershed Water Quality Monitoring Sites



VOLUNTEER WATER QUALITY DATA

Volunteer Effort

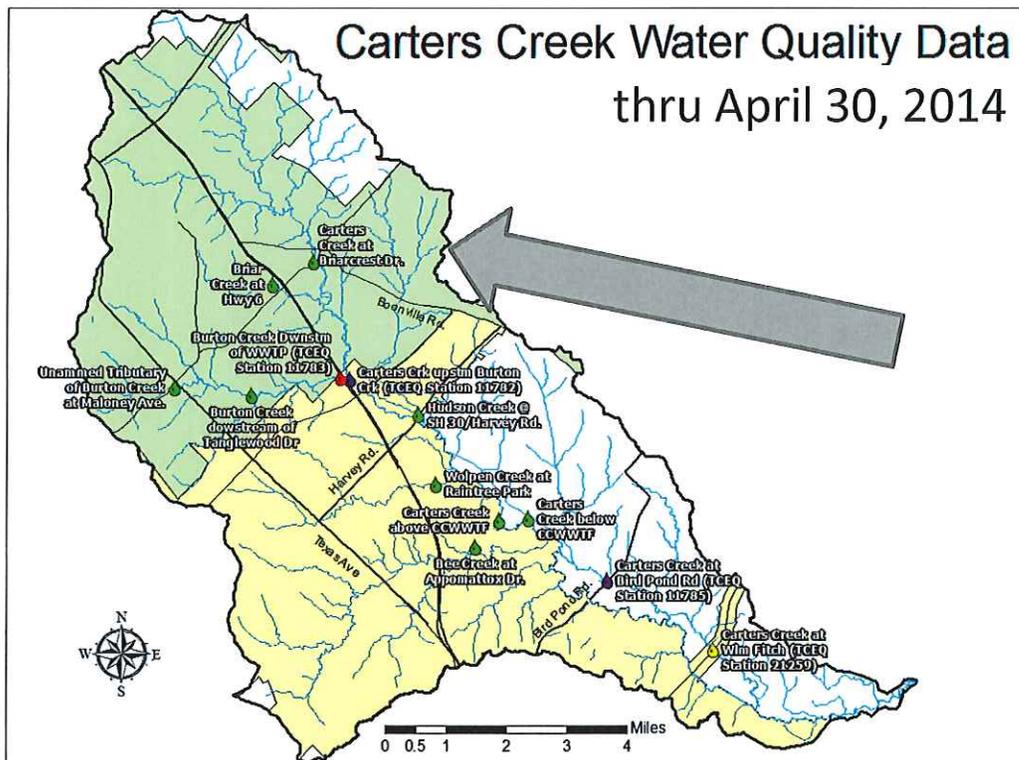
Trainings

- 9 training events conducted
- 85 volunteers trained
- 155 volunteers on contact list
- 384.5 hours contributed during trainings
- More trainings to be held in the near future

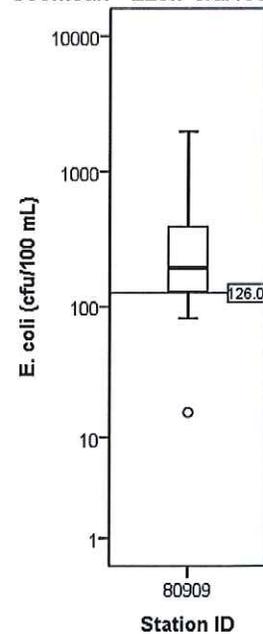
Monitoring

- 14 monitoring events conducted
- 1 – 1.5 hours per event
- 2 – 3 volunteers per site per event
- 378 volunteer hours contributed through monitoring

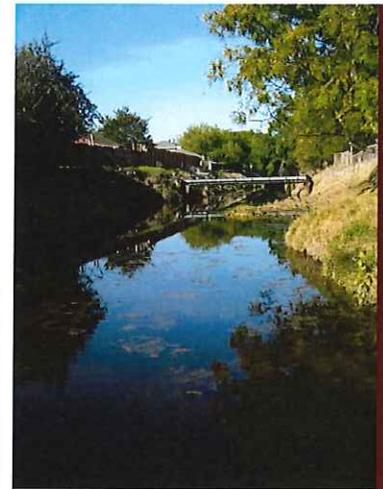
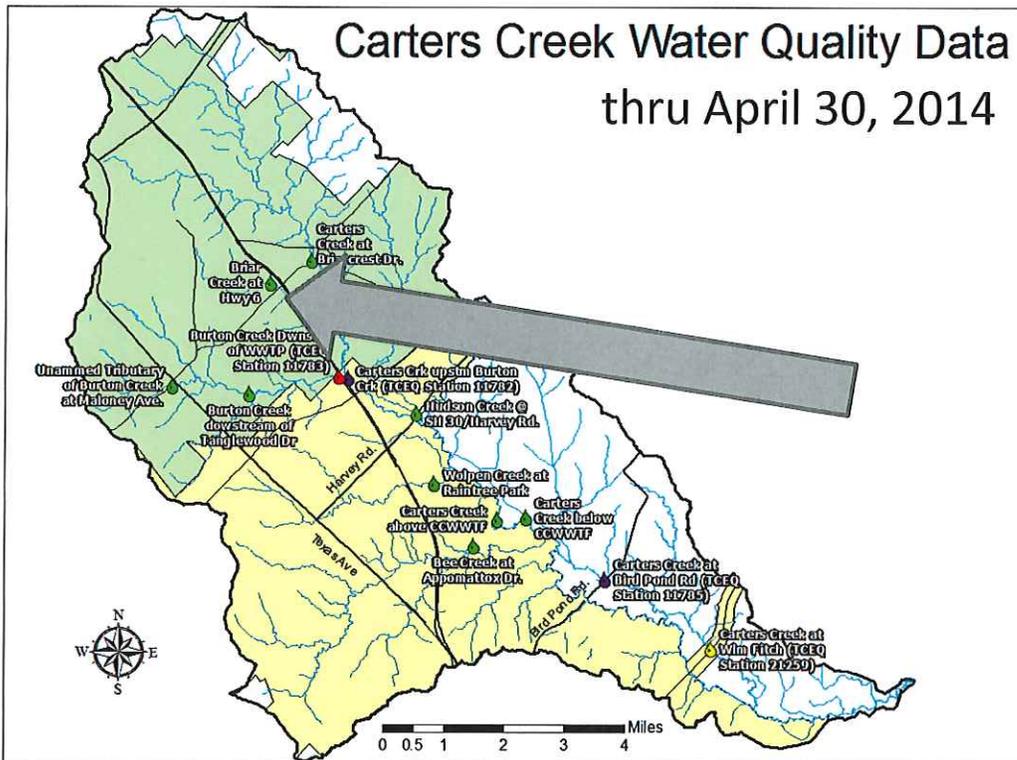
Carters Creek @ Briarcrest



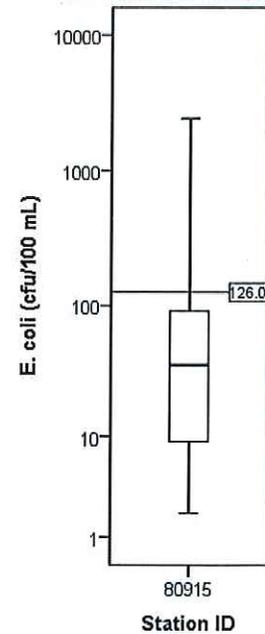
Geomean = 220.7 cfu/100mL



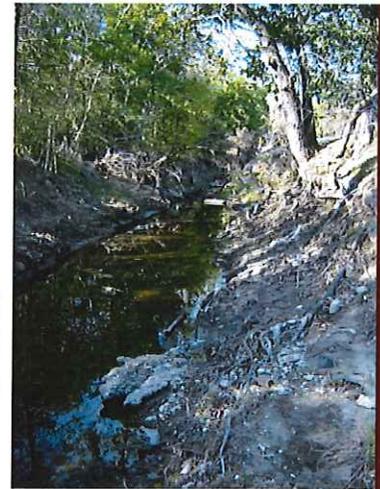
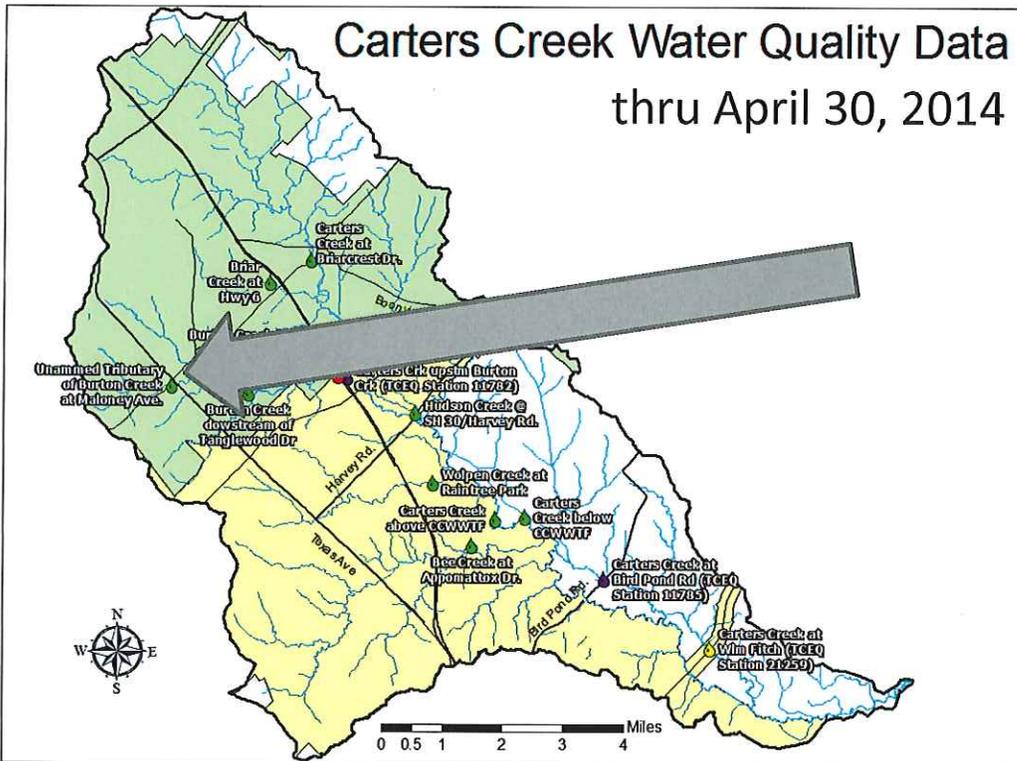
Briar Creek @ SH 6



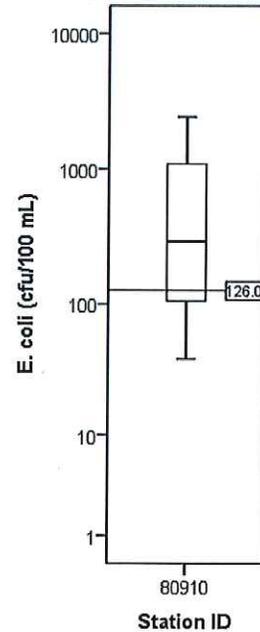
Geomean = 30 cfu/100mL



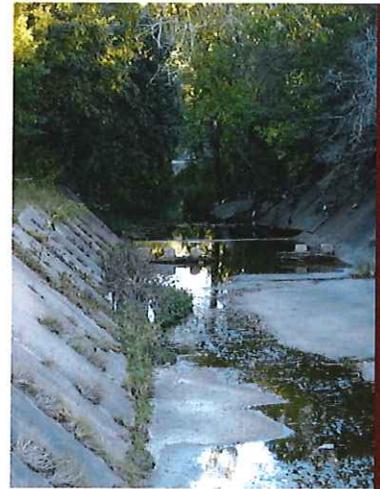
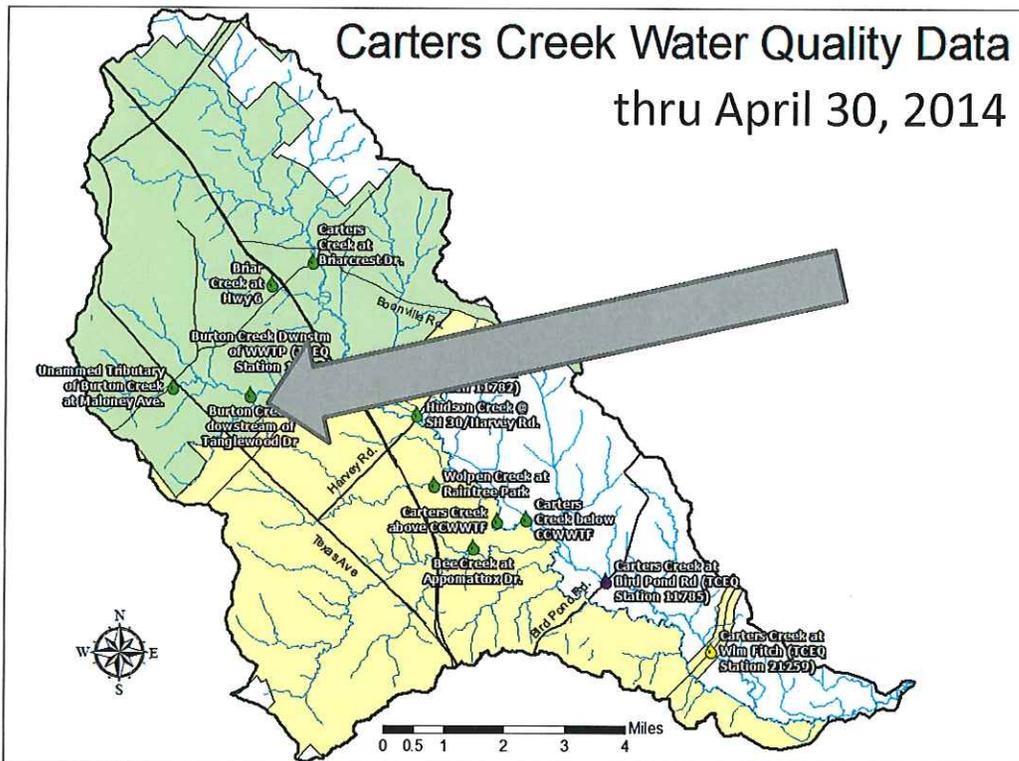
Unnamed Tributary @ Maloney



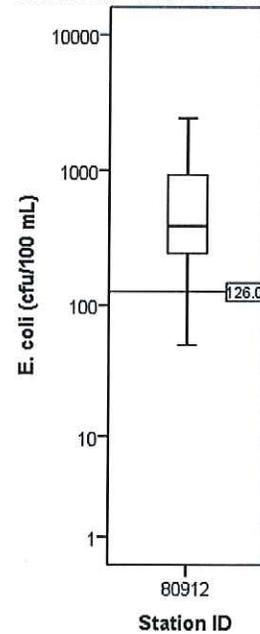
Geomean = 309.0 cfu/100mL



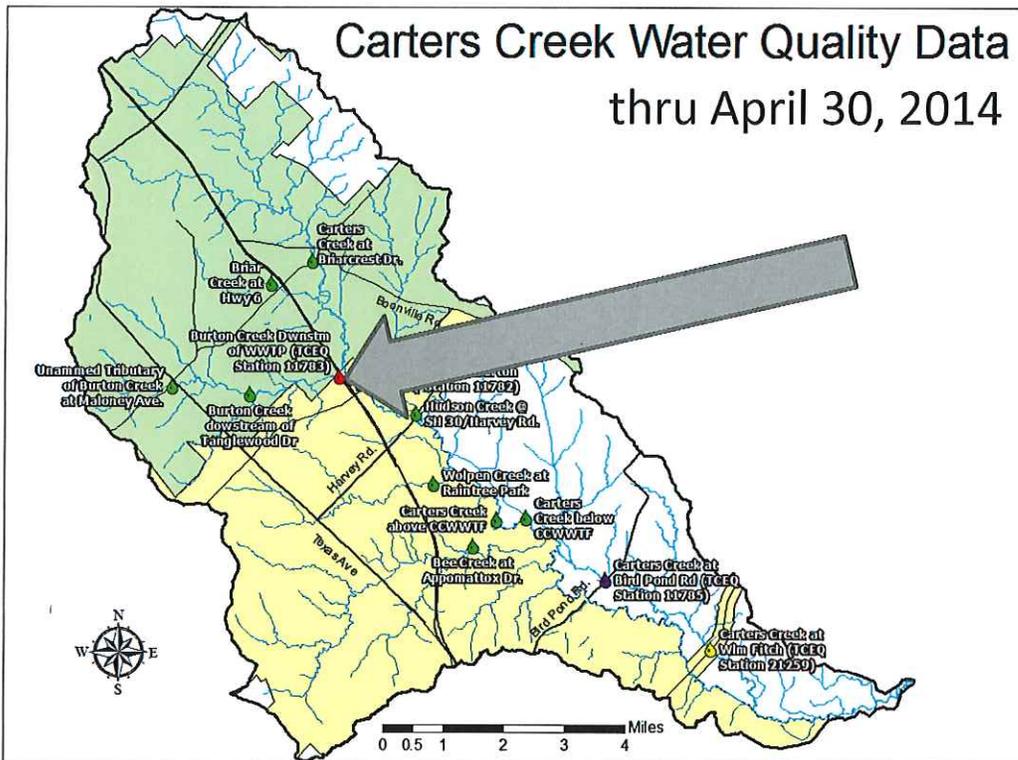
Burton Creek @ Tanglewood



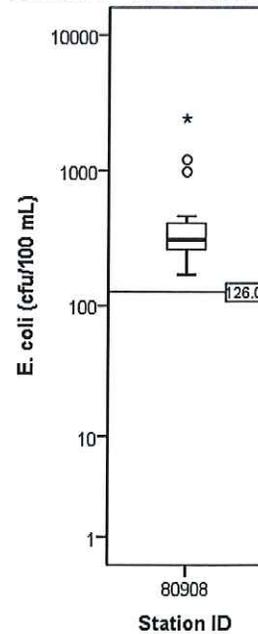
Geomean = 420.3 cfu/100mL



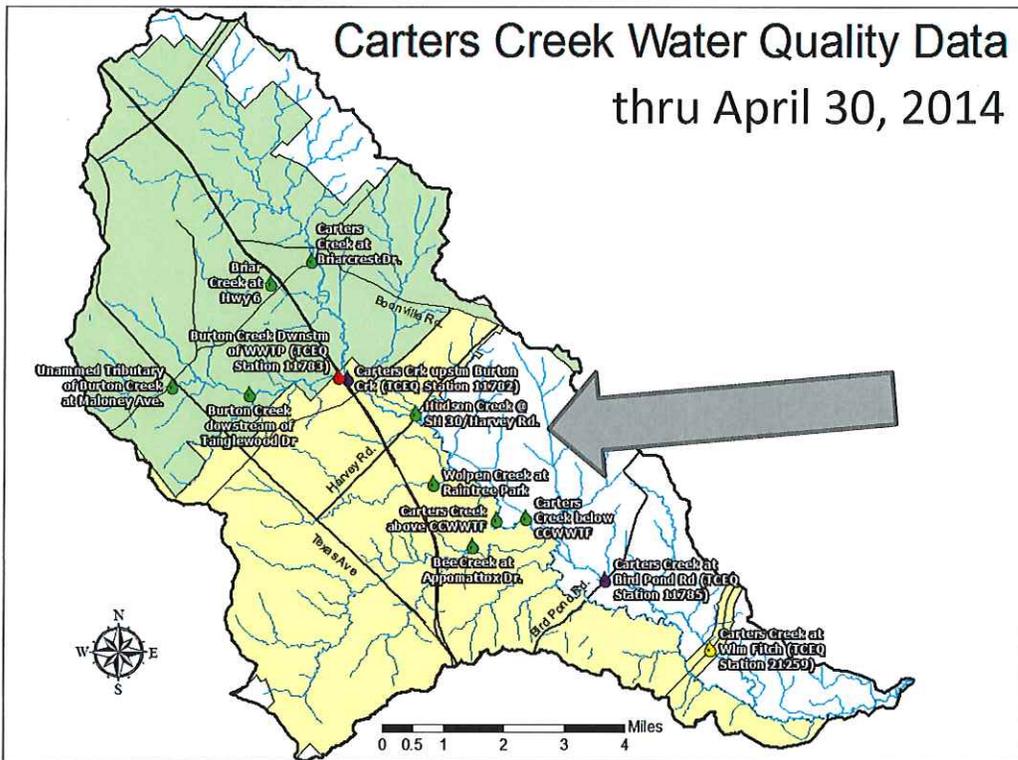
Burton Creek @ SH 6



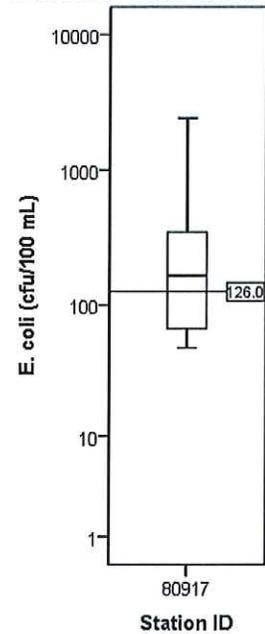
Geomean = 385.5 cfu/100mL



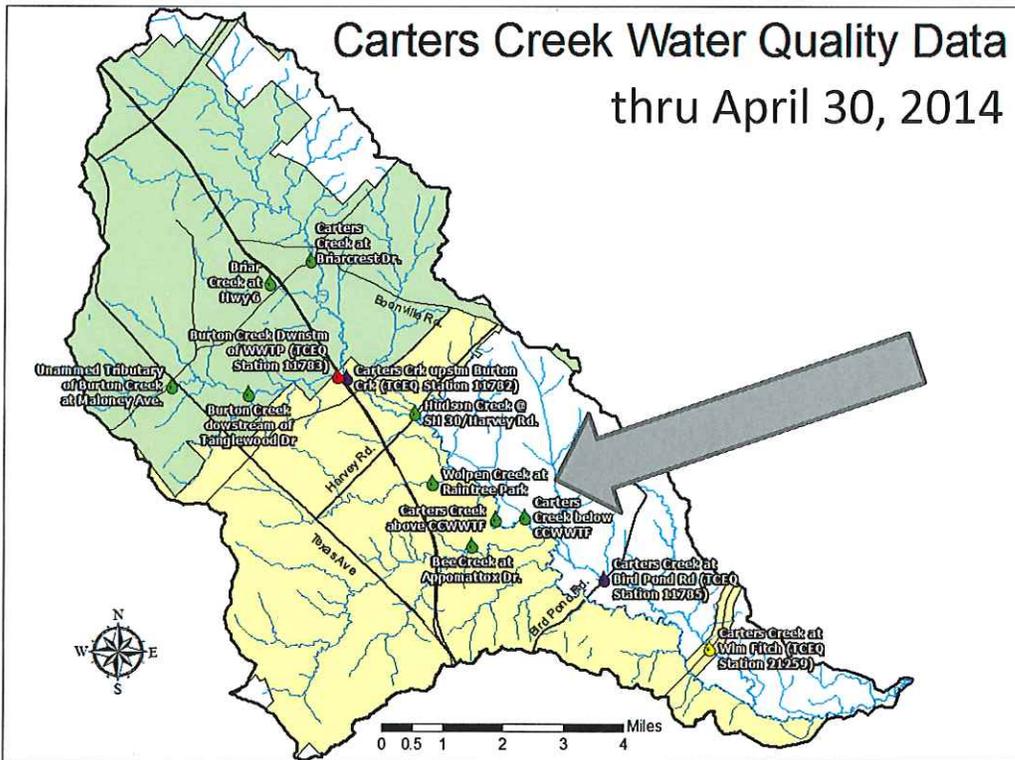
Hudson Creek @ SH 30



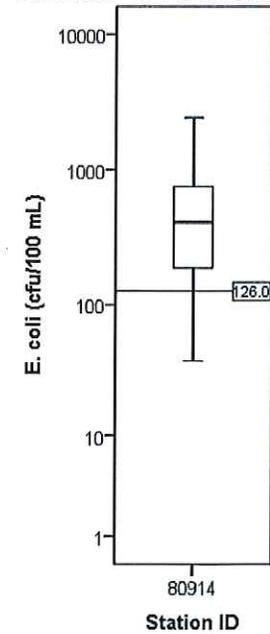
Geomean = 178.4 cfu/100mL



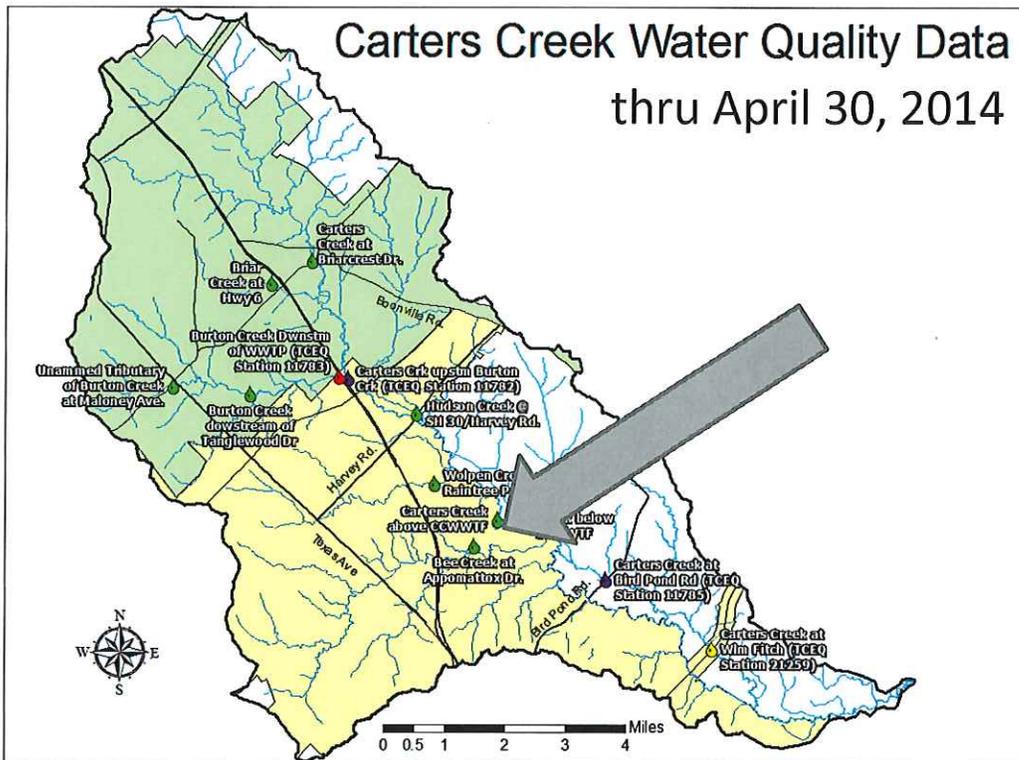
Wolfpen Creek @ Raintree Park



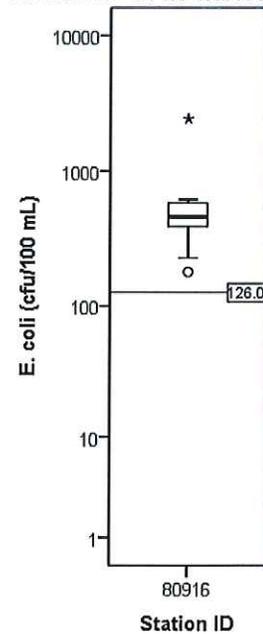
Geomean = 377.5 cfu/100mL



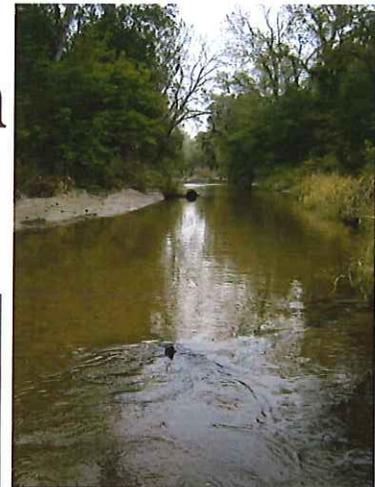
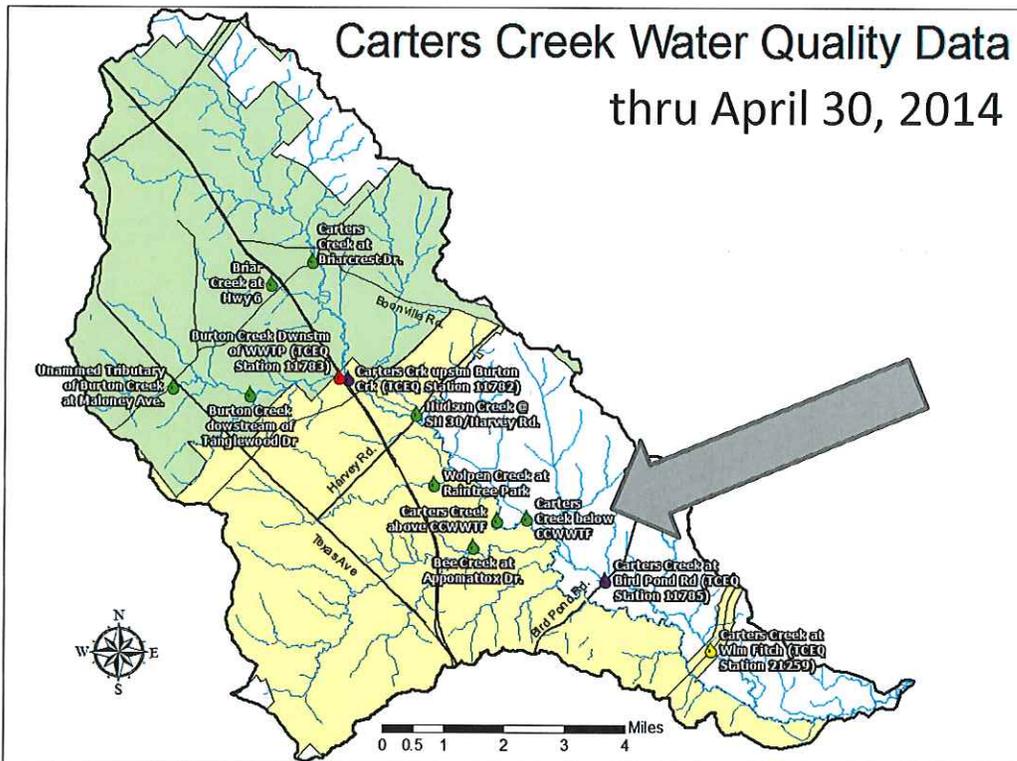
Carters Creek Upstream of WWTF



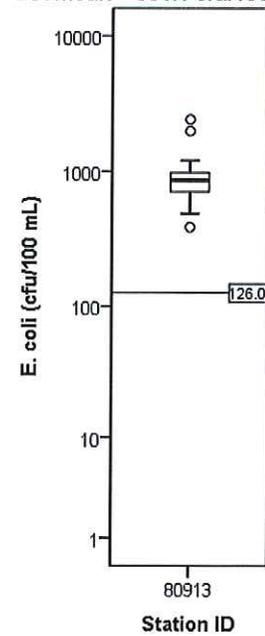
Geomean = 514.6 cfu/100mL



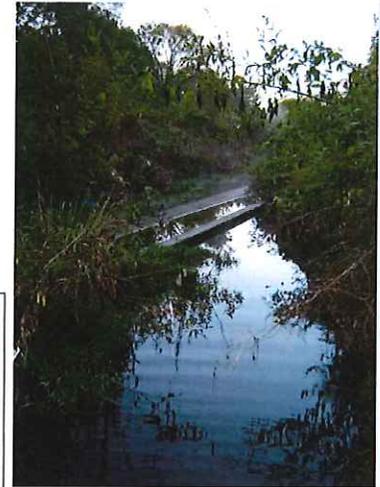
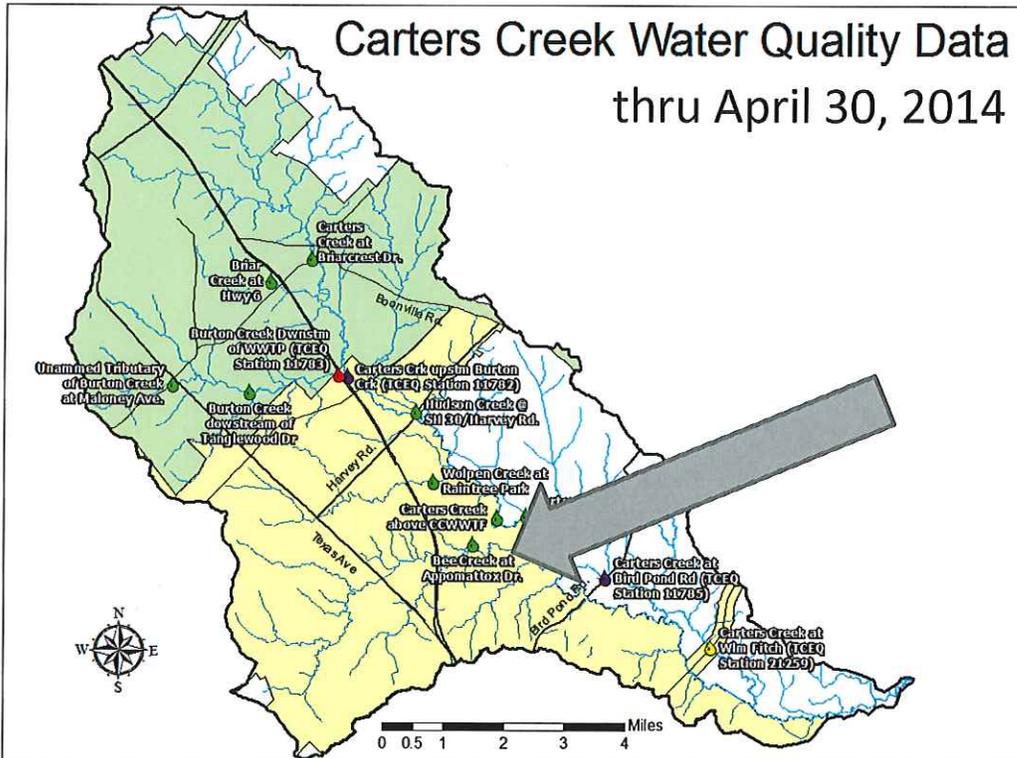
Carters Creek Downstream of WWTF



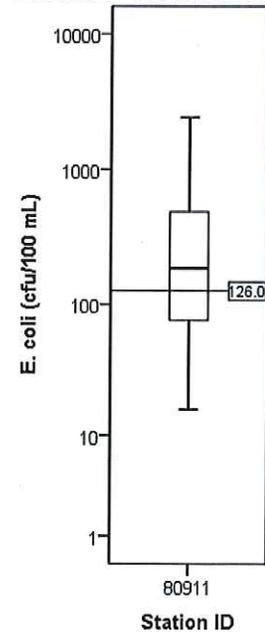
Geomean = 881.1 cfu/100mL



Bee Creek @ Appomattox Dr.

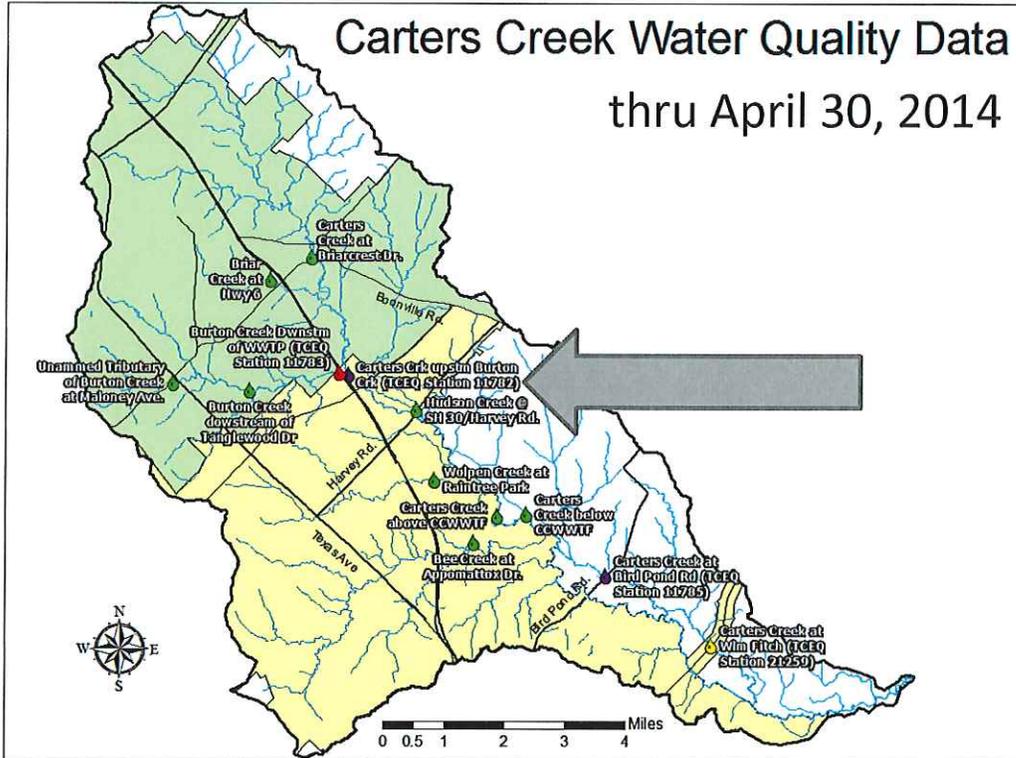


Geomean = 216.0 cfu/100mL

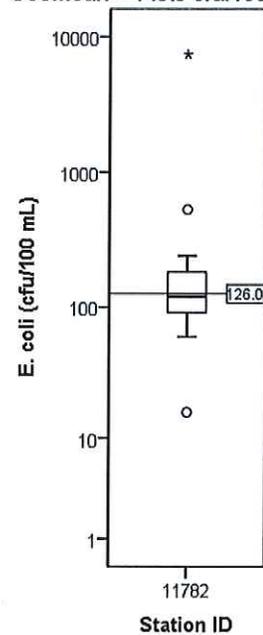


ROUTINE WATER QUALITY DATA

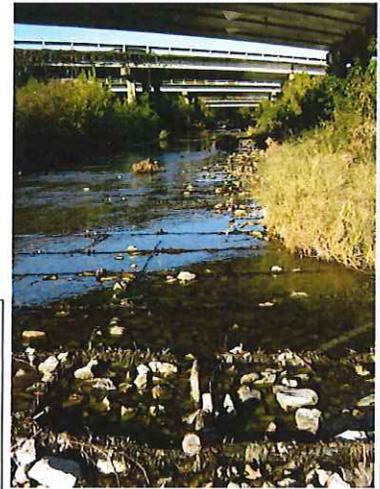
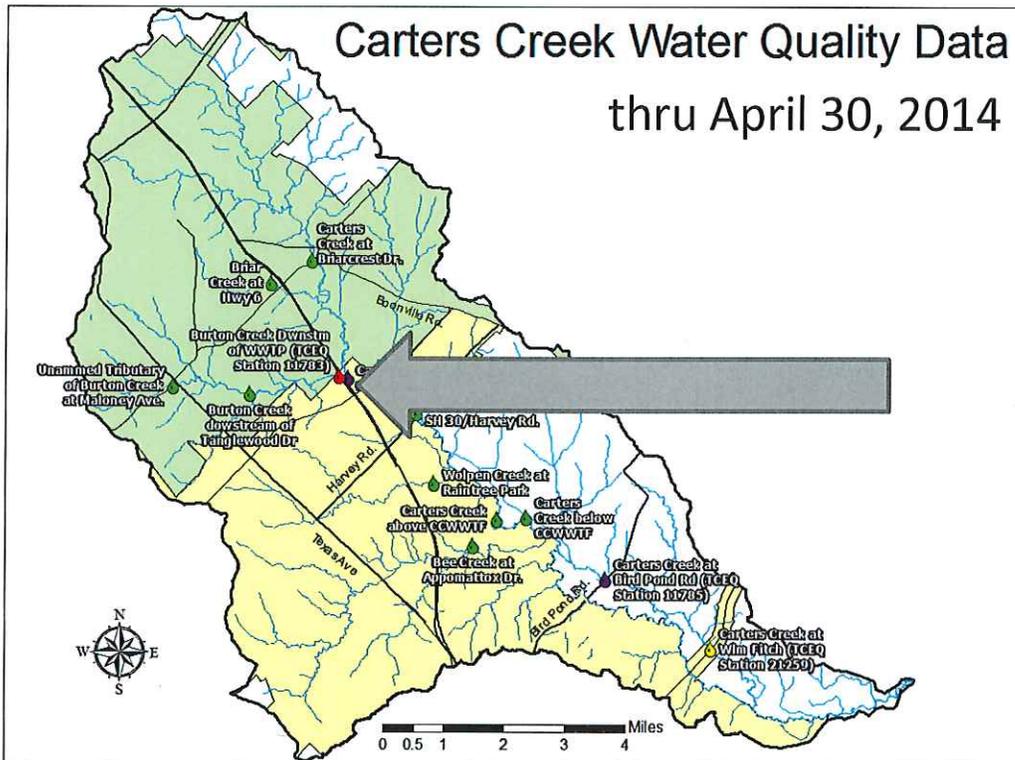
Carters Creek Upstream of Burton Creek



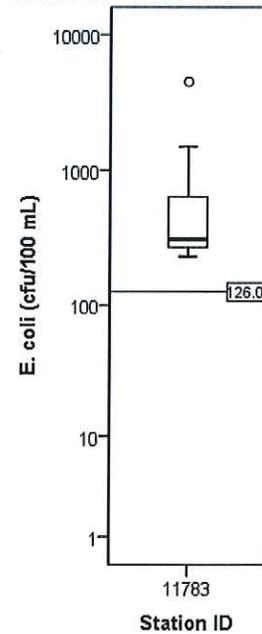
Geomean = 149.9 cfu/100mL



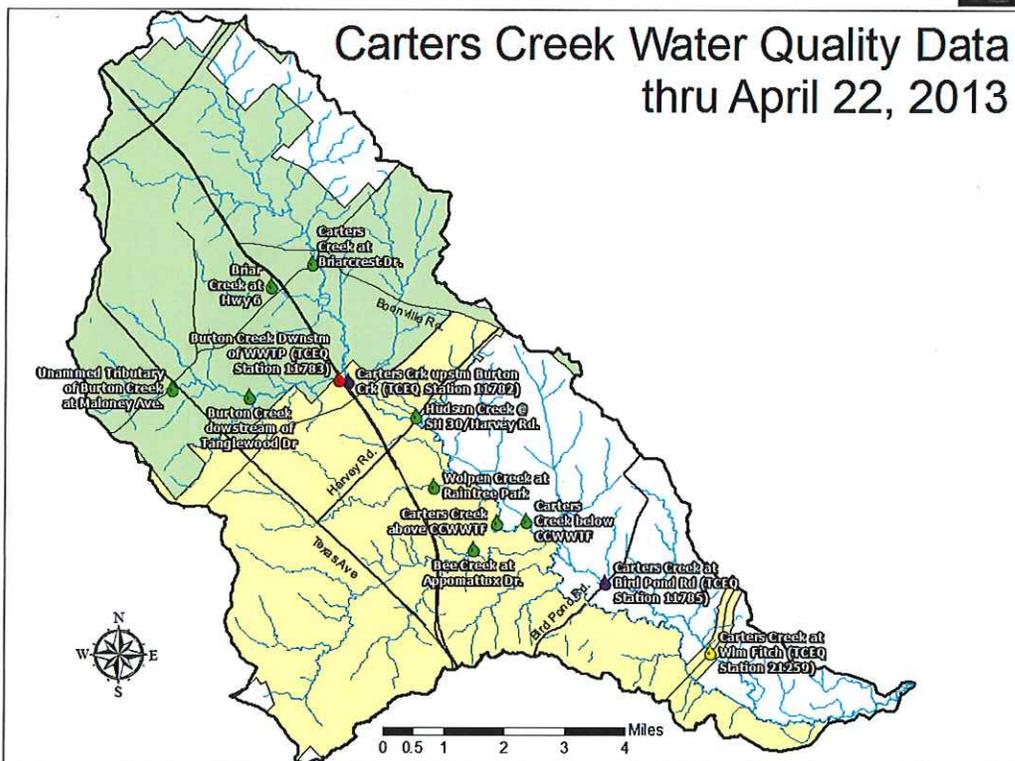
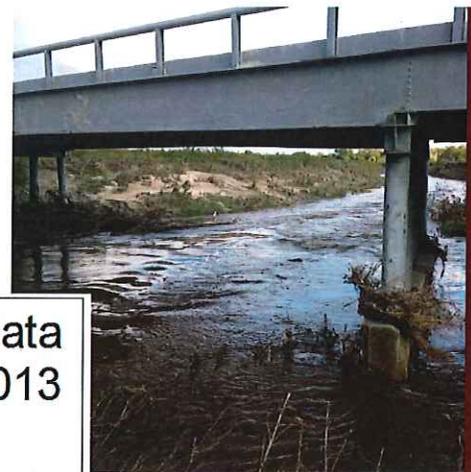
Burton Creek Downstream of WWTF



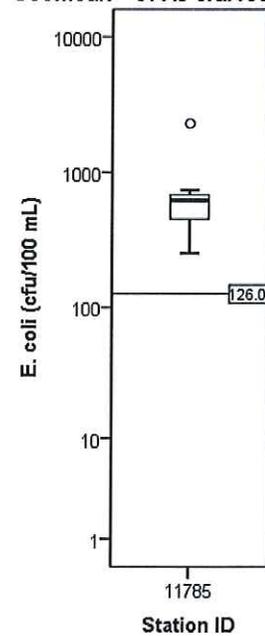
Geomean = 484.2 cfu/100mL



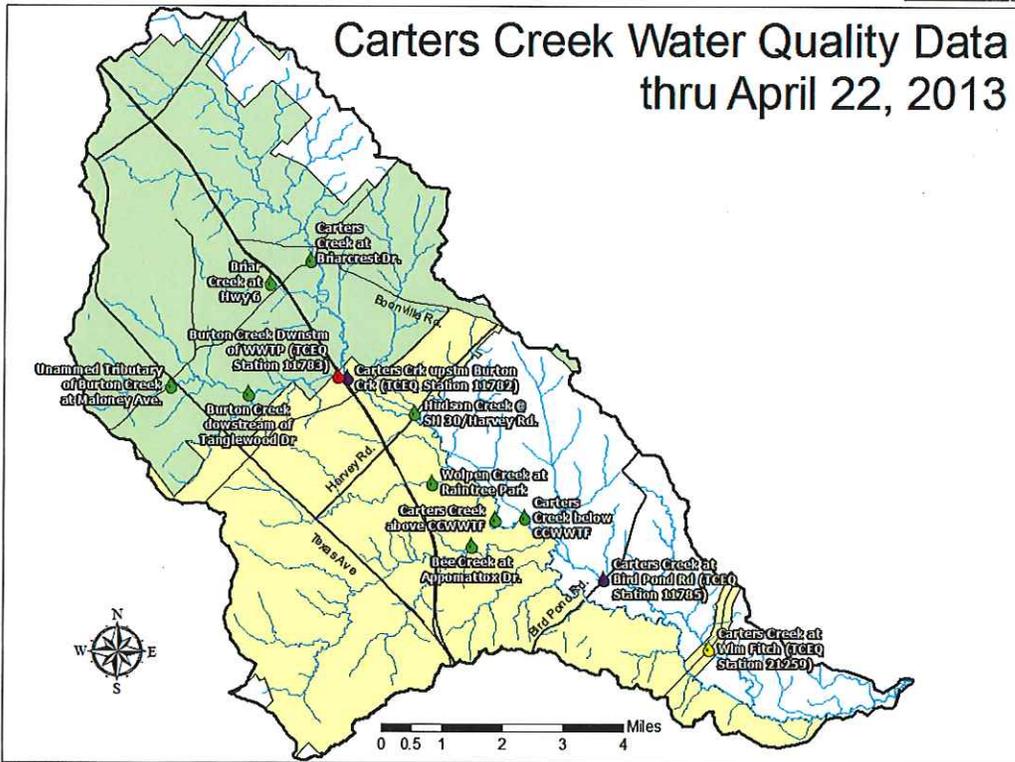
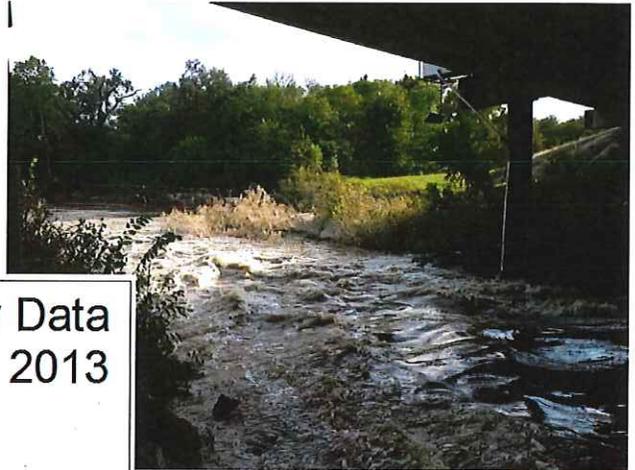
Carters Creek @ Bird Pond Rd.



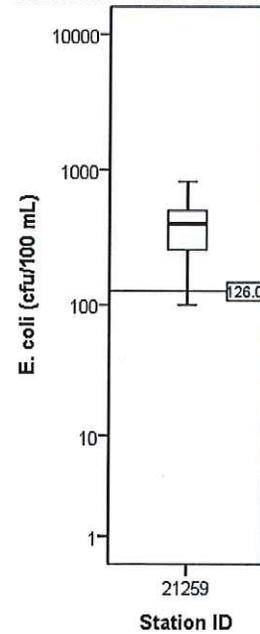
Geomean = 577.9 cfu/100mL



Carters Creek @ W.D. Fitch



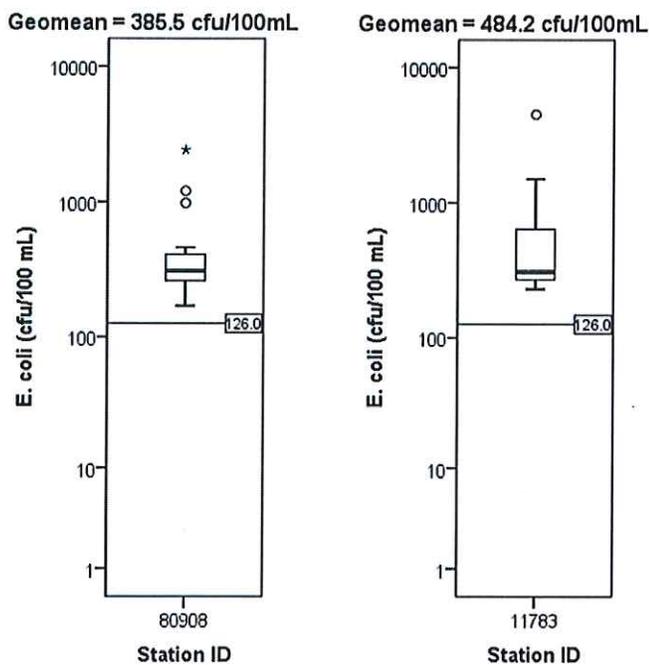
Geomean = 348.6 cfu/100mL



DATA COMPARISON

Burton Creek @ SH 6

Volunteer : Routine

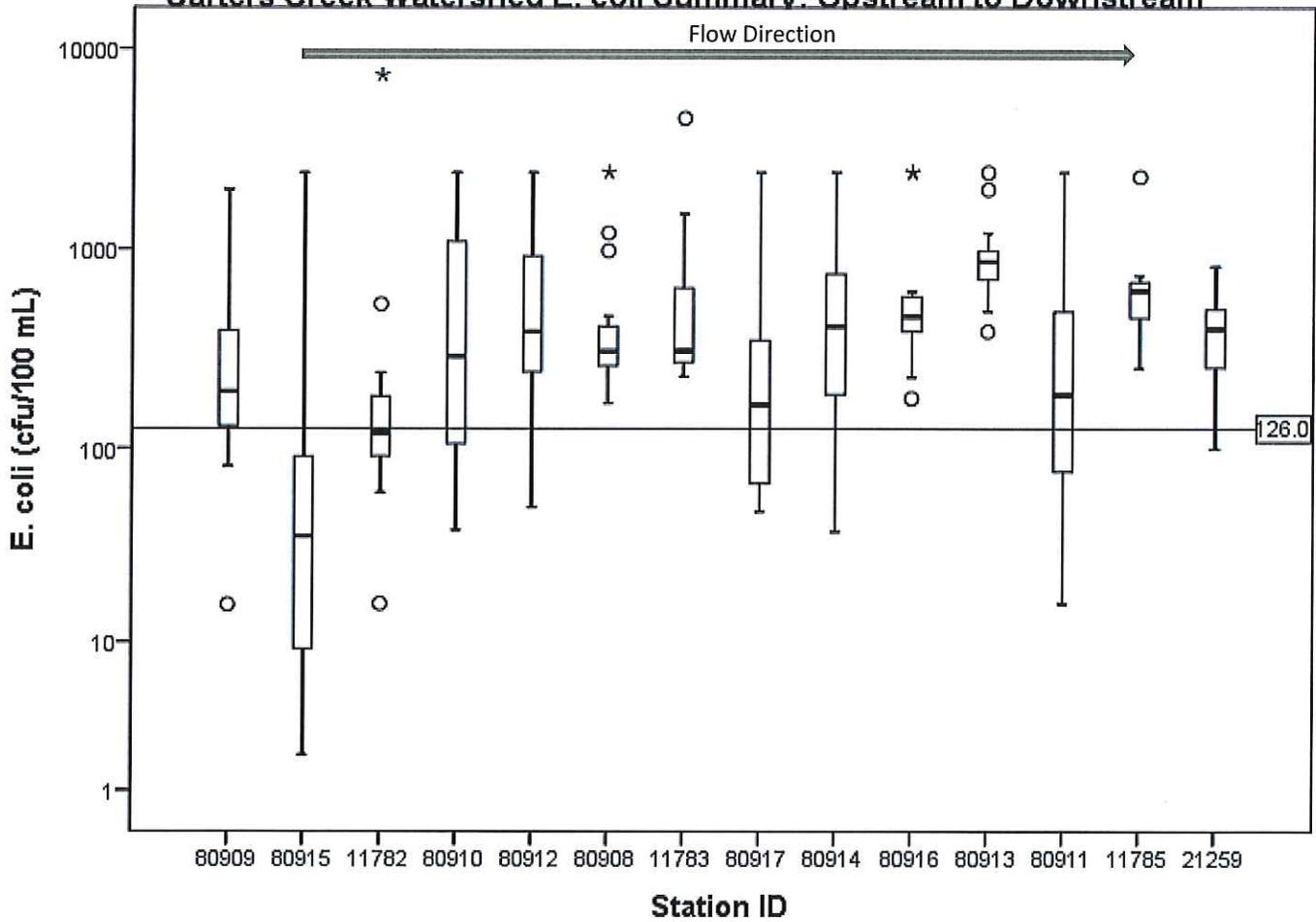


338.1	413.0
Geomeans without storm influenced event	

- Volunteer
 - Standard Dev. = 303.7
- Routine
 - Standard Dev. = 376.3
- Wilcoxon Rank Sum Test
 - P-value = 0.109
 - Not a significant difference in means at alpha = 0.05 both with and without storm event data

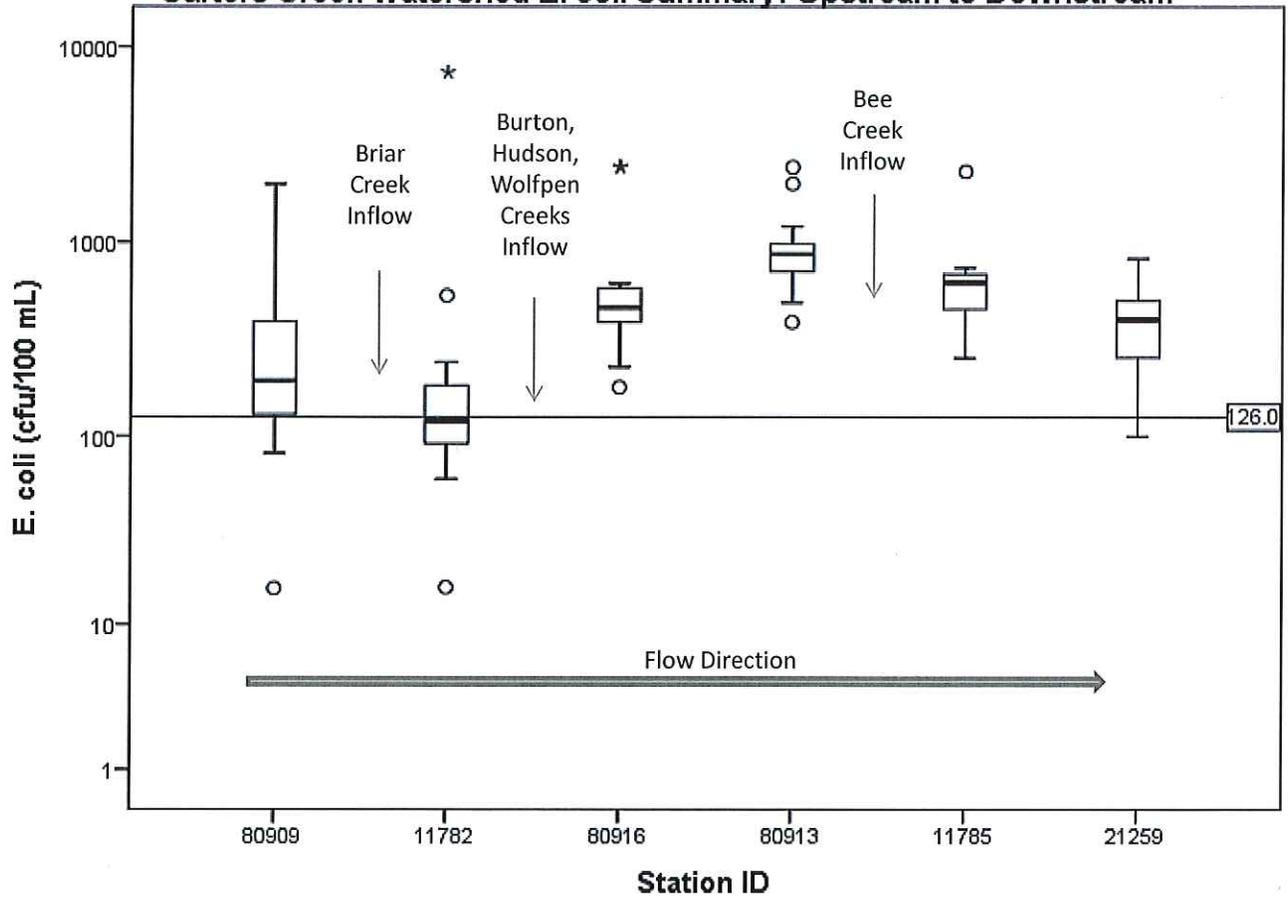
Upstream to Downstream: All Sites

Carters Creek Watershed E. coli Summary: Upstream to Downstream



Upstream to Downstream: Carters Creek Only

Carters Creek Watershed E. coli Summary: Upstream to Downstream

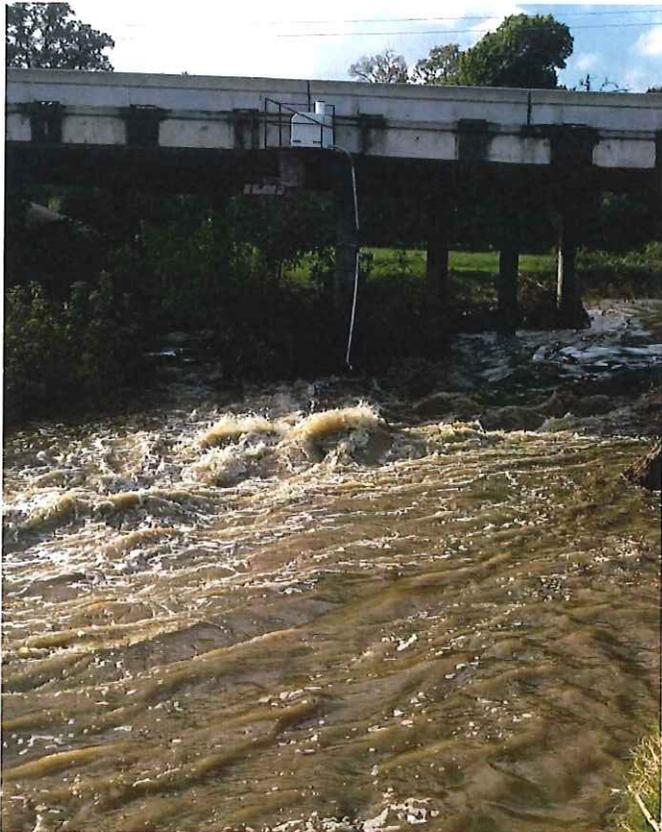


Summary by Site

	Station #	Geomean - All	Geomean - No Storm
	80909	220.7	188.7
	80915	30.0	22.0
	11782	149.9	113.5
	80910	309.0	266.7
	80912	420.3	370.9
	80908	385.5	338.1
Burton Creek	11783	484.2	413.0
	80917	178.4	148.1
	80914	377.5	330.6
	80916	514.6	460.7
	80913	881.1	819.7
	80911	216.0	181.8
Carters Creek	11785	577.9	523.6
	21259	348.6	328.0

Storm Event Sampling

- Burton Creek @ Hwy 6 – 11 events sampled
- Carters Creek @ WD Fitch – 5 events sampled
- Burton site consistently higher than Carters



Storm Data by Site

Date	11783	21259
9/13/2013	48000	
10/22/2013	3700	
11/5/2013	5000	
11/21/2013	24000	7600
12/21/2013	21000	2300
1/9/2014	3900	1000
2/4/2014	3600	
2/5/2014		760
2/26/2014	9500	
3/9/2014	21000	
4/4/2014	2500	
4/15/2014	16000	2800

Initial Findings

- Data extremely variable
- Several significantly higher sites surfacing
 - Not necessarily due to fecal loading though, but might be
- No obvious sources of *E. coli*
- Stream survey still to come

THANKS!

Lucas Gregory

TWRI Project Specialist

lfgregory@ag.tamu.edu

979-845-7869

Attachment 4 – City of Bryan WWTP Performance

Attachment 4
City of Bryan WWTP Performance

Burton Creek WWTP
E. coli Monitoring (CFU/100 mL)

	Geomean	Max
Oct-14	24	33
Nov-14	32	37
Dec-14	16	23
Jan-15	6	8
Feb-15	9	14
Mar-15	20	36
Apr-15	27	52
May-15	9	25
Jun-15	35	43
Jul-15	11	12
Aug-15	14	19
Sep-15	2	6

Attachment 5 – City of Bryan SSOI



CITY OF BRYAN
The Good Life, Texas Style

October 30, 2015

Mr. Ryan Byer, Coordinator
Order Compliance Team, MC 149A
Enforcement Division
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

Subject: 2015 Annual Report for SSOI Agreement Case No. 37476

This letter is to document the progress the City of Bryan has made on provisions 2 through 6 of the Sanitary Sewer Agreement signed on August 11, 2009.

Provision No. 2: The City shall implement and complete the list of projects contained within Attachment A of the Agreement.

Progress: Please find attached in Appendix A, a table that summarizes the progress of the projects to date included in the compliance agreement. Also included in this table is a final estimate of the completed length of each project for comparison to the original estimated length as listed in the Agreement. The City is currently acquiring the easement for the Wells Fargo project. This easement has been held up by the land owner and the City is currently in the condemnation process. Once the easement is acquired, the City will bid and construct the line. In addition to the projects listed in Appendix A, the following projects are either complete or under construction by the City:

McCulloch Street Sewer Line Project – 1550 feet, under construction
E. 23rd Street Sewer Line Project – 980 feet, complete
Helena Street Sewer Line Project – 900 feet, complete
Pauline Street Sewer Line Project – 540 feet, complete
Avondale Street Sewer Line Project – 300 feet, complete

Provision No. 3: Establish the causes of SSOs by:

- i. Utilizing GIS mapping to develop a visual reference of SSOs by type and location
- ii. Establish performance indicators and benchmarks

Progress: Please find attached in Appendix B, a map showing a sample of the GIS mapping used to locate public and private SSOs by type and location. The map is for reference and visual identification of causes.

Below is a list of performance measures. These measures have been incorporated into the work order system so they can be viewed in GIS for reference purposes. Tracking these measures over the timeframe of this agreement will allow the effectiveness of the program to be measured and benchmarks established.

1. Number of customer sewer complaints
 - FY 2014 – 15
 - FY 2015 – 3

2. Number of stoppages by:
 - (a) Cause: roots, grease, debris, pipe failure, rain water infiltration.
 - (b) Location: private vs. public.

FY14	
Cause	Number
Infrastructure Failure	8
Private Problem	221
Private Sewer Stop	37
Rain Water Infiltration	16
Unstopped Sewer (Debris)	347
Unstopped Sewer (Grease)	166
Unstopped Sewer (Private)	42
Unstopped Sewer (Roots)	19
Total:	856
FY15	
Cause	Number
Infrastructure Failure	15
Private Problem	187
Private Sewer Stop	39
Rain Water Infiltration	38
Unstopped Sewer (Debris)	277
Unstopped Sewer (Grease)	223
Unstopped Sewer (Private)	7
Unstopped Sewer (Roots)	27
Total:	813

3. Number of dry weather overflows by:
 - (a) Volume: <100 gallons; 100 to 999 gallons; 1000 to 9999 gallons; >10,000 gallons.
 - (b) Cause: roots, grease, debris, pipe failure, pump station failure, capacity.
 - (c) Location – Private versus Public.

See appendix C

4. Number of wet weather overflows by:
 - (a) Volume: <100 gallons; 100 to 999 gallons; 1000 to 9999 gallons; >10,000 gallons.
 - (b) Cause: roots, grease, debris, pipe failure, pump station failure, capacity.
 - (c) Location – Private versus Public.

See appendix C

5. Average response time:
 - (a) SSO – 29:56 min: sec

See appendix D

6. Number of cave-ins – 9

7. Number of pump station failures by:

- (a) Electrical supply failure.
- (b) Electrical component failure.
- (c) Pump failure.
- (d) Blockage.

Pump Station	Failure Type	Date
Verde	Blockage	10/3/2014
West Villa Maria	Electrical supply failure	10/25/2014
Yegua	Electrical supply failure	10/25/2014
Saddlewood	Electrical supply failure	10/25/2014
Verde	Electrical supply failure	10/25/2014
Park Hudson	Pump failure	11/3/2014
Flygt 1	Electrical supply failure	11/13/2014
Verde	Electrical supply failure	11/13/2014
Sbisa Way	Electrical supply failure	11/13/2014
Sbisa Way	Electrical supply failure	11/13/2014
Flygt 1	Electrical supply failure	11/13/2014
Verde	Electrical supply failure	11/13/2014
Plant 2	Electrical supply failure	11/13/2014
Verde	Electrical supply failure	11/14/2014
Verde	Blockage	11/24/2014
Boonville	Pump failure	12/16/2014
Sbisa Way	Electrical component failure	2/10/2015
Burgess	Electrical component failure	2/26/2015
Yegua	Electrical component failure	4/6/2015
Cottonwood	Electrical supply failure	4/16/2015
Cottonwood	Electrical component failure	4/17/2015
Burgess	Electrical supply failure	5/1/2015
Mumford	Electrical component failure	5/18/2015
Park Hudson	Electrical supply failure	5/23/2015
East Bypass	Electrical component failure	5/25/2015
Saddlewood	Pump failure	5/28/2015
Yegua	Electrical component failure	6/17/2015
Saddlewood	Electrical component failure	7/4/2015
Tiffany	Electrical component failure	8/2/2015
Jones Road	Blockage	8/6/2015
Saddlewood	Pump failure	9/15/2015
Winchester	Electrical component failure	9/27/2015

8. Miles of sewer line smoke tested:

Basins Smoke Tested (FY15)	CLEANOUTS Broken/Missing	PRIVATE SIDE Defects	CITY SEWER MAIN Defects	MANHOLES Broken/Damaged	Miles of Pipe
2	4	237	31	1	24.9
27	17	205	49	3	19.8
Total	24	411	62	4	44.7

Miles per fiscal year: FY13: 28
 FY14: 54

The City of Bryan continues to proactively smoke test the collection system. For fiscal years 2013 to 2015, staff smoke tested 7% to 14% of the collection system per year looking for problems on both the public and private side. Staff has implemented a program to ensure all private defects are corrected by providing a financial mechanism residents can utilize to fund repairs. With the majority of the problems on the private side, addressing these issues is paramount to reducing I&I into the collection system and the resulting wet weather overflows.

9. Miles of sewer line cleaned (Goal is 20% of the system or approximately 80 miles):

Roughly 87 of the 404 miles, or 22% of the system, were cleaned in FY2015. For this report, the length of line as mapped in GIS was used to determine the total, rather than the estimated footage provided by field crews.

10. Number of manholes repaired – 78 (FY15)

11. Number of Grease Trap:

- (a) Inspections – 282 (FY15)
- (b) Violations – 0 (FY15)

12. Number of employees taking certification exams, as well as those passing exams.

(a) Track those taking exams as a requirement of job versus those wishing to obtain higher certifications.

Employee Name	Exam	Results
BARBER, BYRON	WASTEWATER TREATMENT OPERATOR D	PASS
MARTINEZ JR, ISMAEL	WATER DISTRIBUTION OPERATOR B	FAIL
REYES, JIMMY	WASTEWATER TREATMENT OPERATOR B	PASS
REYES, JIMMY	GROUND WATER TREATMENT OPERATOR B	PASS
ROBERTSON, COY	WASTEWATER TREATMENT OPERATOR C	PASS
RUIZ, ALEJANDRO	WASTEWATER COLLECTION OPERATOR II	PASS
RUIZ, ALEJANDRO	WATER DISTRIBUTION OPERATOR C	PASS
VEGA, ROMAN	WASTEWATER COLLECTION OPERATOR II	FAIL

Provision No. 4: The City shall implement its Capacity, Management, and Operation Maintenance (CMOM) Program and review the SSO emergency response plan.

Progress: The CMOM document has been completed. The SSO emergency response plan has been incorporated into the CMOM report. Staff is utilizing this document to guide them in the management of the collection system as well as make operational changes.

Provision No. 5: The City shall implement its detailed I/I reduction project approach.

Progress: The City is utilizing the information collected during its I/I analysis to evaluate public and private defects within the system. This information helps focus repair locations to minimize the amount of rainwater entering the collection system. The larger line replacements are being designed, bid, and constructed by contractors. Smaller repairs are being completed by in-house staff. Staff is also smoke testing high priority basins based on the I/I study, as well as mobile home parks to identify public and private defects and missing private cleanout caps. The City continues to do visual inspections of the system during rain events to identify system problems. When other problematic areas are brought to our attention, staff is smoke testing, visually inspecting the pipe, and developing solutions to identify and eliminate the problem.

Provision No. 6: The City shall evaluate the effectiveness of its corrective actions on a yearly basis.

Progress: The City continues to evaluate the progress of the program through field observations, work orders, and reports from citizens. Staff reviews work order history to determine if problems are still evident. This past year, several projects were completed within the collection system. Staff will continue monitoring areas associated with the projects within this Agreement, as well as areas not included. The effectiveness of the corrective actions will be documented through the duration of this agreement.

Currently the City of Bryan experienced a reduction in overflows from 116 in 2010 to 31 in 2015. This was a wet year with multiple rain events that produced flash flooding in the community, as a result there was an increase in the number of I&I related overflows in 2015. A review of the data shows that the most significant decrease in overflows was in the "pipe debris" category. This may be attributed to the cleaning program the City implemented on cleaning the collection system. While the first year in 2010 did not meet expectations with respect to the number of miles cleaned, a more focused effort from 2011 to the present did achieve the goal for the number of miles of pipe cleaned. This area of work will continue to be monitored for its effectiveness on the overflows and sewer stops within the system. The City of Bryan will continue to be proactive in its efforts of smoke testing the system and identifying defects and proactively addressing the defects both on the private and public side of the sewer system.

This is a summary report of the actions taken by the City of Bryan to comply with the Agreement. If you should have any questions or need additional information related to information contained within this letter, please contact me at (979) 209-5929 or jbarfknecht@bryantx.gov.

Best Regards,


Jayson Barfknecht, P.E., Ph.D.
Public Works Director

XC: Mr. Richard Monreal, Manager, Water Section, TCEQ Waco Regional Office

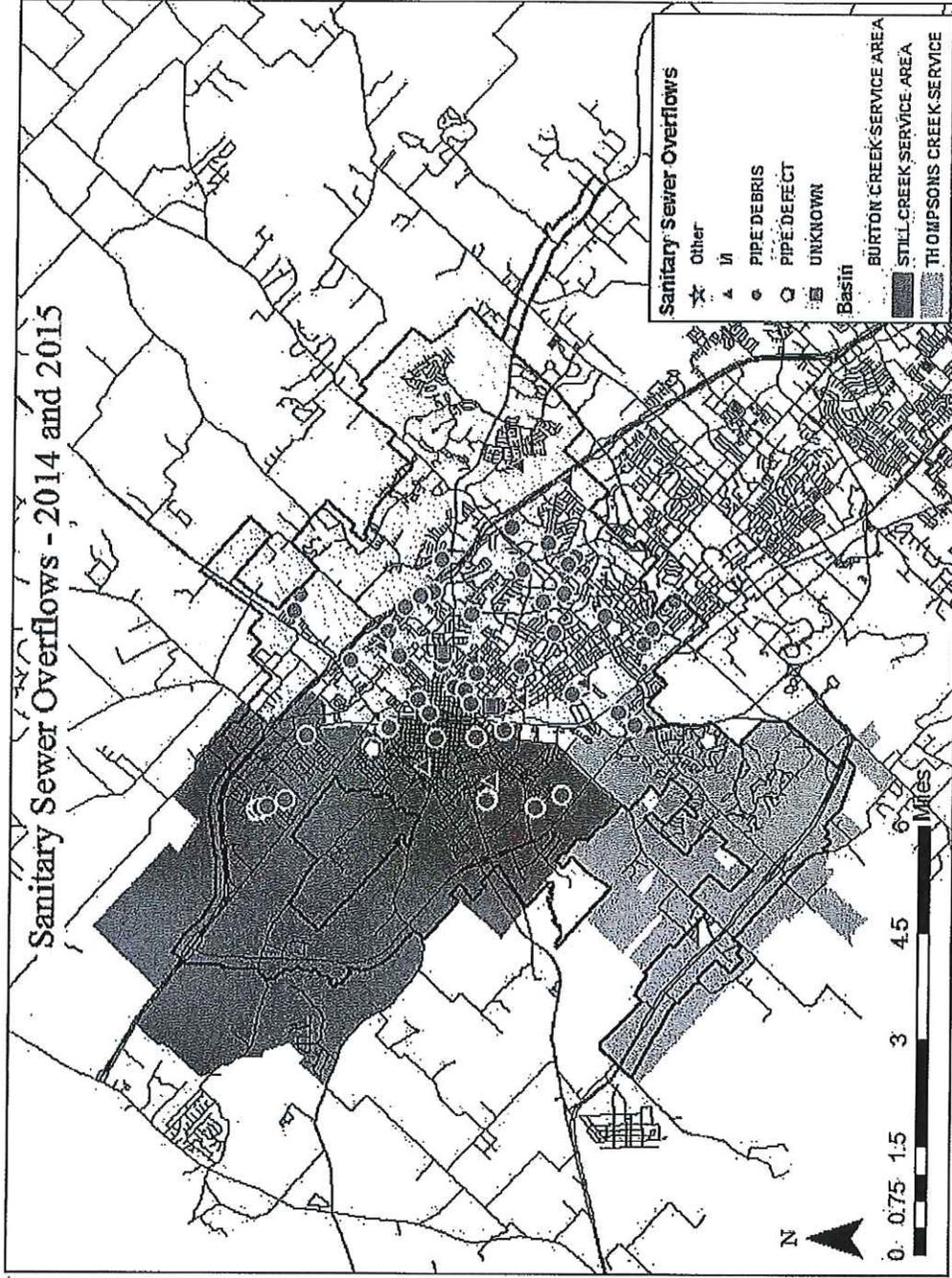
Appendix A

List of Projects

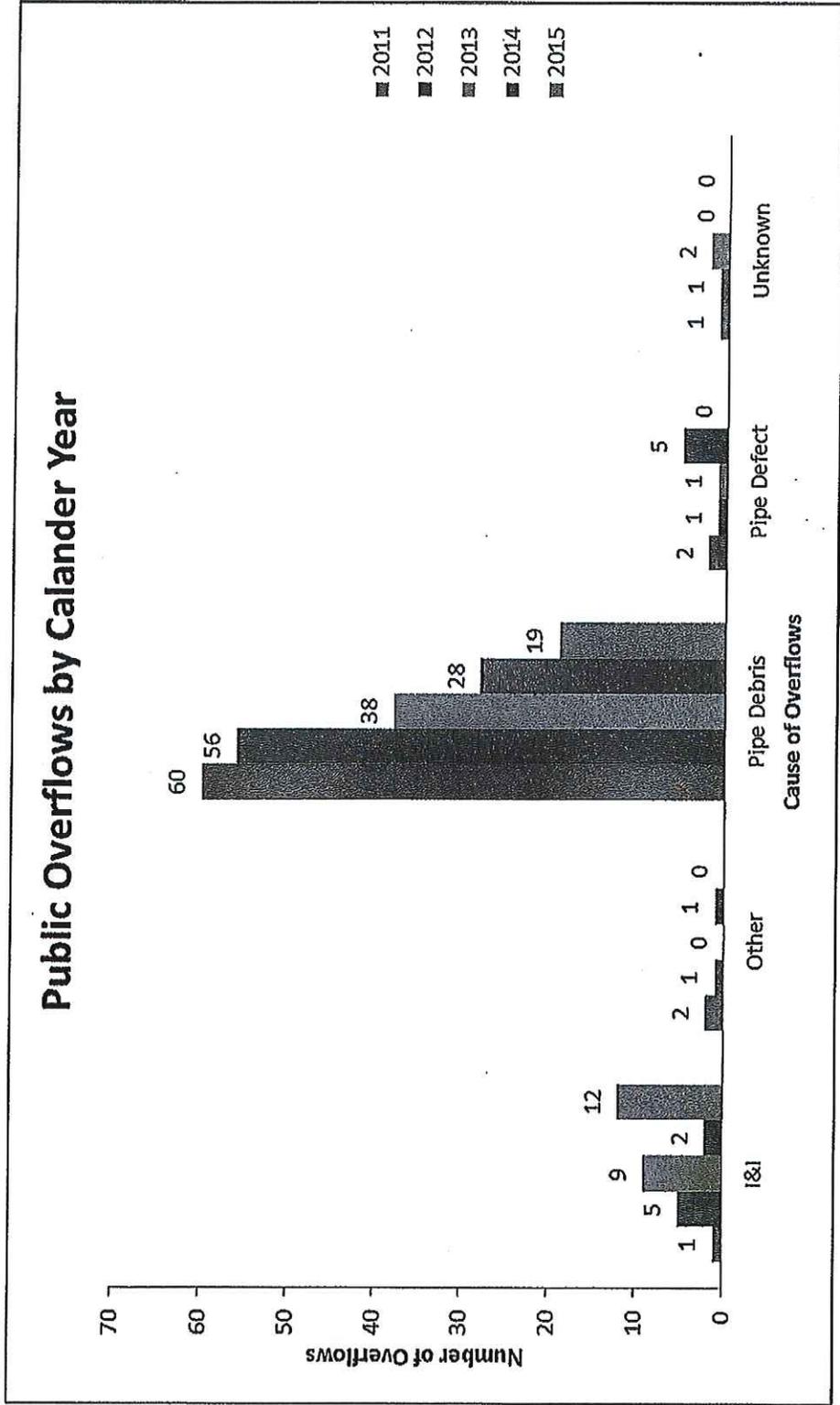
Project No.	Project Name	Basin	Complete by Date	Status	Length (ft)	Completed Length (ft)
S08-28	Tanglewood Park	Burton Creek	1-May-2009	Complete	1400	1440
S08-29	Yellowstone	Still Creek	1-May-2009	Complete	550	540
S08-01	Bonham Park	Still Creek	1-Jul-2009	Complete	675	1030
S08-30	American Legion	Burton Creek	1-Aug-2009	Complete	2100	2240
	Evaluation of Burton Creek	Burton Creek	1-May-2009	Complete		
S08-10	Washington/24th	Burton Creek	1-Jan-2010	Complete	550	750
S08-31	North Brazos	Still Creek	1-Jan-2010	Complete	450	1702
S08-41	Manhole Rehab	Burton Creek	1-May-2010	Complete		
S08-32	McHaney/Old Hearne	Still Creek	1-May-2010	Complete	2175	3120
S08-33	Colson	Burton Creek	1-Aug-2010	Complete	2175	3014
S08-20	Johnson/Cole	Burton Creek	1-May-2011	Complete	1275	1133
S08-42	Manhole Rehab Ph 2	Burton Creek	1-May-2011	Complete		
S08-23	Parker	Still Creek	1-May-2011	Complete	975	2514
S08-21	Henderson Park	Still Creek	1-Oct-2011	Complete	3700	3643
S08-25	Commerce Street	Still Creek	1-Oct-2011	Complete	4475	9736
S08-44	Beck Street	Still Creek	1-Dec-2011	Complete	5700	5789
S08-34	Downtown Ph 3	Still Creek	1-Jan-2012	Complete	700	1756
S08-16	Thompson's Creek WWTP	Turkey Creek	1-May-2012	Complete		
S08-43	Manhole Rehab Ph 3	Burton Creek	1-May-2013	Complete		
S08-35	Hutchins	Burton Creek	1-May-2013	Complete	1075	2070
S08-08	Louisiana	Still Creek	1-Jan-2014	Complete	1975	948
S08-36	Indiana	Still Creek	1-Jan-2014	Complete	500	494
S08-19	Wells Fargo	Burton Creek	1-Oct-2014	In Design	825	
S08-37	Still Creek Phase 3	Still Creek	1-Oct-2014	Complete	6475	8675
S08-38	Missouri	Still Creek	1-Aug-2015	Complete	625	731
S08-39	Arizona	Still Creek	1-Aug-2015	Complete	650	550
S08-40	Minnesota	Still Creek	1-Aug-2015	Complete	475	595
S08-07	Montana	Still Creek	1-Aug-2015	Complete	1000	485
S08-06	Oklahoma	Still Creek	1-Aug-2015	Complete	1000	1084
S08-05	Alabama	Still Creek	1-Aug-2015	Complete	1000	1079
S08-04	Georgia	Still Creek	1-Aug-2015	Complete	1175	1215
S08-03	Tennessee	Still Creek	1-Aug-2015	Complete	1550	1504
Totals:					45,225	57,837

Note: Wells Fargo easement is delayed by property owner. The City is still in the process of negotiations and acquisition of the easement.

Appendix B



Appendix C

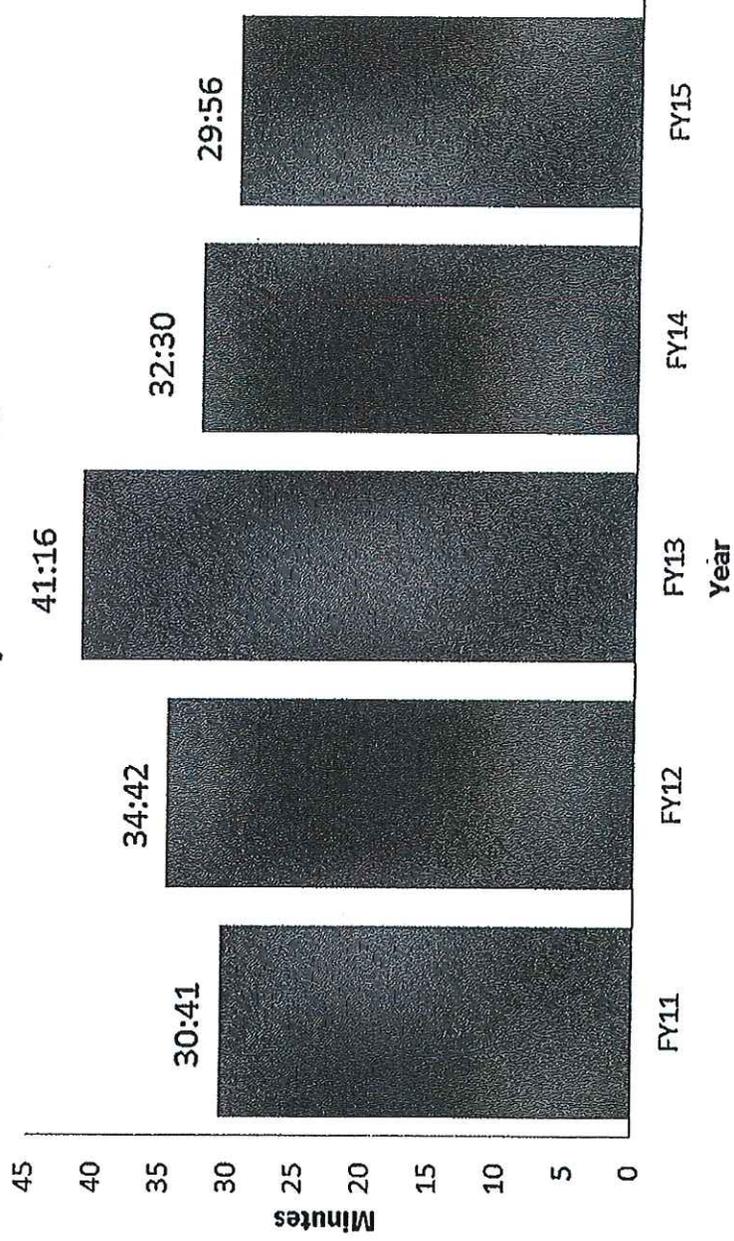


Wet Weather				
Year	Cause	Location	Volume (gallons)	Number of Occurrences
2014				
	Grease	Public	< 100	0
	Grease	Public	100 to 999	0
	Grease	Public	1000 to 9999	0
	Grease	Public	>10,000	0
	Roots	Public	< 100	0
	Roots	Public	100 to 999	0
	Roots	Public	1000 to 9999	0
	Roots	Public	>10,000	0
	Pipe Capacity	Public	< 100	1
	Pipe Capacity	Public	100 to 999	1
	Pipe Capacity	Public	1000 to 9999	0
	Pipe Capacity	Public	>10,000	0
	Pump Failure	Public	< 100	0
	Pump Failure	Public	100 to 999	0
	Pump Failure	Public	1000 to 9999	0
	Pump Failure	Public	>10,000	0
	Pipe Debris	Public	< 100	0
	Pipe Debris	Public	100 to 999	0
	Pipe Debris	Public	1000 to 9999	0
	Pipe Debris	Public	>10,000	0
	Total			2
2015				
	Grease	Public	< 100	0
	Grease	Public	100 to 999	0
	Grease	Public	1000 to 9999	0
	Grease	Public	>10,000	0
	Roots	Public	< 100	0
	Roots	Public	100 to 999	0
	Roots	Public	1000 to 9999	0
	Roots	Public	>10,000	0
	Pipe Capacity	Public	< 100	2
	Pipe Capacity	Public	100 to 999	3
	Pipe Capacity	Public	1000 to 9999	6
	Pipe Capacity	Public	>10,000	1
	Pump Failure	Public	< 100	0
	Pump Failure	Public	100 to 999	0
	Pump Failure	Public	1000 to 9999	0
	Pump Failure	Public	>10,000	0
	Pipe Debris	Public	< 100	0
	Pipe Debris	Public	100 to 999	0
	Pipe Debris	Public	1000 to 9999	0
	Pipe Debris	Public	>10,000	0
	Total			12

Dry Weather				
Year	Cause	Location	Volume (gallons)	Number of Occurrences
2014				
	Grease	Public	< 100	19
	Grease	Public	100 to 999	2
	Grease	Public	1000 to 9999	1
	Grease	Public	>10,000	0
	Roots	Public	< 100	1
	Roots	Public	100 to 999	0
	Roots	Public	1000 to 9999	0
	Roots	Public	>10,000	0
	Pipe Failure	Public	< 100	4
	Pipe Failure	Public	100 to 999	1
	Pipe Failure	Public	1000 to 9999	0
	Pipe Failure	Public	>10,000	0
	Pump Failure	Public	< 100	0
	Pump Failure	Public	100 to 999	0
	Pump Failure	Public	1000 to 9999	1
	Pump Failure	Public	>10,000	0
	Pipe Debris	Public	< 100	3
	Pipe Debris	Public	100 to 999	2
	Pipe Debris	Public	1000 to 9999	0
	Pipe Debris	Public	>10,000	0
	Total			34
2015				
	Grease	Public	< 100	14
	Grease	Public	100 to 999	4
	Grease	Public	1000 to 9999	0
	Grease	Public	>10,000	0
	Roots	Public	< 100	0
	Roots	Public	100 to 999	1
	Roots	Public	1000 to 9999	0
	Roots	Public	>10,000	0
	Pipe Failure	Public	< 100	0
	Pipe Failure	Public	100 to 999	0
	Pipe Failure	Public	1000 to 9999	0
	Pipe Failure	Public	>10,000	0
	Pump Failure	Public	< 100	0
	Pump Failure	Public	100 to 999	0
	Pump Failure	Public	1000 to 9999	0
	Pump Failure	Public	>10,000	0
	Pipe Debris	Public	< 100	0
	Pipe Debris	Public	100 to 999	0
	Pipe Debris	Public	1000 to 9999	0
	Pipe Debris	Public	>10,000	0
	Total			19

Appendix D

Response Time



Request #	Completion	Job #	Category	Task	Call Time	Start Time	Response Time
WF0527444	10/2/2014	2	SSO	GPR	19:00:00	19:20:00	0:20:00
WF0527036	10/3/2014	2	SSO	GPR	13:06:20	13:35:00	0:28:40
WF0527036	10/3/2014	1	SSO	GPU	13:06:20	13:35:00	0:28:40
WF0527734	10/9/2014	2	SSO	DPU	14:59:00	15:00:00	0:01:00
WF0527947	10/13/2014	2	SSO	PFPU	11:04:17	11:30:00	0:25:43
WF0528628	10/20/2014	2	SSO	DPU	13:03:49	13:40:00	0:36:11
WF0529523	10/28/2014	2	SSO	GPU	13:29:06	13:45:00	0:15:54
WF0529438	10/28/2014	2	SSO	PFPU	9:25:47	9:40:00	0:14:13
WF0531491	11/14/2014	2	SSO	OTPU	8:00:00	9:05:00	1:05:00
WF0531700	11/19/2014	2	SSO	GPU	9:26:12	9:30:00	0:03:48
WF0531974	11/21/2014	2	SSO	GPU	10:31:05	10:40:00	0:08:55
WF0532059	11/23/2014	2	SSO	GPU	3:00:00	3:15:00	0:15:00
WF0535007	12/29/2014	2	SSO	GPU	0:00:00	8:40:00	*No Call Time
WF0535376	1/3/2015	2	SSO	GPU	13:30:00	13:45:00	0:15:00
WF0535445	1/4/2015	2	SSO	GPU	9:35:00	9:55:00	0:20:00
WF0535440	1/4/2015	2	SSO	DPU	11:11:12	12:00:00	0:38:48
WF0535443	1/5/2015	2	SSO	GPU	11:16:14	11:30:00	0:13:46
WF0535549	1/5/2015	2	SSO	GPU	22:00:00	22:20:00	0:20:00
WF0535740	1/7/2015	2	SSO	GPU	11:51:58	12:20:00	0:28:02
WF0537159	1/22/2015	2	SSO	OTPR	10:13:42	10:45:00	0:31:18
WF0537122	1/22/2015	2	SSO	OTPU	8:59:04	9:30:00	0:30:56
WF0537126	1/22/2015	2	SSO	OTPU	9:15:21	9:55:00	0:39:39
WF0537418	1/24/2015	2	SSO	GPR	17:00:00	180000	1:00:00
WF0537522	1/26/2015	2	SSO	GPR	13:58:50	14:10:00	0:11:10
WF0537553	1/26/2015	2	SSO	GPU	15:16:56	15:50:00	0:33:04
WF0537883	1/29/2015	2	SSO	GPU	8:45:31	9:15:00	0:29:29
WF0540107	2/12/2015	2	SSO	GPU	0:00:00	13:45:00	*No Call Time
WF0540373	2/18/2015	2	SSO	GPU	18:30:00	19:30:00	1:00:00
WF0541575	3/2/2015	2	SSO	GPR	20:00:00	20:10:00	0:20:00
WF0542175	3/9/2015	2	SSO	OTPU	12:49:23	14:05:00	1:15:37
WF0542179	3/9/2015	2	SSO	OTPU	13:07:35	13:20:00	0:02:25
WF0542193	3/9/2015	2	SSO	OTPU	13:44:11	13:50:00	0:05:49
WF0542215	3/9/2015	2	SSO	OTPU	14:20:15	14:25:00	0:04:45
WF0543209	3/16/2015	2	SSO	OTPU	0:00:00	12:15:00	*No Call Time
WF0544350	3/26/2015	2	SSO	OTPU	1:00:00	1:45:00	0:45:00
WF0549088	5/3/2015	2	SSO	OTPR	13:50:00	14:05:00	0:15:00
WF0549402	5/5/2015	2	SSO	GPU	0:00:00	12:35:00	*No Call Time
WF0550798	5/18/2015	3	SSO	IIPU	8:25:00	8:40:00	0:15:00
WF0559552	7/13/2015	2	SSO	GPU	7:15:00	7:32:00	0:17:00

WF0560058	7/16/2015	2	SSO	GPU	15:15:06	15:30:00	0:14:54
WF0561585	7/28/2015	2	SSO	GPU	8:37:10	9:10:00	0:32:50
WF0563605	8/5/2015	2	SSO	GPU	14:05:41	15:10:00	1:04:09
WF0564771	8/15/2015	2	SSO	GPR	20:50:00	21:45:00	0:55:00
WF0566085	8/26/2015	2	SSO	GPU	10:54:22	11:40:00	0:45:38
WF0567682	9/4/2015	2	SSO	GPU	14:10:00	14:20:00	0:10:00
WF0568352	9/12/2015	2	SSO	GPU	15:40:00	18:15:00	2:35:00
WF0568354	9/12/2015	2	SSO	GPU	0:00:00	17:50:00	*No Call Time
WF0568924	9/15/2015	2	SSO	GPU	17:45:00	18:05:00	0:20:00
WF0570170	9/26/2015	2	SSO	DPU	7:50:00	8:15:00	0:25:00
Average Response Time:							0:29:56
* These response times were not included in the average.							

Attachment 6 – Revised/Adopted City Ordinances

ORDINANCE NO. 2111

AN ORDINANCE AMENDING CHAPTER 38, ENVIRONMENT, OF THE BRYAN CITY CODE OF ORDINANCES, BY ADDING A NEW SECTION 38-2, ARTICLE I AND A NEW ARTICLE III; CLARIFYING THE DEFINITION OF RESIDENTIAL OUTDOOR STORAGE; PERMITTING RESIDENTIAL OUTDOOR STORAGE ONLY IN CERTAIN AREAS AND UNDER CERTAIN CONDITIONS; AND AMENDING CHAPTER 130, ZONING, OF THE BRYAN CITY CODE OF ORDINANCES BY REMOVING REGULATIONS CONCERNING RESIDENTIAL OUTDOOR STORAGE; PROVIDING FOR EXCEPTIONS AND DEFENSES; RESERVING ADDITIONAL SECTIONS AS NEEDED; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT; FINDING AND DETERMINING THAT THE MEETINGS AT WHICH THIS ORDINANCE WAS PASSED WERE OPEN TO THE PUBLIC AS REQUIRED BY LAW; PROVIDING FOR CODIFICATION; PROVIDING A SAVINGS CLAUSE; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, residential outdoor storage, when not handled appropriately, can be both unattractive and dangerous to individuals living on neighboring properties; and

WHEREAS, the City's current residential outdoor storage language is broad and can be confusing; and

WHEREAS, the City Council wishes to preserve the City's overall beauty and the quality of life for all citizens of Bryan by ensuring that neighborhoods are free from debris and inappropriately stored items, while still allowing citizens to utilize their property for appropriate storage; and

WHEREAS, residential outdoor storage restrictions are generally enforced by City Code Enforcement staff; and

WHEREAS, the City Council desires to create a new, clarified residential outdoor storage definition, to simplify citizen communication and improve ordinance enforceability; and

WHEREAS, these requested changes to Chapter 38, Environment, and Chapter 130, Zoning, were recommended for approval by the Bryan Planning and Zoning Commission during its regular meeting on July 16, 2015;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BRYAN, TEXAS:

Section 1.

That Chapter 38, Environment, Article I, Section 38-2 of the Bryan Code of Ordinances is hereby added as follows:

"Sec. 38-12. **Definition of Residential Outdoor Storage.** *Residential outdoor storage* means the placement of an item which is not customarily used or stored outside and/or which is not made of a

material that is resistant to damage or deterioration from exposure to the outside environment in an unenclosed area for a continuous period in excess of 24 hours on a property where residential use has been authorized.”

Section 2.

That Article III, to be entitled “Residential Outdoor Storage,” is hereby created in Chapter 38, Environment, of the Bryan Code of Ordinances.

Section 3.

That Chapter 38, Environment, new Article III, Section 38-126 of the Bryan Code of Ordinances is hereby added as follows:

“Sec. 38-126. Requirements.

Residential outdoor storage shall be prohibited in front of the primary structure of the lot, under a carport, on a front porch, driveway, or any open and unenclosed area visible from any public right-of-way on any property where residential use has been authorized. Residential outdoor storage shall be screened from adjacent properties, streets and alleys by a six-foot-high opaque screening fence, using materials listed in City of Bryan Code of Ordinances Section 130-37(b)(5). Residential outdoor storage shall not exceed the height of the required screening fence.”

Section 4.

That Chapter 38, Environment, new Article III, Section 38-127 of the Bryan Code of Ordinances is hereby added as follows:

“Sec. 38-127. Exemptions.

Firewood stored in rear or side yards shall be exempt from the screening requirements.”

Section 5.

That Chapter 38, Environment, new Article III, Section 38-128 of the Bryan Code of Ordinances is hereby added as follows:

“Sec. 38-128. Tarps or similar coverings.

Coverage by a tarp or similar covering shall not be a defense to prohibited residential outdoor storage if the items covered otherwise meet the definition.”

Section 6.

That Sections 38-128 through 38-135 of Chapter 38, Environment, new Article III, are hereby reserved for future additions or amendments.

Section 7.

That Sections 38-122 through 38-127 of Chapter 38, Environment, Article I, are hereby reserved for future additions or amendments.

Section 8.

That Chapter 130, Zoning, Section 130-09, A-O Agricultural-Open District of the Bryan Code of Ordinances is hereby amended by removing the following subsection:

(f) Other regulations:

- (1) As established by all other applicable sections and/or ordinances.
- (2) Where activity has ceased for one or more years on a property where the most recent land use is a permitted use in this district, a site plan shall be filed in accordance with the provisions of nonresidential and multifamily development, article III of chapter 62, before activity on the property may resume. Single-family dwellings, patio homes, townhouses, and duplexes are exempt from this provision.
- (3) Wireless telecommunication facilities shall be allowed only as provided for in section 130-35
- (4) ~~Outdoor storage and display is prohibited, except for materials for the resident's personal use or consumption, e.g., firewood, gardening materials, etc. or as may be provided for in Sec. 130-34(m).~~

Section 9.

That Chapter 130, Zoning, Section 130-10, RD-7 Residential District - 7000 of the Bryan Code of Ordinances is hereby amended by removing the following subsection and renumbering subsequent subsections accordingly:

(g) Special requirements:

- (1) No temporary structures, such as recreational vehicles, travel trailers, construction trailers, or mobile homes may be used for on-site dwelling purposes.
- (2) ~~Outdoor storage is prohibited (except for materials for the resident's personal use or consumption, i.e. firewood, gardening materials, etc.)~~

Section 10.

That Chapter 130, Zoning, Section 130-11, RD-5 Residential District - 5000 of the Bryan Code of Ordinances is hereby amended by removing the following subsection and renumbering subsequent subsections accordingly:

(g) Special requirements:

- (1) No temporary structures, such as recreational vehicles, travel trailers, construction trailers, or mobile homes may be used for on-site dwelling purposes.
- ~~(2) Outdoor storage is prohibited (except for materials for the resident's personal use or consumption, i.e. firewood, gardening materials, etc.)~~

Section 11.

That Chapter 130, Zoning, Section 130-12, MF, Multi-Family Residential District of the Bryan Code of Ordinances is hereby amended by removing the following subsection and renumbering subsequent subsections accordingly:

- (h) Special district requirements:
 - (1) Single-family units constructed in this district shall conform to RD-5 district standards.
 - (2) No temporary structures, such as travel trailers, recreational vehicles, construction trailers, or mobile homes may be used for on-site dwelling purposes.
 - ~~(3) Outdoor storage is prohibited.~~

Section 12.

That Chapter 130, Zoning, Section 130-13, C-1, Office District of the Bryan Code of Ordinances is hereby amended by removing the following subsection and renumbering subsequent subsections accordingly:

- (g) Other regulations:
 - (1) As established by all other applicable sections and/or ordinances.
 - ~~(2) Outdoor storage and display is prohibited, except as may be provided for in Sec. 130-34(m).~~

Section 13.

That Chapter 130, Zoning, Section 130-14, C-2, Retail District of the Bryan Code of Ordinances is hereby amended by removing the following subsection and renumbering subsequent subsections accordingly:

- (g) Other regulations:
 - (1) As established by all other applicable sections and/or ordinances.
 - ~~(2) Outdoor storage and display is prohibited, except as may be provided for in Sec. 130-34(m).~~

Section 14.

That Chapter 130, Zoning, Section 130-14, C-3, Commercial District of the Bryan Code of Ordinances is hereby amended by removing the following subsection:

- (g) Other regulations:

~~(10) — Outdoor storage and display is prohibited, except for materials for the resident's personal use or consumption, e.g., firewood, gardening materials, etc., or as may be provided for in Sec. 130-34(m).~~

Section 15.

That Chapter 130, Zoning, Section 130-17, DT-N, Downtown North District of the Bryan Code of Ordinances is hereby amended by removing the following subsection and renumbering subsequent subsections accordingly:

(g) Other regulations:

~~(1) — Outdoor storage and display is prohibited, except for materials for the resident's personal use or consumption, e.g., firewood, gardening materials, etc. or as may be provided for in Sec. 130-34(m).~~

Section 16.

That Chapter 130, Zoning, Section 130-18, DT-S, Downtown South District of the Bryan Code of Ordinances is hereby amended by removing the following subsection:

(g) Other regulations.

~~(7) — Outdoor storage and display is prohibited, except for materials for the resident's personal use or consumption, e.g., firewood, gardening materials, etc. or as may be provided for in Sec. 130-34(m).~~

Section 17.

That Chapter 130, Zoning, Section 130-19, DT-C, Downtown Civic District of the Bryan Code of Ordinances is hereby amended by removing the following subsection and renumbering subsequent subsections accordingly:

(g) Other regulations:

~~(1) — Outdoor storage and display is prohibited, except for materials for the resident's personal use or consumption, e.g., firewood, gardening materials, etc. or as may be provided for in Sec. 130-34(m).~~

Section 18.

That Chapter 130, Zoning, Section 130-22, SC-R, South College Residential District of the Bryan Code of Ordinances is hereby amended by removing the following subsection and renumbering subsequent subsections accordingly:

(g) Special requirements:

- (1) No temporary structures, such as recreational vehicles, travel trailers, construction trailers, or mobile homes may be used for on-site dwelling purposes.
- (2) ~~Outdoor storage is prohibited (except for materials for the resident's personal use or consumption, e.g., firewood, gardening materials, etc.).~~

Section 19.

That Chapter 130, Zoning, Section 130-29, MU-1, Mixed Use Residential District of the Bryan Code of Ordinances is hereby amended by removing the following subsection and renumbering subsequent subsections accordingly:

- (g) Special requirements:
 - (1) All mobile/manufactured homes shall be placed, tied down, and secured according to the standards set forth by the chief building official.
 - (2) Mobile homes in licensed mobile home parks shall comply with all applicable requirements as stated in the manufactured/mobile home park ordinance (chapter 74).
 - (3) All mobile/manufactured homes shall be skirted with suitable weatherized material.
 - (4) ~~Outdoor storage is prohibited (except for materials for the single family resident's personal use or consumption, e.g., firewood, gardening materials, etc.).~~

Section 20.

That Chapter 130, Zoning, Section 130-30, MU-2, Mixed Use District of the Bryan Code of Ordinances is hereby amended by removing the following subsection:

- (g) Special requirements:
 - (1) No temporary structures, such as recreational vehicles, travel trailers, construction trailers, or mobile homes, may be used for on-site dwelling purposes.
 - (2) ~~Outdoor storage and display is prohibited, except for materials for the single family resident's personal use or consumption, e.g., firewood, gardening materials, etc. or as may be provided for in section 130-34(m).~~

Section 21.

That Chapter 130, Zoning, Section 130-31, R-NC, Residential-Neighborhood Conservation of the Bryan Code of Ordinances is hereby amended by removing the following subsection and renumbering subsequent subsections accordingly:

- (g) Special requirements:
 - (1) No temporary structures, such as recreational vehicles, travel trailers, construction trailers, or mobile homes may be used for on-site dwelling purposes.
 - (2) ~~Outdoor storage is prohibited (except for materials for the resident's personal use or consumption, i.e. firewood, gardening materials, etc.)~~

Section 22.

That all ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed to the extent of such conflict.

Section 23.

The Bryan City Code, as amended, shall remain in full force and effect, save and except as amended by this ordinance.

Section 24.

If any section, paragraph, sentence, clause, phrase or word of this ordinance is declared unconstitutional or invalid for any purpose, the remainder of this ordinance shall not be affected thereby and to this end the provisions of this ordinance are declared to be severable.

Section 25.

It is hereby found and determined that the meetings at which this ordinance was passed were open to the public, as required by Section 551.001, *et seq.*, of the Texas Government Code, and that advance public notice of the time, place and purpose of said meetings was given.

Section 26.

It is the intention of the City Council that this ordinance shall become a part of the Bryan City Code and it may be renumbered and codified therein accordingly.

Section 27.

This ordinance shall become effective after its second and final reading.

PRESENTED AND GIVEN first reading the 4th day of August, 2015, at a regular meeting of the City Council of the City of Bryan, Texas; and given second reading, passed and approved on the 25th day of August, 2015, by a vote of 7 ayes and 0 noes at a regular meeting of the City Council of the City of Bryan, Texas.

ATTEST:

CITY OF BRYAN:


Mary Lynne Stratta, City Secretary


Jason P. Bienski, Mayor

APPROVED AS TO FORM:


Janis K. Hampton, City Attorney

ORDINANCE NO. 2107

AN ORDINANCE AMENDING SECTION 38-21 OF CHAPTER 38, ARTICLE II, OF THE BRYAN CITY CODE OF ORDINANCES; EXPANDING THE DEFINITION OF "JUNKED VEHICLE"; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HERewith; PROVIDING A SAVINGS CLAUSE; PROVIDING FOR SEVERABILITY; FINDING AND DETERMINING THAT THE MEETINGS AT WHICH THE ORDINANCE WAS PASSED WERE OPEN TO THE PUBLIC AS REQUIRED BY LAW; PROVIDING FOR CODIFICATION; PROVIDING FOR A PENALTY; PROVIDING FOR PUBLICATION IN THE NEWSPAPER; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, junked vehicles are a nuisance, acting as both an eyesore and safety hazard when not screened from access and view behind a screening fence; and

WHEREAS, the City's current definition of junked vehicles is limited to only vehicles which are required to be registered by the Texas Department of Motor Vehicles; and

WHEREAS, many inoperable and disassembled vehicles which do not require registration create nuisances need to be addressed by the City's ordinance as junked vehicles;

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BRYAN, TEXAS:

Section 1.

That Chapter 38, Environment, Article II, Abandoned and Junked Vehicles, Section 38-21 of the Bryan Code of Ordinances is hereby amended by replacing it in its entirety with the following:

"Sec. 38-21. Definitions.

The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

Junked vehicle means any vehicle, as defined by this section, which:

- 1) Is wrecked, dismantled or partially dismantled, or discarded; or
- 2) Is inoperable and has remained inoperable for more than:
 - a. Seventy-two consecutive hours, if the vehicle is on public property; or
 - b. Thirty consecutive days, if the vehicle is on private property; or
- 3) Is an aircraft that does not have lawfully printed on the aircraft an unexpired federal aircraft identification number registered under Federal Aviation Administration aircraft registration regulations in 14 C.F.R. Part 47; or
- 4) Is a watercraft that:
 - (1) does not have lawfully on board an unexpired certificate of number; and
 - (2) is not a watercraft described by Section 31.055, Parks and Wildlife Code.

Vehicle means:

- 1) a vehicle, as defined in V.T.C.A., Transportation Code § 683.071, as amended;
- 2) an all-terrain vehicle, as defined in V.T.C.A., Transportation Code § 663.001, as amended;
- 3) an electric bicycle or electric personal assistive mobility device; or
- 4) any other object used for transportation of persons or cargo, regardless of whether self-propelled or attached to another vehicle for transport.

Section 2.

That all ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed to the extent of such conflict.

Section 3.

The Bryan City Code, as amended, shall remain in full force and effect, save and except as amended by this ordinance.

Section 4.

If any section, paragraph, sentence, clause, phrase or word of this ordinance is declared unconstitutional or invalid for any purpose, the remainder of this ordinance shall not be affected thereby and to this end the provisions of this ordinance are declared to be severable.

Section 5.

It is hereby found and determined that the meetings at which this ordinance was passed were open to the public, as required by Section 551.001, *et seq.*, of the Texas Government Code, and that advance public notice of the time, place and purpose of said meetings was given.

Section 6.

It is the intention of the City Council that this ordinance shall become a part of the Bryan City Code and it may be renumbered and codified therein accordingly.

Section 7.

Violations of this ordinance shall be punishable by a fine not to exceed \$500.00, under Section 1.14 of the Bryan Code of Ordinances.

Section 8.

That the City Secretary is directed to publish this ordinance in a newspaper of general circulation in the City of Bryan in compliance with the provisions of the City Charter, which publication shall be sufficient if it contains the title of this ordinance, the penalty provided therein for violation thereof, and the effective date.

Section 9.

That this ordinance shall take effect from and after its final passage and publication as required by law. The effective date of this ordinance shall be August 11, 2015.

PRESENTED AND GIVEN first reading the 28th day of July, 2015, at a regular meeting of the City Council of the City of Bryan, Texas; and given second reading, **PASSED AND APPROVED** on the 4th day of August, 2015, by a vote of 7 ayes and 0 noes at a regular meeting of the City Council of the City of Bryan, Texas.

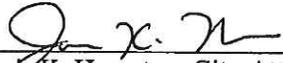
ATTEST:


Mary Lynne Stratta, City Secretary

CITY OF BRYAN:


Jason Bienski, Mayor

APPROVED AS TO FORM:


Jarvis K. Hampton, City Attorney