Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: **TXR040427**

Reporting Year (year will be either 1, 2, 3, 4, or 5): **3**

Annual Reporting Year Option Selected by MS4:

Calendar Year_____

Permit Year_____

Fiscal Year: **X** Last day of fiscal year: (**August 31, 2016**)

Reporting period beginning date: (month/date/year): **September 1, 2015**

Reporting period end date: (month/date/year): **August 31, 2016**

MS4 Operator Level: **2**

Name of MS4: **Texas State University MS4**

Contact Name: **Russell Clark** Telephone Number: **(512) 245-3616**

Mailing Address: **601 University Dr. San Marcos, Texas 78666**

E-mail Address: **mc52@txstate.edu**

A copy of the annual report was submitted to the TCEQ Region YES **X** NO_____

Region the annual report was submitted to, TCEQ Region: **11**

B. Status of Compliance with the MS4 GP and SWMP

1. Provide information on the status of complying with permit conditions: (TXR040000 Part IV Section B.2.):

	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.	X		
Permittee is currently in compliance with recordkeeping and reporting requirements.	X		
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.)	X		

2. Provide a general assessment of the appropriateness of the selected BMPs. See Table 1.

Table 1

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer yes or no, and explain).
1. Public Education, Outreach and Involvement	Comprehensive Stormwater Education and Outreach Program	Yes, reviewed previously identified methods of education and outreach for stormwater education and updated methods of dissemination and types of products to provide effective outreach to the University's target audience. Implemented methods throughout the year.
	Storm Water Quality Education Materials	Yes, additional educational materials were developed throughout the year using "What Goes Here Flows Here" logo developed in Year 2. Materials were delivered at local events to promote stormwater awareness and media was incorporated this year to reach a broader audience.

Table 1		
MCM(s)	**BMP**	**BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer yes or no, and explain).**
1. Public Education, Outreach and Involvement	Education/Training for Construction Personnel	Yes, annual training was provided through Forester University webinars, and subsequent training opportunities were provided throughout the year through IECA, EnviroCert or other approved methods. The trainings provided construction personnel with an understanding of effective erosion and sediment control methods and good best management practices to employ on construction sites.
	Awareness Outreach for Employees and Students	Yes, methods of training were improved using the What Goes Here Flows Here" logo developed in Year 2 and increased awareness of stormwater for students, staff and faculty and the different ways pollutants can reach the waterways.
	Web Page and Community Hotlines	Yes, both the illicit discharge hotline and webpage serve as a means to educate the public and boost participation in community events centered around reducing the instances of illicit discharges and pollutants in stormwater runoff.
	Storm Drain Stenciling or Marker Program	Yes, information illustrating the purpose of curb inlet marker installation was posted through our social media platforms and our website. Volunteers who installed the markers also became better informed that the water that flows into storm drains is not treated or filtered before entering local waterways.
	Community Events	Yes, boosting participation at events designed to reduce the amount of litter in waterways, as well as educating event participants about the importance of keeping stormwater clean, ultimately helps decrease pollutants in stormwater.

Table 1		
MCM(s)	**BMP**	**BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.**
2. Illicit Discharge, Detection and Elimination	Develop UPPS for Illicit Discharge Prohibition and Construction and Post Construction Enforcement	Yes, Campus Stormwater Management University Policy and Procedures (UPPS) 04.05.16 was developed during Years 1 and 2 and finalized in Year 3. This UPPS prohibits illicit discharges to the MS4, soil, or waters of the state and gives the University authority to enforce the elimination of any illicit discharges immediately upon detection.
	Storm Sewer Mapping	Yes, the storm sewer system consisting of 15 miles of piping and over 500 curb and area inlets was reviewed and updated in Year 3 to identify any new storm drain piping or outfalls.
	Develop the Illicit Discharge Detection and Elimination (IDDE) Program for Storm Sewer	Yes, preparation of the IDDE program increased awareness of storm drain and sanitary sewer piping systems, response to illicit discharges and monitoring procedures for outfalls.
	Training on IDDE and Outfall Monitoring	Yes, field personnel trained in outfall monitoring procedures and IDDE identification and response procedures are better prepared to identify and isolate potential illicit discharges.
	IDDE Hotline Number and Follow-Up Procedures	Yes, the hotline number (512-245-IDDE) will increase the number of potential releases reported, thus allowing corrective action to stop the release of pollutants to local waterways.
	Hazardous Waste and Recycle Material Collection Programs	Yes, routine collection of hazardous waste in Year 3 resulted in old chemicals being transferred and stored in our RCRA Hazardous Waste Storage Unit rather than outside or abandoned. Oil, plastics, paper and glass were also successfully kept out of the storm sewer system by routine collection and proper management and disposal.

Table 1		
MCM(s)	**BMP**	**BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.**
3. Construction Site Stormwater Runoff Control	Prepare a University Policy and Procedures Statement (UPPS) for Construction Site Runoff and Illicit Discharge Control	Yes, Campus Stormwater Management University Policy and Procedures (UPPS) 04.05.16 (developed during Year 2 and finalized during Year 3) gives Texas State University the authority to enforce permit conditions for the campus. This will improve the quality of stormwater discharges to the river.
	Monitor Compliance with Stormwater Requirements for New Construction and Redevelopment	Yes, the review of construction contracts for the Campus Stormwater Management UPPS Resulted in awareness of stormwater protection measure already in place and procedures to include in the Construction/Post Construction Plan for MS4 Compliance in Year 3.
	Site Plan Review Program	Yes, review of site plans on all construction projects with outside soil disturbance resulted in adequate BMPs for erosion and sediment control.
	Construction Site Inspection Program	Yes, routine joint inspections between Texas State departments and the General Contractor resulted in proper maintenance or replacement of BMPs and improved quality of stormwater runoff.
4. Post-construction Stormwater Management in New Development and Redevelopment	Prepare UPPS for Post Construction Runoff	Yes, Campus Stormwater Management University Policy and Procedures (UPPS) 04.05.16 (developed during Year 2 and finalized during Year 3) gives Texas State University the authority to enforce permit conditions for the campus. This will improve the quality of stormwater discharges to the river.

Table 1		
MCM(s)	**BMP**	**BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.**
4. Post-construction Stormwater Management in New Development and Redevelopment	Program for Runoff from New Development and Redevelopment	Yes, procedures in the Construction and Post Construction Plan for MS4 Compliance addresses selection of post construction BMPs for water quality. A StormTrooper, water quality detention pond and permeable pavers were included in new construction plan reviews for Year 3.
	Inventory of Structural BMPs	Yes, creating and maintaining an inventory of BMPs on campus, developing a maintenance manual with a recommended maintenance schedule, and developing fact sheets about how to maintain the BMPs to improve effectiveness will improve the performance of the BMP and effluent water quality.
	Review Design Packages for Post Construction BMPs	Yes, post construction BMPs improve water quality of discharges leaving new construction and redevelopment.
	Operation and Maintenance of Structural BMPs	Yes, maintenance of BMPs improve performance of BMPs, overall effectiveness of the unit and water quality.
	BMP Inspection Program	Yes, inspection of BMPs helps to identify maintenance needs and allows for a check and balance system, ensuring they are operating at maximum efficiency & resulting in cleaner water quality.
	Characterize BMP Wastes for Disposal	Yes, clarified requirements for offsite rather than onsite disposal of stormwater related wastes – liquids and solids, resulted in cleaner water quality.

Table 1		
MCM(s)	**BMP**	**BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.**
5. Pollution Prevention/Good Housekeeping for Municipal Operations	Prepare an Operation and Maintenance Program	Yes, updating the Operation and Maintenance Program for Good Housekeeping/Pollution Prevention helps identify pollutant sources at municipal-type facilities and decrease polluted stormwater runoff from these facilities on campus.
	Fleet and Equipment Maintenance	Yes, SPCC training on spill response helped educate employees on proper disposal of oil, who to notify in the event of a spill and when to notify them, and proper spill cleanup procedures. Maintenance of the grit trap and oil/water separator eliminated overflow of these wastes to navigable waters and runoff pathways.
	Golf Course, Intramural Fields and Grounds Operations	Yes, preparation of the Campus Standard for Turf Management increased awareness of pollutant sources from fertilizers and pesticides and instilled practices to reduce those pollutants from entering the San Marcos River.
	Inventory of Municipal-Type Operations	Yes, identification of municipal-type operations on campus lead to initial assessments and reporting format to report good and poor housekeeping practices.
	Employee Training Program	Yes, trained applicators use industry standards when applying and/or limiting chemical applications and this reduces the amount of chemical runoff from the campus fields and Golf Course.

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:

See Attachment A and information in Table 2 below.

4. Provide the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals:

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
1. Public Education, Outreach and Involvement	Implement program and update as needed.	Met goal. Continued to implement components in Year 3.
	Distribute educational materials such as brochures, fliers, door hangers, magnets at university and city sponsored events.	Met goal. Distributed 2,626 educational/promotional items. See **Attachment A** for examples. **Attachment A** Table 1 lists all Public Education efforts.
	Post or broadcast digital promotional materials onto free media outputs such as Texas State Radio, Texas State and City cable stations, social media and various websites and list serves as appropriate.	Met goal. Developed Facebook page in Year 3, in addition to efforts established in previous years. See **Attachment A** for examples.
	Provide training for Texas State construction staff (FPDC) such as “lunch and learns,” vendor demonstration, links to webinars or podcasts, classroom training or online training. Update training annually.	Met goal. Trained 21 Texas State construction staff members.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
1. Public Education, Outreach and Involvement	Provide basic stormwater pollution prevention awareness input into new employee and new student orientation.	Met Goal. New employees (221) were trained in General Stormwater Awareness (PowerPoint, take-home handout). New students (4722) were trained in general stormwater awareness (PowerPoint, interactive tour). **Attachment A** Table 3-1 and Table 3-2 lists all training records.
	Include pollution prevention and MS4 permit awareness messages in regularly published media such as newsletters, campus wide e-mails, web postings and electronic marquees.	Met goal. Distributed stormwater educational messages via campus-wide emails, newsletters, and social media postings various times throughout Year 3. Reached approximately 165,338 people with education and outreach messages. See **Attachment A** for examples. **Attachment A** Table 1 lists all Public Education efforts.
	Implement pet waste awareness campaign, including information on concerns associated with the release of aquarium pets to local aquatic resources, for University-owned or managed apartments.	Met goal. Provided education and outreach for on-campus residence halls regarding proper disposal of aquatic animals, as well as information to San Marcos Regional Animal Shelter about proper dog waste disposal. See **Attachment A** (Educational Materials section) for examples. **Attachment A** Table 1 lists all Public Education efforts

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
1. Public Education, Outreach and Involvement	Enhance the University webpage to include stormwater educational materials, contact information and other appropriate materials.	Met goal. See **Attachment A** for examples.
	Expand the websites to include hotline numbers, Annual Reports, and event dates and schedules.	Met goal. The Texas State Stormwater Website provides information about volunteer opportunities, links to the SWMP and Annual Reports, as well as a place to report illicit discharges online or through a phone number.
	Incorporate new design on new and replacement storm drain covers.	Met goal. Fifteen manhole covers using the updated standard were installed on new development areas (Bobcat Trail – 2, Jones Dining Hall – 4, and Moore Street Housing – 9).
	Install inlet markers on at least 10 curb inlets annually.	Exceeded goal. Installed 98 inlet markers on area drains and curb inlets on campus. See **Attachment A** for data and photos. **Attachment A** Table 2 lists all Public Participation events.
	Participate in at least one San Marcos River cleanup each year.	Met goal. March 5, 2016 – Increased participation by 28% compared to Year 1. 700 volunteers cleaned 6 watershed areas in 4 hours. Picked up 17,080 lbs of trash and 7,350 lbs of recyclable materials. See **Attachment A** for data and photos. **Attachment A** Table 2 lists all Public Participation events.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
1. Public Education, Outreach and Involvement	Work with Bobcat Build volunteers once a year on stormwater cleanup, maintenance or other related projects.	Met goal. April 2, 2016 – Used curb inlet marker installation for Bobcat Build project. See **Attachment A** for data and photos. **Attachment A** Table 2 lists all Public Participation events.
	Continue with Texas State volunteer groups for Keep San Marcos Beautiful (KSMB) "Adopt-a-Spot" projects.	Met goal. Eleven Adopt-a-Spot and Hot Spot clean-up projects through the Keep San Marcos Beautiful Program. 132 volunteers spent approximately a combined 25 hours picking up 157 bags of trash, 31 bags of recyclables, and 2 bags of Styrofoam. See **Attachment A** for data. **Attachment A** Table 2 lists all Public Participation events.
2. Illicit Discharge Detection and Elimination (IDDE)	Finalize and include in employee training for shops, the garage, FPDC, Utilities Operations DHRL, Auxiliary Services and Grounds Operations.	Met Goal.
	Include policy in subcontracts as applicable	Met Goal
	Continue to update the MS4 map showing new outfalls and modified or new storm sewer lines and inlets.	Met goal. 34 outfalls previously mapped. MS4 Outfall Map updated to show one additional MS4 outfall locations identified based on GIS mapping of new development. Year 3 additions include 3,473 feet of new storm sewer system piping from new development.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
2. Illicit Discharge Detection and Elimination (IDDE)	Annually review project closeout documents received by contractors to ensure they provide GIS compatible as-built's of the storm and sanitary sewer systems.	Met goal. "As-Builts" of Moore Street Housing, Bobcat Trail and Jones Dining Hall provided to GIS Technician. New piping, storm inlet information, and post-construction BMPs added to database.
	Continue inspection of grease traps and lift stations and replace broken manhole covers with Texas State salamander covers.	Exceeded goal. 60 grease trap inspections, 5 pumped out, and 3 repaired. 21 lift station inspections and 2 repairs. 30 manhole covers were inspected, 0 were broken and 0 replaced. 9 compactors were inspected daily over 49 weeks, totaling 2205 inspections. 36 incidents were responded to and resolved during Year 3.
	Include procedures for verification of no cross connects between the storm and sanitary sewers in new development and remodel projects.	Met goal. Procedure accepted August 24, 2016.
	Finalize plan and implement.	Met Goal.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
2. Illicit Discharge Detection and Elimination (IDDE)	Implement training with workshops for the Shops, Grounds Operations, Garage, Auxiliary Services, DHRL, FPDC, and Utility Operations followed by annual refresher training.	Met Goal. 243 employees completed Illicit Discharge, Detection and Elimination annual training using SAP software system.
	Implement the program and document the types of complaints and corrective actions taken for the annual report.	Met Goal. IDDE number finalized and training provided to Utility Operations and Facilities Plumbing shop for IDDE Response. Table top and field drills practiced. **Attachment A** Table 9 lists all IDDE responses.
	Continue to provide weekly waste pickups on campus to shops and labs.	Met goal. 52 pickups of hazardous and industrial waste in Year 3.
	Continue to offer monthly battery pickup and annual electronic waste recycling.	Met goal. 12 pickups of alkaline and rechargeable batteries in Year 3.
	Continue to collect recyclable materials from all academic buildings, shops and dorms on a scheduled basis.	Met goal. Three pickups of recycled oil and daily pickups of recyclable materials (cardboard, paper, and mixed stream) over 49 weeks (245 pickups total) in Year 3.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
2. Illicit Discharge Detection and Elimination (IDDE)	Continue to record the volume of hazardous waste and recyclable materials picked up and report to management annually.	Met goal. Picked up a total of 77 tons of hazardous and industrial waste in 52 pickups. Recycled a total of over 421 tons of recyclable materials (cardboard, plastics, and mixed stream) through weekly pickups and self-serve drop off. Picked up 565 gallons of recycled oil. Recycled a total of 2251 pounds of alkaline, 1819 pounds of lead acid and 316 pounds of rechargeable batteries in Year 3. Hazardous waste reported to TCEQ on 1-14-16 in the Annual Waste Summary Report. See Table 4 in **Attachment A.**
3. Construction Site Stormwater Runoff Control	Finalize and include in employee training for FPDC and contractor training.	Met Goal. Will add to contractor training (Year 4 goal).
	Continue to monitor compliance with stormwater program for new construction and redevelopment.	Met Goal (Progress Ongoing). Construction and Post Construction Plan for MS4 Compliance approved January 2016.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
3. Construction Site Stormwater Runoff Control	Modify construction standards and contract documents to include additional provisions required by MS4 permit.	Met Goal. Texas State University Construction Standards updated to reference compliance with the MS4 Permit (Construction and Post Construction Plan for MS4 Compliance). Contract documents designed to follow Construction Standard guidelines for new construction and redevelopment.
	Circulate for review, finalize and implement.	Met Goal (Progress Ongoing). Program implemented, will update as necessary.
	Continue with the process of reviewing erosion control plans, SWPPP drawings and post construction BMP selection on site plans for new construction and redevelopment.	Exceeded goal. Reviewed 97% of erosion control plans, SWPPP drawings and post construction BMP selection, for projects one acre or larger in size. See Table 5 in **Attachment A** for data.
	Review site plans in terms of protection of water quality impact, including BMP selection and design with emphasis on low impact development.	Met Goal. EHSRM reviewed plans and assisted with selection of proper BMPs (construction and post-construction) including a StormTrooper and water quality detention pond. Permeable pavers were also accepted as a post-construction LID BMP at the new Engineering and Science Building.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
3. Construction Site Stormwater Runoff Control	Continue with existing program of weekly SWPPP site inspections and reporting for 1 acre and larger sites.	Met goal. Performed 131 SWPPP site inspections in Year 3. See Table 6 in **Attachment A.**
	Continue attending conferences and training to increase skills and knowledge for construction inspectors.	Met goal. Workshops attended – 10 Total professional development hours – 165 Total number of attendees – 89 See Table 7 in **Attachment A.**
	Resolve all noncompliance issues or pursue enforcement actions per the UPPS.	Met goal. 2 incidences of noncompliance resolved in Year 3. See Table 6 in **Attachment A**.
4. Post-Construction Stormwater Management in New Development and Redevelopment	Finalize UPPS.	Met Goal.
	Circulate for review.	Met Goal.
	Continue compiling information on the location and kinds of structural BMPs on campus.	Met goal. Added two post-construction BMPs (Storm Trooper at Jones Dining Hall and rainwater cistern at Moore Street Housing). Both BMPs were added to the BMP Maintenance Manual.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
4. Post-Construction Stormwater Management in New Development and Redevelopment	Update the table and map as new BMPs are added or discovered.	Met goal. Updated inventory for Year 3: Added RC-1-05 and ST-2-01.
	Continue with plan review and project acceptance procedures.	Met goal.
	Require contractors to submit operation and maintenance plans for structural BMPs.	Met goal.
	Perform O&M on structural BMPs according to the maintenance schedule.	Met goal. 49 post-construction BMPs were maintained and over 107 tons of material was removed for off-site disposal. See Table 8 in **Attachment A.**
	Develop BMP fact sheets and use to train applicable employees to perform inspections. Document training.	Met Goal. Fifteen BMP Fact Sheets developed to train employees on how the unit works as well as proper maintenance.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
4. Post-Construction Stormwater Management in New Development and Redevelopment	Perform compliance inspections annually or more frequently to determine if maintenance is required.	Met goal. Performed annual inspection of 41 BMPs in October 2015. Spot checked 27 units in August 2016. Utilities Operations employees perform additional spot checks on BMPs that require maintenance more frequently (as identified in the BMP Maintenance Manual).
	Collect samples of wastes from campus BMPs as maintenance for each unit is pending.	Met goal. Sample of sludge from Contech hydrodynamic units sampled 12-23-2014 and characterized as Class 2 Industrial Waste for December 2015 cleanouts.
	Document sampling results and volumes of waste removed annually.	Met goal. Sampling data kept in the Waste Analysis Plan. See Table 8 in **Attachment A** for annual volumes of waste.
5. Pollution Prevention/Good Housekeeping for Municipal Operations	Continue SPCC training program for all personnel working with oil and petroleum products.	Met Goal. 184 employees completed Spill Prevention, Control and Countermeasures annual training using SAP software system. See Table 3-1 in **Attachment A**.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
5. Pollution Prevention/Good Housekeeping for Municipal Operations	Continue with grit trap and oil/water separator cleanout annually at the Facilities garage. Obtain or renew contract for these services.	Met goal. 12,510 pounds of grit trap and oil/water waste was removed from the 2 BMPs at the Physical Plant Garage in Year 3. 62,800 gallons of grease was removed from grease traps on campus during Year 3. See Table 4 and Table 8 in **Attachment A**.
	Develop best management practices for a campus standard.	Met Goal. Campus Standards were developed from recommendations given in the Consolidated Landscape/Turf Irrigation and Management Program. The Campus Standards were officially adopted February 1, 2016.
	Update individual turf management plans to incorporate the standards.	Met Goal.
	Inventory all product storage areas and update	Product inventories were submitted by Campus Recreation, Grounds and Waste Management, and Athletics in Year 3 and will be updated in subsequent years. The inventories will be verified when inspections are performed in Year 4.
	Continue with licensed applicator required training and records retention. Maintain records electronically.	12 employees were recertified in licensed pesticide applicator training in Year 3. See Table 7 in **Attachment A**.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
5. Pollution Prevention/Good Housekeeping for Municipal Operations	Conduct an assessment of each area to determine what BMPs can be put in place for pollution prevention/spill prevention.	Met Goal. 17 initial site inspections performed.
	Develop inspection checklists for municipal-type operations.	Met goal Inspection checklist was developed based on the assessments conducted in Year 3.
	Acquire training materials from sources such as EPA, TCEQ, other MS4s, and NCTOG.	Met Goal. Training video will be incorporated into online training database for Year 4.
	Incorporate BMP language for good housekeeping and turf management into contract documents.	Met Goal. Contract documents amended to include reference to the Texas State University Campus Standards for Turf Management as well as the Texas State University Operation and Maintenance Program for Good Housekeeping/Pollution Prevention.

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

1. Provide a summary of all information used including any lab results (if sampling was conducted) to assess the success of the SWMP at reducing the discharge of pollutants to the MEP. For example, did the MS4 conduct visual inspections, clean the inlets, look for illicit discharge, clean streets, look for flow during dry weather, etc.? *(Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(b))*

Not required for Level 2 MS4s. No TMDL for TDS impairment on Segment 1814 Upper San Marcos River.

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 *(Refer to MS4 General Permit TXR040000 Part IV Section B.2.(c)):*

   The 2014 Texas Integrated Report – Texas 303(d) List no longer lists the Upper San Marcos River, segment 1814, as impaired. It was previously listed for Total Dissolved Solids (TDS) concentrations, but has since been removed from the list.

2. Describe the implementation of targeted controls if the small MS4 discharges to an impaired water body with an approved TMDL *(Refer to the MS4 General Permit TXR040000; Part II Section D.4.(a)):*

Not Applicable

3. Report the benchmark identified by the MS4 and assessment activities (*Refer to the MS4 General Permit TXR040000; Part II Section D.4.(a)(6)*):

Not Applicable

4. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark (*Refer to the MS4 General Permit TXR040000; Part II Section D.4.(a)(4)):*

Not Applicable

5. If applicable, report on focused BMPs to address impairment for bacteria (*Refer to the MS4 General Permit TXR040000; Part II Section D.4.(a)(5)*):

Not Applicable

6. Assess the progress to determine BMP's effectiveness in achieving the benchmark (Refer to the MS4 General Permit TXR040000; Part II.D.4.(a)(6)):

Not Applicable

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:

Table 3

MCM(s)	BMP	Stormwater Activity	Description/Comments
1. Public Education, Outreach and Involvement	Comprehensive Stormwater Education and Outreach Program	Implement program and update as needed.	Continuation from Years 2 & 3.
	Stormwater Quality Education Materials	Distribute educational materials such as brochures, fliers, door hangers, magnets at university and city sponsored environmental events or other appropriate activities.	Continuation from Years 2 & 3.
		Post or broadcast digital promotional materials onto free media outputs such as Texas State radio, Texas State and City cable stations, social media and various websites and list serves as appropriate.	Continuation from Year 3.
	Education/Training for Construction Personnel	Provide training for Texas State construction staff (FPDC) such as “lunch and learns”, vendor demonstrations, and links to webinars or podcasts, classroom training or online training. Update training annually.	Continuation from Year 3.

Table 3			
MCM(s)	**BMP**	**Stormwater Activity**	**Description/Comments**
1. Public Education, Outreach and Involvement	Education/Training for Construction Personnel	Provide orientation training to contractor and subcontractor superintendents on basic SWPPP inspection expectations and site control upon initial site startup at a jobsite.	New task for Year 4.
	Awareness Outreach for Employees and Students	Include pollution prevention and MS4 permit awareness messages in regularly published media such as newsletters, campus wide e-mails, web postings and electronic marquees.	Continuation from Years 2 & 3.
		Implement pet waste awareness campaign, including information on concerns associated with the release of aquarium pets to local aquatic resources, for University-owned or managed apartments.	Continuation from Year 3.
	Web Page and Community Hotlines	Expand the website to include hotline numbers, Annual Reports, and event dates and schedules.	Continuation from Years 2 & 3.
	Storm Drain Stenciling or Marker Program	Incorporate new design on new and replacement storm drain covers.	Continuation from Year 2 & 3.
		Install inlet markers on at least 10 curb inlets annually.	Continuation from Year 2 & 3.
	Community Events	Participate in at least one San Marcos River cleanup each year.	Continuation from Years 1, 2 & 3.

Table 3			
MCM(s)	**BMP**	**Stormwater Activity**	**Description/Comments**
1. Public Education, Outreach and Involvement	Community Events	Work with Bobcat Build volunteers on stormwater cleanup, maintenance or other related projects.	Continuation from Years 1, 2 & 3.
		Continue with Texas State volunteer groups for Keep San Marcos Beautiful (KSMB) "Adopt-a-Spot" projects.	Continuation from Years 1, 2 & 3.
2. Illicit Discharge, Detection and Elimination	Develop UPPS for Illicit Discharge Prohibition and Construction and Post Construction Enforcement	Finalize and include in employee training for shops, the garage, FPDC, Utilities Operations DHRL, Auxiliary Services and Grounds Operations.	Continuation from Years 2 & 3.
		Include policy in subcontracts as applicable	Continuation from Years 2 & 3.
	Storm Sewer Mapping	Continue to update the MS4 map showing new outfalls and modified or new storm sewer lines and inlets.	Continuation from Years 1, 2 & 3.
		Annually review project closeout documents received by contractors to ensure they provide GIS compatible as-built's of the storm and sanitary sewer systems.	Continuation from Years 2 & 3.
	Develop the Illicit Discharge, Detection Elimination (IDDE) Program for Storm Sewer	Continue inspection of grease traps and lift stations and replace broken manhole covers with Texas State salamander covers.	Continuation from Years 1, 2 & 3.

Table 3			
MCM(s)	**BMP**	**Stormwater Activity**	**Description/Comments**
2. Illicit Discharge, Detection and Elimination	Develop the Illicit Discharge, Detection Elimination (IDDE) Program for Storm Sewer	Finalize plan and implement.	Continuation from Year 3.
	Training on IDDE and Outfall Monitoring	Implement training with workshops for the Shops, Grounds Operations, Garage, Auxiliary Services, DHRL, FPDC, and Utility Operations followed by annual refresher training.	Continuation from Year 3.
	IDDE Hotline Number and Follow-Up Procedures	Implement the program and document the types of complains and corrective actions taken for the annual report.	Continuation from Year 3.
	Hazardous Waste and Recycle Material Collection Programs	Continue to provide weekly waste pickups on campus to shops and labs.	Continuation from Years 1, 2 & 3.
		Continue to offer monthly battery pickup and annual electronic waste recycling.	Continuation from Years 1, 2 & 3.
		Continue to collect recycle materials from all academic buildings, shops and dorms on a scheduled basis.	Continuation from Years 1, 2 & 3.
		Continue to record the volume of waste and recyclable materials picked up and report to management annually.	Continuation from Years 1, 2 & 3.

Table 3			
MCM(s)	**BMP**	**Stormwater Activity**	**Description/Comments**
3. Construction Site Stormwater Runoff Control	Prepare a University Policy and Procedures Statement (UPPS) for Construction Site Runoff and Illicit Discharge Control	Finalize and include in employee training for FPDC and contractor training.	Continuation from Year 3.
	Monitor Compliance with Stormwater Requirements for New Construction and Redevelopment	Continue to monitor compliance with stormwater program for new construction and redevelopment.	Continuation from Years 1, 2 & 3.
		Circulate for review, finalize and implement.	Continuation from Years 2 & 3.
	Site Plan Review Program	Continue with the process of reviewing erosion control plans, SWPPP drawings and post construction BMP selection on site plans for new construction and redevelopment.	Continuation from Years 1, 2 & 3.
		Review site plans in terms of protection of water quality impact, including BMP selection and design with emphasis on low impact development.	Continuation from Year 3.
	Construction Site Inspection Program	Continue with existing program of routine SWPPP site inspections and reporting for one acre and larger sites.	Continuation from Years 1, 2 & 3.

Table 3			
MCM(s)	**BMP**	**Stormwater Activity**	**Description/Comments**
3. Construction Site Stormwater Runoff Control	Construction Site Inspection Program	Continue attending conferences and training to increase skills and knowledge of construction inspectors.	Continuation from Years 1, 2 & 3.
		Resolve all noncompliance issues or pursue enforcement actions per the UPPS.	Continuation from Years 2 & 3.
4. Post - Construction Stormwater Management in New Development and Redevelopment	Prepare UPPS for Post Construction Runoff Control	Finalize UPPS.	Continuation from Years 2 & 3.
	Inventory of Structural BMPs	Update the table and map as new BMPs are added or discovered.	Continuation from Years 2 & 3.
	Review Design Packages for Post Construction BMPs	Continue with plan review and project acceptance procedures using checklist.	Continuation from Years 2 & 3.
	Operation and Maintenance of Structural BMPs	Require contractors to submit operation and maintenance plans for structural BMPs.	Continuation from Years 2 & 3.
		Perform O&M on structural BMPs according to the maintenance schedule.	Continuation from Years 2 & 3.
	BMP Inspection Program	Develop BMP fact sheets and use to train applicable employees to perform inspections. Document training.	Continuation from Year 3.

Table 3			
MCM(s)	**BMP**	**Stormwater Activity**	**Description/Comments**
4. Post - Construction Stormwater Management in New Development and Redevelopment	BMP Inspection Program	Perform compliance inspections annually or more frequently to determine if maintenance is required.	Continuation from Years 2 & 3.
	Characterize BMP Wastes for Disposal	Collect samples of wastes from campus BMPs as maintenance for each unit is pending.	Continuation from Years 2 & 3.
		Document sampling results and volumes of waste removed annually.	Continuation from Years 2 & 3.
5. Pollution Prevention/ Good Housekeeping for Municipal Operations	Prepare an Operation and Maintenance Program	Finalize the program (implement).	Continuation from Years 1, 2 & 3.
	Fleet and Equipment Maintenance	Continue SPCC training program for all personnel working with oil and other petroleum products.	Continuation from Years 1, 2 & 3.
		Continue with grit trap and oil/water separator cleanout annually at the Facilities garage. Obtain or renew contractor for these services.	Continuation from Years 1, 2 & 3.
	Golf Course, Intramural Fields and Grounds Operations	Perform semiannual inspections of areas identified in the inventory.	New Task for Year 4.
		Continue with licensed applicator required training and records retention.	Continuation from Years 1, 2 & 3.

Table 3			
MCM(s)	**BMP**	**Stormwater Activity**	**Description/Comments**
5. Pollution Prevention/ Good Housekeeping for Municipal Operations	Inventory of Municipal Type Operations	Perform semiannual inspections of areas identified in the inventory.	New task for Year 4.
	Employee Training Program	Provide initial training and then annually for new employees.	New task for Year 4.
	Contractor Oversight	Spot check contractors to ensure that BMPs are being followed.	New task for Year 4.

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 ___X___No

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

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

1. 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.

Not Applicable

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?

___X___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):

Name and Explanation:

City of San Marcos TXR040485. Coordinating Education, Outreach and Public Participation efforts as appropriate with the City to maximize the program and cost-effectiveness of the required outreach.

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

_____Yes ___X___No

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

_____Yes ___X___No

Not Applicable

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):

None

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

_____Yes ___X___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): **Russell Clark, CSP** Title: **Director, EHSRM**

Signature:  Date: **November 9, 2016**

Name (printed):_____ Title:_____

Signature:_____ Date:_____

Name (printed):_____ Title:_____

Signature:_____ Date:_____

Name (printed):_____ Title:_____

Signature:_____ Date:_____

Name (printed):_____ Title:_____

Signature:_____ Date:_____

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 A: Narrative Provision

Introduction

This Annual Report satisfies the requirements of Part IV.B.2 of the TPDES Small MS4 General Permit TXR040000. Additional information is provided in this narrative section to supplement the data reported in Tables 1 and 2 of the TCEQ Standard Form No. 20561 (Rev May 2016) for annual reporting.

MCM-1 Public Education, Outreach and Involvement

Distribute educational materials such as brochures, fliers, door hangers, magnets at university and city sponsored events.

Educational Materials

The Texas State University and City of San Marcos separate MS4 Programs have continued to work together on education and outreach efforts throughout Year 3. The What Goes Here Flows Here logo, developed in Year 2, has helped to further establish this partnership and has been fully adopted by both entities. Along with the handouts and promotional items developed and distributed in Year 2 using the What Goes Here Flows Here logo, additional items have been distributed throughout Year 3. See below for items developed and distributed in Year 3.

In Year 3, 2626 educational and promotional items were distributed at public participation events such as Arbor Day, the Annual Great Texas River Clean Up, and Bobcat Build. Others were given out at public outreach events such as HEATstock, Arbor Day, Aquatic Science Adventure Camp, and Texas State Support Staff Resources Employee Fair.

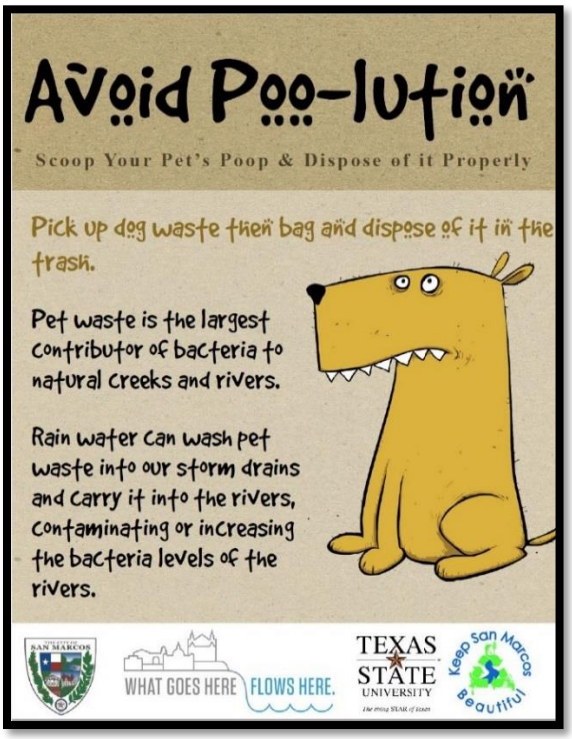
Table 1 shows a summary of the total number of promotional items or educational materials distributed, along with the total number of awareness messages disseminated throughout Year 3.

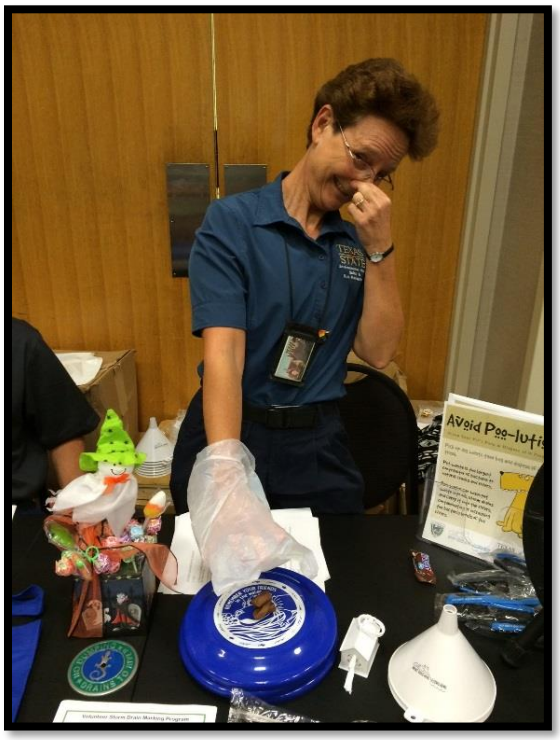
Pet Waste Awareness "Avoid Poo-lution" Handout

Developed in Year 2 and distributed at various education and outreach events in Year 3.

These handouts were passed out with pet waste bag dispensers. A demonstration on how to pick up after your pet was also given during these events.

“Avoid Poo-lution” handouts and pet waste bag dispensers provided to San Marcos Regional Animal shelter during pet adoptions. One handout and one pet waste bag dispenser is provided for each person adopting a dog to encourage picking up after their new pet.





Pet Waste Awareness Pet Fish Disposal Handout

Developed in Year 2 and updated and distributed in Year 3 at all residence halls on campus.

This pet waste awareness poster was developed by the Edwards Aquifer Habitat Conservation Plan to discourage students from releasing their pet fish into the San Marcos River. Non-native fish can pose serious threats to the native fish living in the San Marcos River, and the EAHCP has reported findings of these aquarium fish populating the river. Students living on campus are only permitted to have pet fish in the residence halls, and it has become common practice for students to release these fish into the San Marcos River after the school year has ended. The poster was developed to discourage this practice and provide alternate methods of disposal.

Residence Hall Directors were provided training on this issue to encourage their Resident Assistants and residents to utilize these proper disposal services. Each residence hall on campus was provided one poster per floor including all disposal information and a contact phone number (see below). This information was also included in the Spring 2016 residence hall check out form for every student moving out of their residence halls.

What Goes Here Flows Here Water Bottle

Water bottles with the What Goes Here Flows Here logo were purchased for the 31st Annual Great Texas River Clean Up (March 5, 2016) and have been distributed at events throughout Year 3.

Illicit Discharge Hotline Number Keytags

Keytags with the IDDE hotline number were purchased in Year 3 and distributed to employees required to complete the annual Illicit Discharge, Detection and Elimination training. In Year 4, these keytags will be distributed to additional Texas State Staff and Faculty.

Reusable Mesh Trash Bags

Reusable mesh trash bags with the What Goes Here Flows Here logo and an educational message were distributed in Year 3 to discourage littering while enjoying river recreation. The Texas State Aquatic Science Adventure Camp and Texas State Outdoor Recreation Center were provided reusable mesh trash bags for distribution to encourage program participants not to litter while enjoying activities that involve river recreation.

Education and Outreach Events

The What Goes Here Flows Here Partnership participated in various environmental-centered educational events throughout Year 3. Below are examples of those events.

Texas State Support Staff Resources Fair, October 2015

Employee fair for Texas State staff and faculty. The What Goes Here Flows Here program attended to provide a stormwater awareness message to employee fair attendees. Attendees who visited the booth were asked to spin a wheel and then were asked a stormwater-related question. The categories were divided out based on Minimum Control Measures and the questions were developed to be informative as well as relatable. Each visitor received a handout or promotional item.

City of San Marcos Employee Expo, October 2015

Employee fair for City of San Marcos staff. The What Goes Here Flows Here program attended to provide a stormwater awareness message to employee fair attendees using the same method as stated in the above description.

Arbor Day, February 2016

Annual event hosted by Texas State University, recognized as a Tree Campus USA by the Arbor Day Foundation. Attendees given the opportunity to beautify campus by participating in a hands-on mass tree planting ceremony. The What goes Here Flows Here program provided attendees with information on how trees can have a positive effect on stormwater runoff.

Texas State Aquatic Science Adventure Camp, July 2016

The Aquatic Science Adventure Camp provides kids ages 8-14 an opportunity to learn about the aquatic sciences, explore nature, participate in river activities, and learn how to protect the earth. The What Goes Here Flows Here program partnered with the Edwards Aquifer Habitat Conservation Plan to provide camp attendees with information on stormwater awareness, watershed basics, and endangered species that live in the San Marcos River.

EAHCP Employees using interactive activities to educate campers

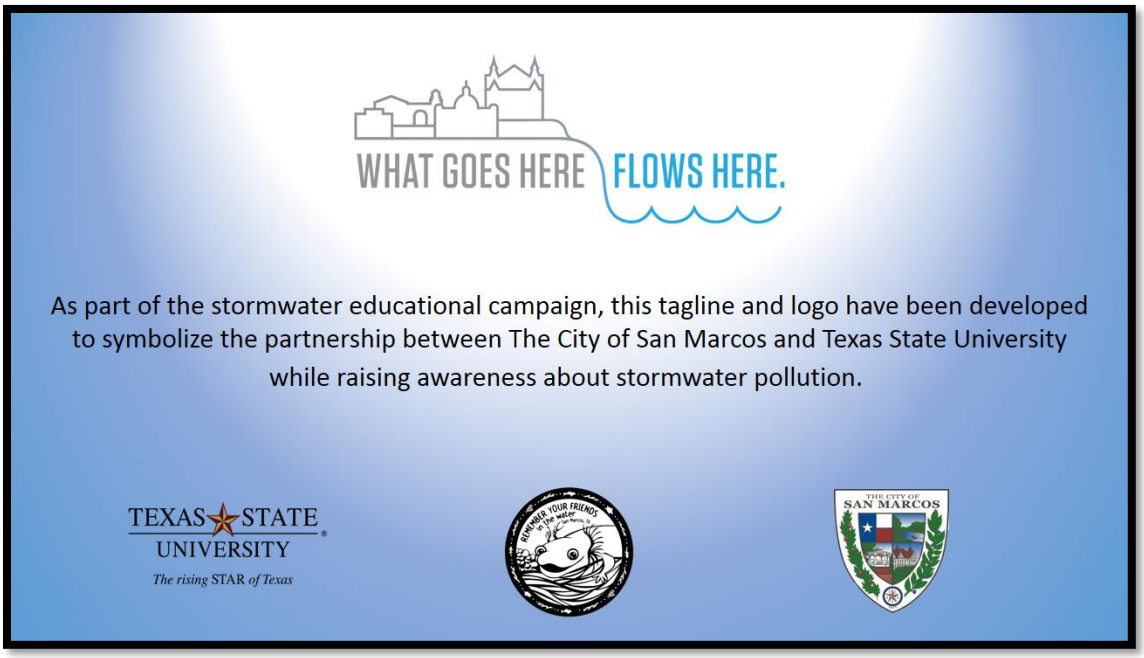
Post or broadcast digital promotional materials onto free media outputs such as Texas State Radio, Texas State and City cable stations, social media and various websites and list serves as appropriate.

Many education and outreach messages were distributed in Year 3 via free media outputs. In Year 3, approximately 165,338 people were reached through various media outputs including Facebook, electronic newsletters, Texas State Cable TV, and news broadcasts.

Table 1 shows a quantified summary of various education and outreach methods in Year 3.

Texas State Cable Channel (TXTV)

The Texas State Cable Channel (or TXTV) is the University's cable channel. Texas State Television cablecasts to all Texas State University and San Marcos cable subscribers. The informational slide below about the What Goes Here Flows Here campaign and its purpose scrolls once every fifteen minutes. In subsequent years, we will use this channel to promote different events and distribute information to the campus community.



Facebook

The What Goes Here Flows Here Facebook page was launched January 20, 2016 as a means to provide information about local stormwater-related issues and volunteer events in real time. The page has been largely successful, boasting 142 likes since its origination less than one year ago. The following posts were some of the page's most successful postings, receiving a larger than average amount of likes and shares, promoting this program as well as the main message.

PokemonGo

Post promoting litter pickup using the popular cell phone app "Pokemon Go."

Aquatic Science Adventure Camp

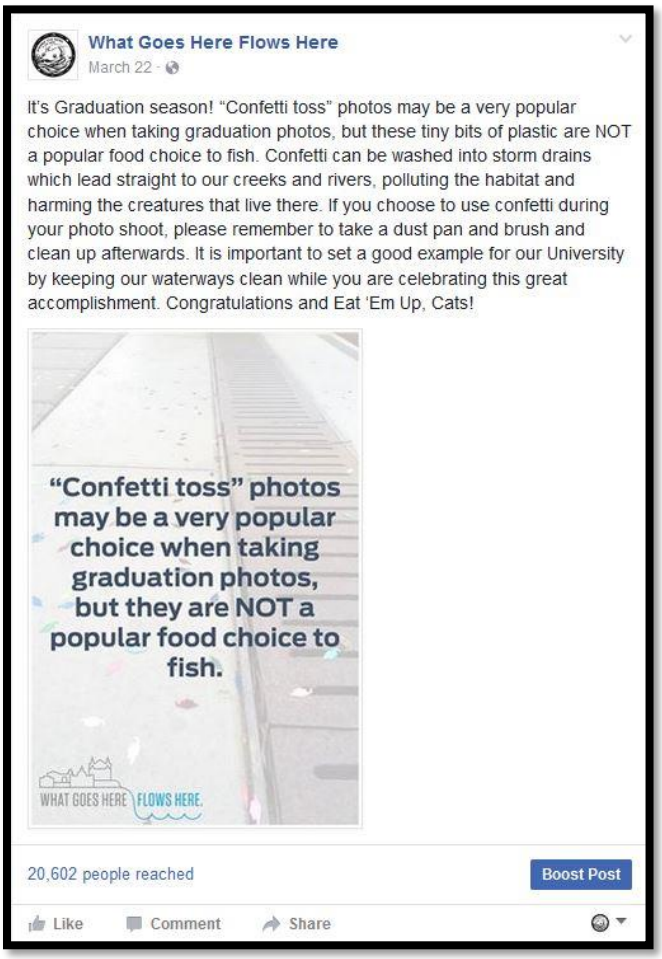
Post promoting the Texas State Aquatic Science Adventure Camp using reusable mesh trash bags for litter pickup along the San Marcos River.

Facebook/Television Broadcast/Newspaper Story: Confetti Concerns

Confetti or glitter tossing photography has become a very popular trend when taking graduation or any other type of celebration photos. In Spring 2016, this trend increased exponentially and the result of these “confetti photos” was an increase of tiny bits of plastic litter around campus and in the San Marcos River. The What Goes Here Flows Here program was contacted by students, staff and faculty to begin an anti-confetti photo campaign. The following media postings were a result of this confetti problem on campus. This campaign has resulted in a largely positive education and outreach effort and has provided this program an opportunity to educate the campus community.

Facebook Post

Post created to discourage the use of confetti during photoshoots and illustrate the dangers that plastic confetti can pose to wildlife, especially endangered species. This has been the What Goes Here Flows Here Facebook page’s most successful post to date (see: shares, likes, and people reached).


What Goes Here Flows Here
March 22 ·
It's Graduation season! "Confetti toss" photos may be a very popular choice when taking graduation photos, but these tiny bits of plastic are NOT a popular food choice to fish. Confetti can be washed into storm drains which lead straight to our creeks and rivers, polluting the habitat and harming the creatures that live there. If you choose to use confetti during your photo shoot, please remember to take a dust pan and brush and clean up afterwards. It is important to set a good example for our University by keeping our waterways clean while you are celebrating this great accomplishment. Congratulations and Eat 'Em Up, Cats!
"Confetti toss" photos may be a very popular choice when taking graduation photos, but they are NOT a popular food choice to fish.
WHAT GOES HERE FLOWS HERE.
20,602 people reached
Boost Post
Like
Comment
Share


Dawn Stienecker, Ashley Scrambling and 45 others
Chronological
113 shares
What Goes Here Flows Here Community Relations Texas State University Students for Community Relations Student Involvement at LBJSC Texas State Panhellenic please share this important message on your pages. We would appreciate it, thank you!
Like · Reply · 3 · March 22 at 7:18pm
Kim Porterfield Make UAC arch and Old Main confetti free zones! Lol
Unlike · Reply · Message · 5 · March 22 at 8:12pm
Austin Sisler Kelsey and Roseann I'm watching you.....
Like · Reply · Message · March 24 at 5:25pm
1 Reply
Lauren Owens Mackenzie Blevins Denise Haygood Blevins
Like · Reply · Message · 2 · March 24 at 7:38pm
Christopher Peak Erik Song Jesus
Like · Reply · Message · April 4 at 3:40pm
1 Reply
Kay McCarty Let our river live!
Like · Reply · Message · 1 · April 5 at 7:44am
Sami Marie Does anybody know of any eco-friendly confetti? If not, then I won't do it.
Like · Reply · Message · April 5 at 12:14pm
Candy Bee They should make those colorful fish flakes bigger and just toss that. Biodegradable and a fish snack.
Like · Reply · Message · April 5 at 7:10pm
Write a comment...
Press Enter to post.

University Star

The Texas State University newspaper picked up on the story and posted an article regarding confetti toss photos and the harm the pose to the environment. The story "Confetti toss graduation photos cause concern for the environment" ran on April 18, 2016 on their print newspaper as well as online platform.

Confetti toss graduation photos cause concern for the environment

By Tommy Murphy - Apr 18, 2016, 5:00 am 1525 0

Photo by: Kaylin King | Staff Photographer

An EHS specialist at Texas State's Environmental, Health, Saftey and Risk Management office said the confetti graduating students throw for their grad photos has a negative environmental impact on the San Marcos River.

KXAN News Interview

The What Goes Here Flows Here program was contacted by reporter Lauren Lanmon of KXAN out of Austin to report on this story. Texas State University staff member Colleen Cook was interviewed by Lauren and the story "Confetti concerns: How it's impacting the San Marcos River" was aired on the 5:00pm news on April 7, 2016. Based on the May 2016 Nielsen ratings, KXAN's viewership at that time is approximately 43,245 households in Austin and surrounding areas.

Confetti concerns: How it's impacting the San Marcos River

By Lauren Lanmon
Published: April 7, 2016, 12:54 pm | Updated: April 7, 2016, 6:18 pm

SAN MARCOS, Texas (KXAN) – As the school year begins to wrap up on college campuses, many students are starting to celebrate their graduation. However, a current trend in the photography world may have a negative impact on the San Marcos River.

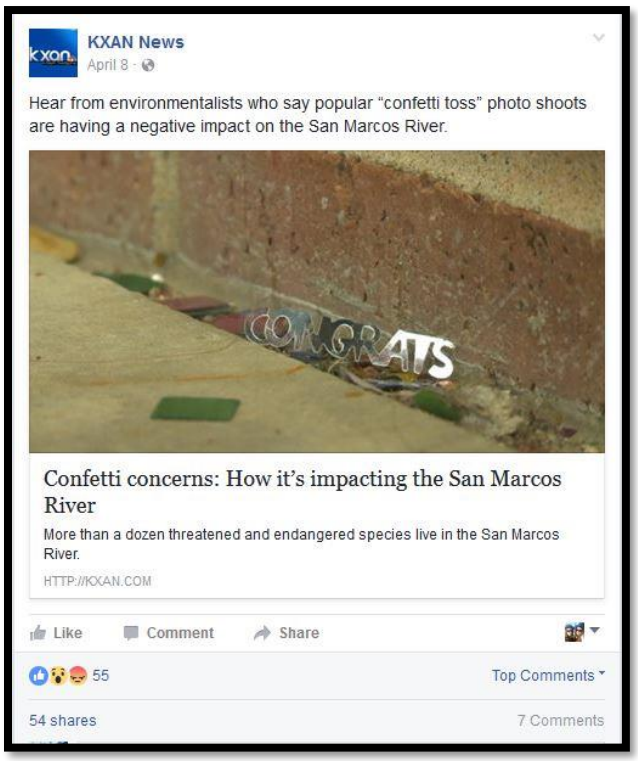
"Confetti toss" photos have become popular and many soon-to-be graduates are taking the idea, but leaving their trash. Colleen Cook works for the Texas State Environmental Office and says it has become a persistent problem on the Texas State campus. "Many students wish to take graduation photos around the Quad and Undergraduate Academic Center areas. However, it's becoming more common to take confetti or glitter tossing pictures and oftentimes the glitter is left on the ground and washed into storm drains which lead straight to the San Marcos River," says Cook."They carry different toxins that don't need to be consumed by humans or especially fish and the animals that reside in the San Marcos River," said Cook.

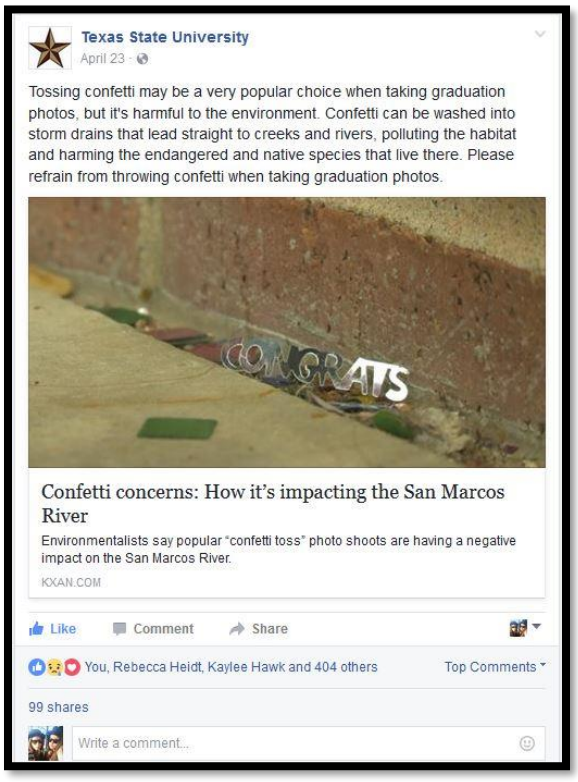
Confetti can be found all around the Texas State University campus. Cook says the litter is left after students celebrate by throwing confetti in the air for a picture. It's a problem she's been battling for months. "It makes me kind of upset a little bit that they are not taking responsibility for their actions."

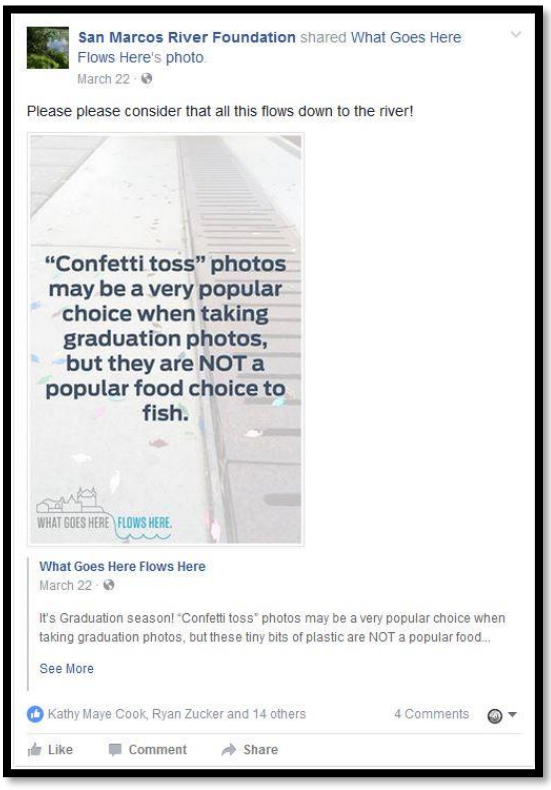
On Saturday, a small group of students took matters into their own hands and installed markers near every drain. But to really make a change, Cook calls for everyone to do their part. "If you can just take two seconds of your time and sweep up the litter that you throw on the ground for your picture, it could save so many lives that live in the San Marcos river."

More than a dozen threatened and endangered species live in the San Marcos River. Environmentalists want to remind the public that all storm drains in the city run to the river, not just the ones on campus.

KXAN, Texas State University, The San Marcos River Foundation, and other local organizations and residents have also shared the anti-confetti PSA, story and TV broadcast via social media.

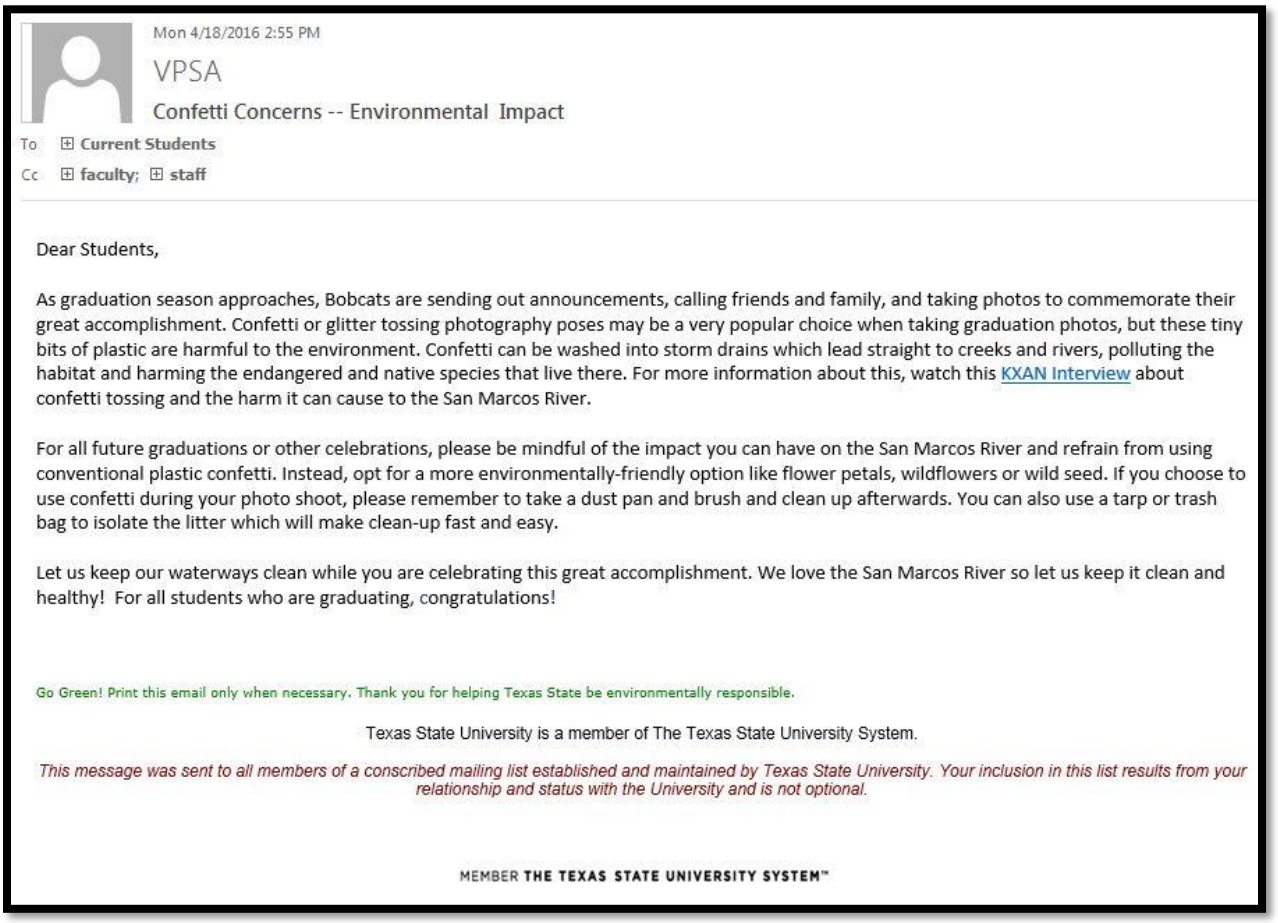






Campus-Wide Email

Texas State University sent an email from the office of the Vice President of Student Affairs to explain the harm plastic confetti can have on wildlife, with a link to the KXAN interview, as well as promoting alternate methods for photoshoots to create a similar effect, such as using wildflowers or flower petals.



Mon 4/18/2016 2:55 PM

VPSA

Confetti Concerns -- Environmental Impact

To ⊞ Current Students

Cc ⊞ faculty; ⊞ staff

Dear Students,

As graduation season approaches, Bobcats are sending out announcements, calling friends and family, and taking photos to commemorate their great accomplishment. Confetti or glitter tossing photography poses may be a very popular choice when taking graduation photos, but these tiny bits of plastic are harmful to the environment. Confetti can be washed into storm drains which lead straight to creeks and rivers, polluting the habitat and harming the endangered and native species that live there. For more information about this, watch this KXAN Interview about confetti tossing and the harm it can cause to the San Marcos River.

For all future graduations or other celebrations, please be mindful of the impact you can have on the San Marcos River and refrain from using conventional plastic confetti. Instead, opt for a more environmentally-friendly option like flower petals, wildflowers or wild seed. If you choose to use confetti during your photo shoot, please remember to take a dust pan and brush and clean up afterwards. You can also use a tarp or trash bag to isolate the litter which will make clean-up fast and easy.

Let us keep our waterways clean while you are celebrating this great accomplishment. We love the San Marcos River so let us keep it clean and healthy! For all students who are graduating, congratulations!

Go Green! Print this email only when necessary. Thank you for helping Texas State be environmentally responsible.

Texas State University is a member of The Texas State University System.

This message was sent to all members of a conscribed mailing list established and maintained by Texas State University. Your inclusion in this list results from your relationship and status with the University and is not optional.

MEMBER THE TEXAS STATE UNIVERSITY SYSTEM™

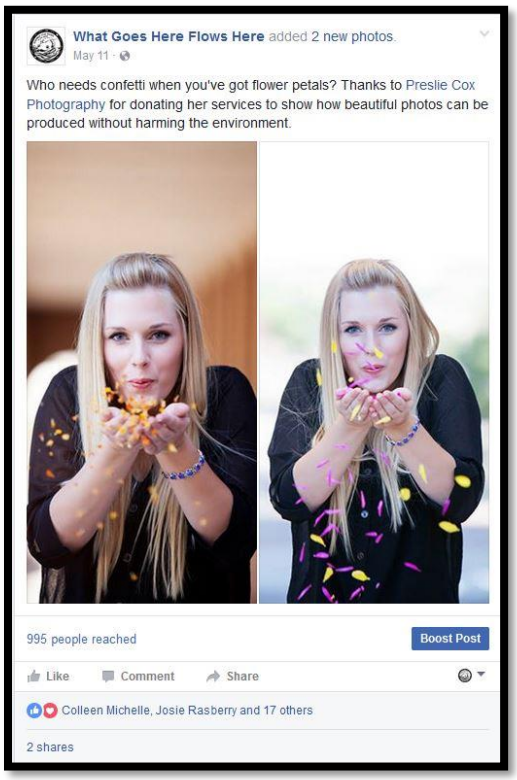
The email was sent to all current students, staff and faculty totaling approximately 40,658 recipients. The email is designed to provide a stormwater awareness message for the campus community that storm drains lead to our local waterways and that your actions can impact wildlife and the health of the river.

The email will be sent out twice per year to discourage this practice. In Year 4, additional measures will be taken to discourage this practice including signage around the problem areas, possible fines or penalties for littering, and a broader social media campaign from the Office of University Marketing's social media department. Texas State social media has a total of approximately 236,700 followers between Facebook, Twitter and Instagram, which makes it an extremely impactful resource for disseminating information.

Facebook Post

The What Goes Here Flows Here program partnered with local photographer and Texas State student Preslie Cox to provide students with an alternate method of photography that would produce a similar, if not better, result. Below are examples of photography using flower petals and wildflowers, as opposed to plastic confetti.

This method was promoted on the What Goes Here Flows Here Facebook page.



Sally the Salamander River Buoys

In 2013, Texas State University and the City of San Marcos hosted the Storm Drain Manhole Cover Art Contest as a way to educate the public that storm drains lead to the river. The contest winner was a combined piece of art from two different submissions by local artists and Texas State students, Andrea Weissenbuehler and Mabel (Lopez) Sirup. The art (below) preserved the notion that the protecting the river is important for many reasons, one of which being that it is home to several threatened and endangered species, including the San Marcos Salamander, the main focus of the artwork.

The animated version of the San Marcos Salamander (officially dubbed “Sally the Salamander”) has been the mascot for both Stormwater Management Programs and has been widely accepted as a friendly face of the river.

In Year 3, one of the original artists, Andrea Weissenbuehler, worked with the Edwards Aquifer Habitat Conservation Plan (EAHCP) to provide better outreach methods to river tubers and swimmers, specifically tourists, who many not understand the importance of protecting the wildlife in the San Marcos River. Sally the Salamander made her official debut on the San Marcos River in June 2016 as a friendly face with an important message: protect the San Marcos River. She can be seen on colorful buoys along various portions of the upper San Marcos River asking tubers not to litter or remove rocks from the riverbed, as well as on permanent signage encouraging patrons to go around the protected Texas Wild Rice. The buoys have been removed for the winter, but will be reinstalled again in the warmer months.


LOVE
THE CRITTERS
DON'T LITTER


GO AROUND
PROTECTED
TEXAS WILD RICE
HABITAT
CONSERVATION
PLAN

Provide basic stormwater pollution prevention awareness input into new employee and new student orientation.

Staff Training

General stormwater awareness training is still provided to new staff in New Employee Welcome (formerly New Employee Orientation II). In Year 4, this training will be revamped, as the NEW program has changed and been upgraded. Staff are also training through the University's SAP online software system in Illicit Discharge, Detection and Elimination as well as Spill Prevention, Control and Countermeasures. Chartwells (food service contractor for the University) provides stormwater training materials for new employees upon hiring. Chartwells also hosts annual orientation training where all associates view a stormwater awareness video pertaining to food service. Residence Hall Directors were provided training on stormwater awareness and the importance of proper aquarium fish disposal. **Table 3-1** shows a summary of the number of staff trained through these methods in Year 3.

Student Training

Freshmen students receive stormwater awareness training through the University Seminar 1100 course, which includes a boat tour at The Meadows Center (formerly Aquarena Springs) and a walking tour of how stormwater runoff can collect pollutants on its way to the San Marcos River. General stormwater awareness education is incorporated into the boat tour of Spring Lake. In Year 4, this training method will be revamped, as University Seminar 1100 has been updated since the origination of this permit. **Table 3-2** shows a summary of the number of students trained in Year 3.

Include pollution prevention and MS4 permit awareness messages in regularly published media such as newsletters, campus wide e-mails, web postings and electronic marquees.

Student Involvement Volunteer Newsletter

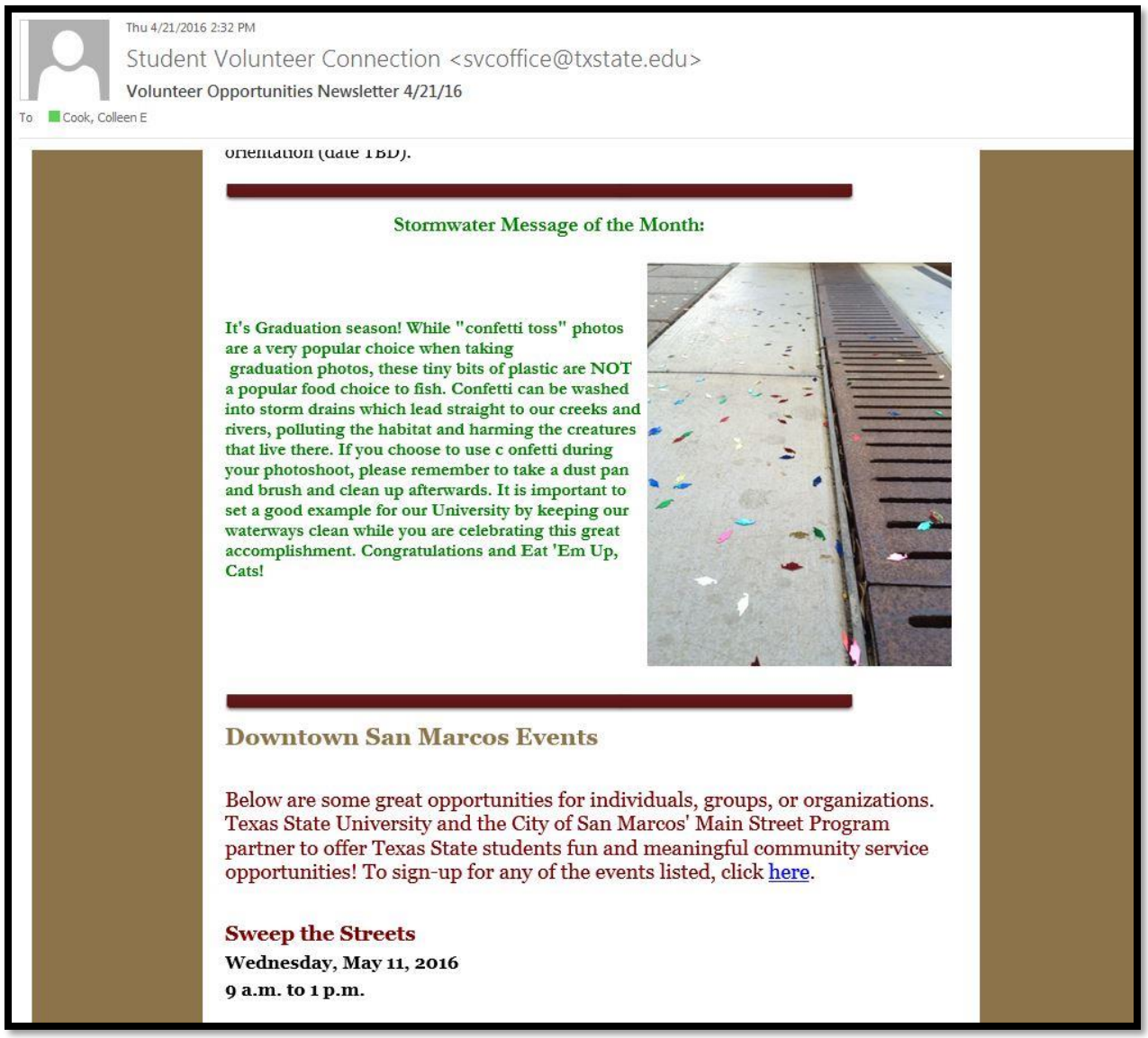
Student Involvement at LBJSC, a campus department whose main focus is encouraging student volunteerism, sends their Volunteer Newsletter to approximately 2400 students, staff and faculty 2-4 times per month. During Year 3, Student Involvement sent out five stormwater awareness messages/photos that were opened by recipients approximately 19,140 times. Additionally, the newsletter helped to promote the Annual Great Texas River Clean Up. The stormwater awareness messages are typically thematic, and try to correlate with the month in

which they are sent. For instance, the stormwater message sent in the late Spring time encouraged graduating seniors not to use confetti during graduation photoshoots.

Table 1 provides a summary of the number of these messages. Below is the total number of opened emails and an example of one of their newsletters with an incorporated stormwater awareness message.

Number of Opened Emails in Year 3					
9/3/2015	596	1/14/2016	535	5/12/2016	446
9/10/2015	581	1/21/2016	558	7/7/2016	453
9/17/2015	567	1/28/2016	566	7/21/2016	411
9/24/2015	599	2/4/2016	524	8/4/2016	408
10/1/2015	591	2/11/2016	523	8/18/2016	403
10/8/2015	536	2/18/2016	552		
10/15/2015	573	2/25/2016	535		
10/22/2015	546	3/3/2016	488		
10/29/2015	570	3/10/2016	499		
11/5/2015	547	3/24/2016	542		
11/12/2015	544	3/31/2016	541		
11/19/2015	521	4/7/2016	512		
12/3/2015	518	4/14/2016	463		
12/10/2015	462	4/21/2016	472		
12/17/2015	469	4/28/2016	497		
1/7/2016	516	5/5/2016	476		

Example volunteer newsletter with stormwater message.



Thu 4/21/2016 2:32 PM

Student Volunteer Connection <svcoffice@txstate.edu>

Volunteer Opportunities Newsletter 4/21/16

To Cook, Colleen E

orientation (date TBD).

Stormwater Message of the Month:

It's Graduation season! While "confetti toss" photos are a very popular choice when taking graduation photos, these tiny bits of plastic are NOT a popular food choice to fish. Confetti can be washed into storm drains which lead straight to our creeks and rivers, polluting the habitat and harming the creatures that live there. If you choose to use c onfetti during your photoshoot, please remember to take a dust pan and brush and clean up afterwards. It is important to set a good example for our University by keeping our waterways clean while you are celebrating this great accomplishment. Congratulations and Eat 'Em Up, Cats!

Safety Coordinator Newsletter

The Safety Coordinator Newsletter is sent out monthly from the Environmental Health, Safety & Risk Management Office. Two staff employees per campus department are designated as Safety Coordinators and are given training opportunities annually, including a monthly newsletter with helpful safety tips that they are encouraged to pass on to their coworkers. The goal of the Safety Coordinator program is to provide information on responding to emergencies such as medical issues, weather events, or environmental issues. Information about upcoming volunteer events, post-event statistics, proper disposal of materials, and how to report illicit discharges was included in five Safety Coordinator Newsletters in Year 3. See below for an example newsletter.

TEXAS STATE
ENVIRONMENTAL HEALTH, SAFETY & RISK MANAGEMENT

Safety Update

Available online: www.fss.txstate.edu/ehsrm/programs/safety-coordinator/newsletter2

January 2016

EHSRM Spotlight

Katherine Beamer is the newest EHS Specialist. She joined the EHS&RM team on December 1st, 2015. She is very enthusiastic about overseeing the insurance aspect for the University which includes auto, liability, property (equipment, fine art, collectables, etc.) as well as special events held on or off campus. She will also assist with building appraisal insurance. In addition to her duties, she will assist with Lab Safety Inspections. Katherine earned her B.F.A. from the Department of Theatre and Dance in Performance and Production in December 2011. She has several licenses from the Texas Department of Insurance and worked at a local State Farm Insurance. Please join us in welcoming Katherine to Texas State.

Workers' Comp Update

So far this year there has been a total of 43 injures with 22 of them resulting in claims. Here is a breakdown of these injures.

- Contusions-13
- Strain-10
- Sprain-4
- Fall-6
- Puncture-1
- Laceration-1
- Other-8 (personal illness or foreign objects)

Recycle and Dispose of Light Bulbs

It is highly recommended to recycle fluorescent light bulbs, and other light bulbs that contain mercury once they are no longer able to be used. Recycling fluorescent bulbs prevents the release of mercury into the environment. When bulbs are thrown away, there is the potential of bulbs breaking in a dumpster, trash can or compactor, or when they end up in a landfill, and this can release mercury into the environment. Not only does recycling prevent the release of mercury, but other parts of the bulbs can be reused. The EHS&RM department has a light bulb recycling program in place where those workers who change out bulbs on campus can bring them to our collection facility to be properly packed, stored, and picked up for recycling. Since 2013, Texas State has recycled over 11,000 pounds of fluorescent bulbs and other high intensity discharge bulbs, such as metal halide. It is highly encouraged that you properly recycle any fluorescent light bulbs that are used at your home; light bulbs can be taken to R3 Recycling in San Marcos, which is located at 215 W. San Antonio St. For more information contact R3 Recycling: 512-213-1345 or- www.recycle@r3-recycling.com

Welcome Back!

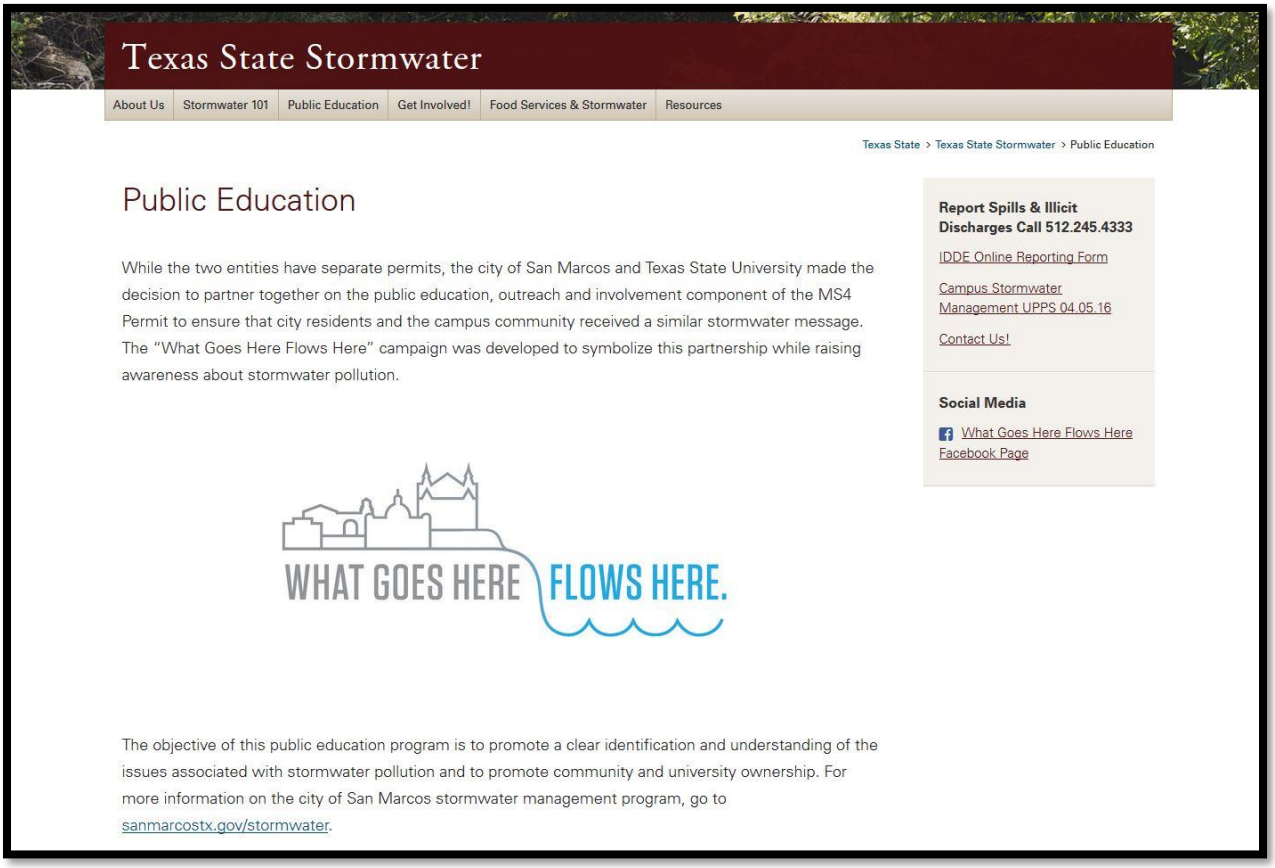
WHAT GOES HERE FLOWS HERE.

When it rains, anything that's on our streets, sidewalks, parking lots, or other paved surfaces will flow to the nearest storm drain and into our creeks and rivers. If you see suspicious discharges like paint, oil, or sewage flowing into our campus drainage ways, please call 245-IDDE(4333). Thank you for doing your part to help keep our waterways clean!

Expand the websites to include hotline numbers, Annual Reports and event dates and schedules.

The Texas State Stormwater Webpage is a fully functional website within the University's domain. The website currently has:

- A basic summary of the SWMP and its purpose
- Information on how to report a spill or illicit discharge (online and hotline number)
- Basic stormwater awareness education
- Links to videos
- Information about What Goes Here Flows Here and our partnership with the City of San Marcos
- Information about past events
- Link to our Facebook page
- Food service & stormwater information
- Resources (SWMP, subsequent programs within the SMWP, Annual Reports, Campus Stormwater UPPS, links to TCEQ documents, etc.)



TEXAS STATE

Search this site

Texas State Stormwater

About Us | Stormwater 101 | Public Education | Get Involved! | Food Services & Stormwater | Resources

Texas State > Texas State Stormwater > About Us

About Us

The Texas State University Stormwater Management Program, or SWMP, has been implemented as part of the Municipal Separate Storm Sewer System (MS4) Permit. The program is a campus-wide initiative that strives to improve the quality of water that is discharged to our waterways. The five Minimum Control Measures (MCMs) of the program are as follows:

- MCM-1: Public Education, Outreach and Involvement
- MCM-2: Illicit Discharge, Detection and Elimination
- MCM-3: Construction Site Stormwater Runoff Control
- MCM-4: Post-Construction Stormwater Management in New Development and Redevelopment
- MCM-5: Pollution Prevention/Good Housekeeping for Municipal Operations

The SWMP is managed by the Environmental Health, Safety & Risk Management office, and the storm sewer system is maintained by the Utilities Operations department. For a list of other departments involved or questions, contact 512.245.3616.

REPORT A SPILL

Report Spills & Illicit Discharges Call 512.245.4333

IDDE Online Reporting Form

Campus Stormwater Management UPPS 04.05.16

Contact Us!

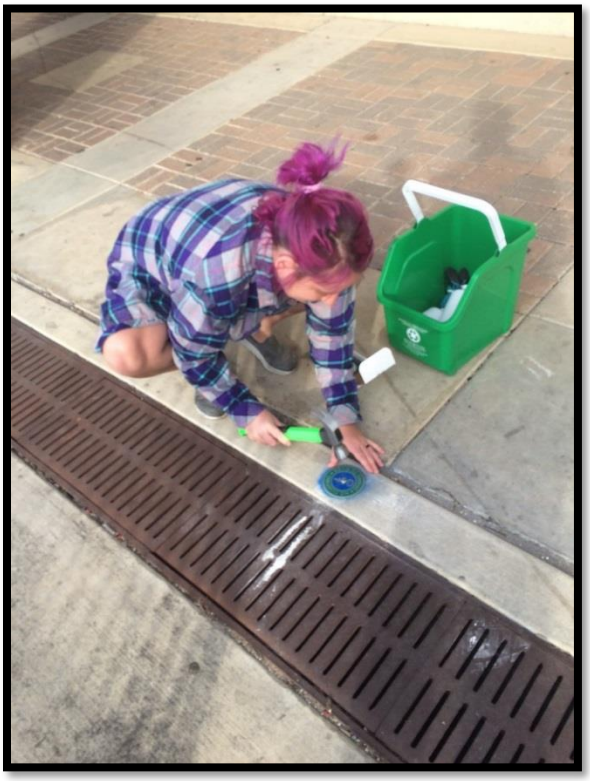
Social Media

What Goes Here Flows Here Facebook Page

Install inlet markers on at least 10 curb inlets annually.

In Year 3, 98 curb inlet markers were installed on curb inlets and area drains throughout campus. These markers were installed through the Bobcat Build event and Bobcat Break Takes San Marcos.

Bobcat Break Takes San Marcos is a local volunteer initiative for students to participate in over Spring Break. Four students installed 49 curb inlet markers and were given a stormwater awareness presentation prior to the event.

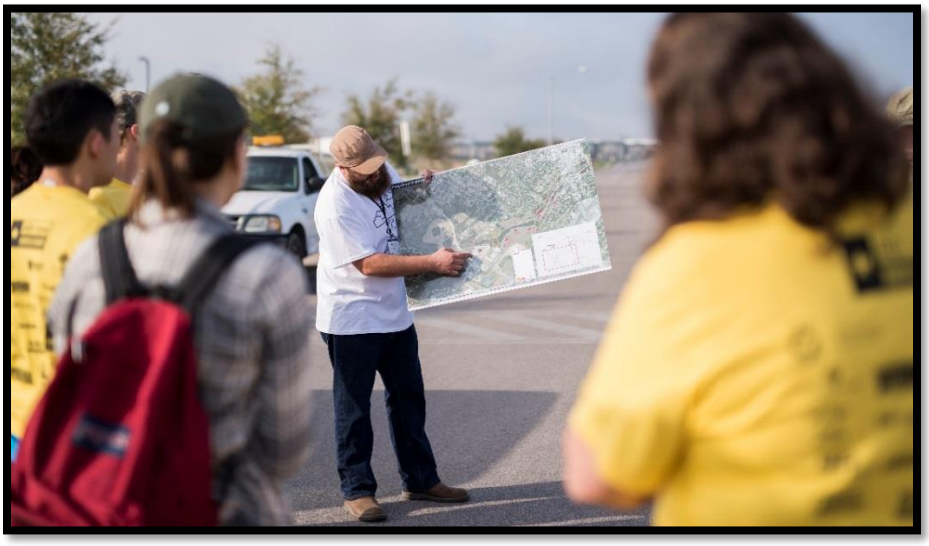


Texas State University and the What Goes Here Flows Here Program were involved in several stormwater-related public participation events during Year 3. The Annual Great Texas River Clean Up, Bobcat Build, Keep San Marcos Beautiful Hot Spot and Adopt-a-Spots were some of the main projects. **Table 1 and Table 2** show the quantitative data associated with each of the events.

Participate in at least one San Marcos River cleanup each year.

31st Annual Great Texas River Clean Up, March 2016

The 31st Annual Great Texas River Cleanup brought out over 700 volunteers including event leaders, watershed leaders, and crew leaders, as well as city officials, residents, and Texas State University students. The cleanup was divided into six watersheds: Willow Creek, Sink Creek, Sessom Creek, Purgatory Creek, Cottonwood Creek, and the San Marcos River Corridor. This method was chosen as a broader approach to litter pickup and as an educational tool to show volunteers on how the different creeks ultimately feed into the San Marcos River. This helped raise awareness about stormwater pollution and inform volunteers that whatever pollutants are on the ground will eventually flow to the nearest waterway - the San Marcos River. Volunteers worked from 9am – 12pm and collected 17,080 pounds of trash, 7,530 pounds of recyclable materials, and 77 tires. Approximately 42 groups of about twenty volunteers were led by a crew leader who was educated on stormwater awareness prior to the cleanup and instructed to spread the message along to their volunteers. The volunteers were provided a t-shirt with their respective watershed color and a What Goes Here Flows Here water bottle for their efforts. See below for photos.



Work with Bobcat Build volunteers once a year on stormwater cleanup, maintenance or other related projects.

Bobcat Build, April 2016

Bobcat Build is a campus-wide annual service event in which Texas State University students help the San Marcos community by saying “Thank You!” for supporting the students and

university. Students perform jobs for residents that range from yard work to house painting to a neighborhood cleanup. In Year 3, 13 volunteers from the Texas State Medical Brigades worked for one hour and installed storm drain markers on 49 curb inlets and area drains around campus. The volunteers were given a stormwater awareness message prior to the event were given a What Goes Here Flows Here water bottle for their efforts. See below for photos.

Continue with Texas State volunteer groups for Keep San Marcos Beautiful (KSMB) Adopt-a-Spot projects (ongoing).

Hot Spot Clean Ups, ongoing throughout Year 3

In Year 3, the City of San Marcos Keep San Marcos Beautiful program had 122 volunteers participate in nine monthly Hot Spot cleanups. These cleanups are identified based on need and are targeted as litter problem areas that need extra attention. Some of these areas are also focused on during the Annual Great Texas River Clean Up. Many Texas State groups as well as residential groups volunteer with this program. During Year 3, 23 hours were logged picking up 145 bags of trash, 29 bags of recyclables and 2 bags of Styrofoam. See below for photos.

Adopt-a-Spots, ongoing throughout Year 3

The Texas State Environmental Conservation Organization (ECO) provides volunteers multiple times per year to clean out an area on campus that receives a large amount of litter and bulky waste. ECO uses this as an Adopt-a-Spot and has logged 16 total volunteer hours, picking up 13 bags of trash, 2 bags of recyclables and various amounts of bulky waste. The volunteers were provided a stormwater awareness message prior to the cleanup and were given a What Goes Here Flows Here promotional item. See below for photos.

MCM-2 Illicit Discharge Detection and Elimination

Continue to record the volume of hazardous waste and recyclable materials picked up and report to management annually.

The University has an active hazardous and industrial waste program, universal waste collection program (fluorescent bulbs, paint, mercury thermometers), used oil recycling program, and battery, ink jet and cell phone recycling program for the campus labs, shops, classrooms and administrative offices. The collection, proper disposal and recycling of these materials potentially reduces the chances dumping or discharging to the environment and exposure to stormwater runoff. **Table 4** is a summary of the weights of these materials managed at the University for Year 3.

Implement training with workshops for the Shops, Grounds Operations, Garage, Auxiliary Services, DHRL, FPDC, and Utility Operations followed by annual refresher training.

Illicit Discharge, Detection and Elimination (IDDE) training was established in Year 2 and is now a recognized training program at the University. Staff are trained through the University's online SAP software system using a short informative video about how to spot illicit discharges and how to report them. This program allows for automated reminders when training is required, automated tracking of training, and records retention. The program is also used by Human Resources to track time and process hiring paperwork, so the records in the database are updated constantly. Automated processes such as this are extremely beneficial to a large University, which has a constant influx and outflow of students, staff and faculty. **Table 3-1** shows the number of employees trained in IDDE throughout the Year 3.

MCM-3 Construction Site Stormwater Runoff Control

Continue with the process of reviewing erosion control plans, SWPPP drawings and post construction BMP selection on site plans for new construction and redevelopment.

The University has an existing program in place to review stormwater runoff control drawings and plans for all new construction and redevelopment projects that will include outside disturbance of soil. The goal for this BMP was to review a minimum of 75% of the projects initiated on campus meeting the outdoor work criteria. In Year 3, 97% of all plans were reviewed, exceeding the goal set in the SWMP. The plan review table is shown as **Table 5**.

Continue with existing program of weekly SWPPP site inspections and reporting for one acre and larger sites.

The University has an active site inspection program for new construction that includes an initial startup inspection to ensure all notices are posted and submitted to the appropriate MS4 Operators, the SWPPP plan has been reviewed and certified and the erosion controls have been installed properly. This is approved jointly by the EHSRM and FPDC project managers prior to construction. During construction these two offices complete routine site inspections and complete inspection forms for documentation in compliance with the TPDES General Construction Permit (GCP) TXR150000. These continue until final stabilization of the site occurs as documented by the final site inspection, and the GCP is terminated by sending a copy of the Construction Site Notice to the MS4 operator. This process is applicable to only those sites that are one acre in size or larger. A summary of the initial, final and routine site inspections performed during Year 3 is shown in **Table 6**. Five active construction sites (greater than one acre) were ongoing in Year 3 of the permit and three were completed prior to this year-end reporting period. A total of 131 SWPPP inspections were completed in Year 3.

Continue attending conferences and training to increase skills and knowledge for construction inspectors.

Continuing education is an integral part of the University's mission of students, faculty and staff. It is recognized as important for maintaining licenses and specialty certifications, broadening the knowledge base of the stormwater team, allowing opportunities for idea sharing and collaboration with peers and coworkers and keeping the university staff familiar with new and emerging technologies and treatment methods. **Table 7** provides a summary of the training attended by the responsible departments during Year 3 of the permit cycle.

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

Continue compiling information on the location and kinds of structural BMPs on campus. Prepare a maintenance schedule for the BMPs. Update the table and map as new BMPs are discovered or removed.

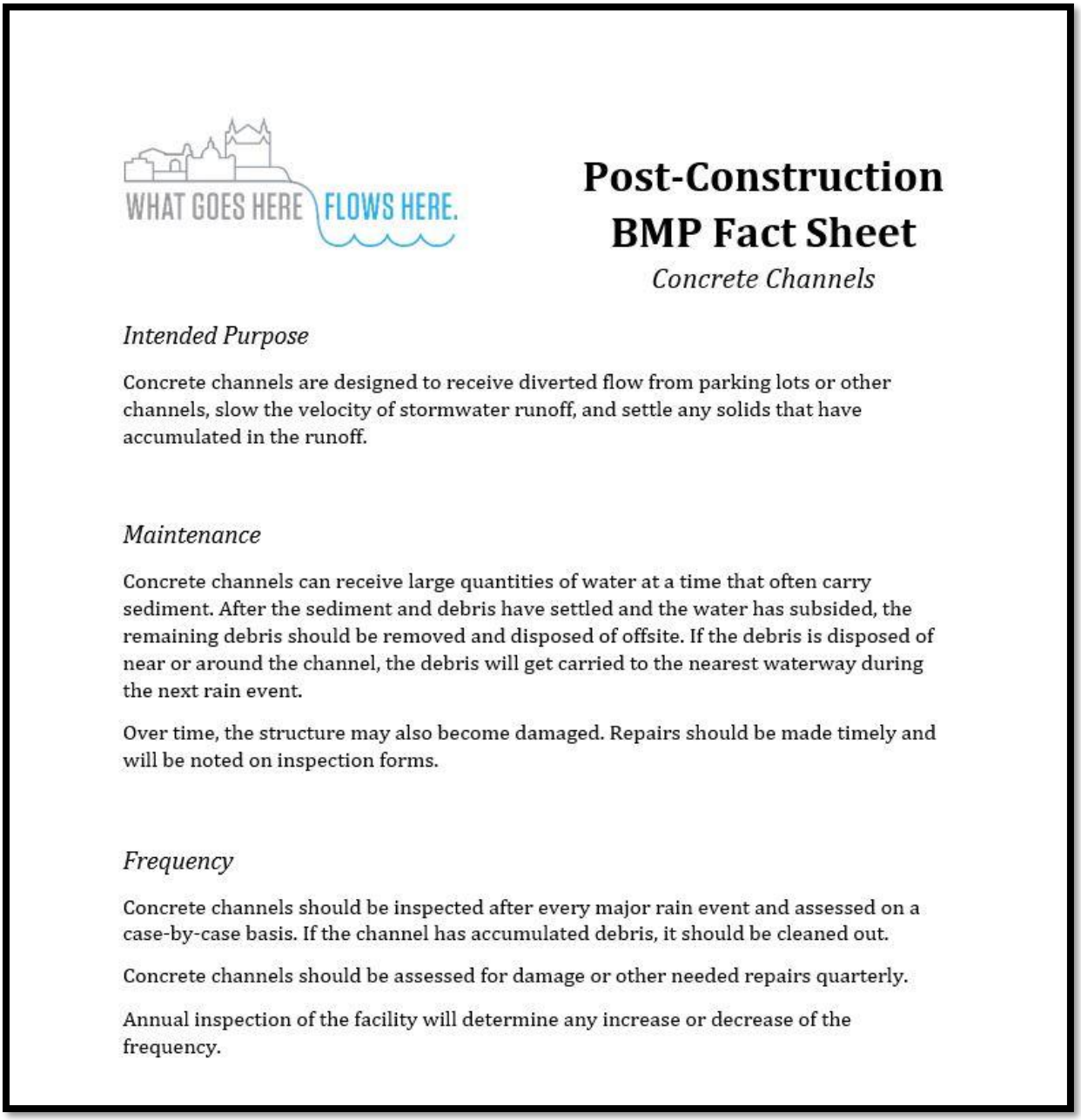
Structural and non-structural BMPs have been included in new construction design for many years. An inventory of the existing BMPs was compiled as part of the SWMP preparation process. During Year 3, the list was modified based on newly installed or removed BMPs. Additionally, the BMP Maintenance Manual that was created in Year 2 was updated with those changes. The BMP inventory list and BMP Maintenance Manual are too large to include in this report, but they are readily available at the EHSRM office. This list will continue to be updated as new construction impacts them either by removal, replacement or as additional BMPs are added.

Perform O&M on structural BMPs according to the maintenance schedule.

Structural BMPs received maintenance as either existing initiatives or new work order requests during Year 3. Tracking of BMP maintenance was kept in the Facilities work order management (AiM) program so progress and weights can be tracked and recorded easily. **Table 8** shows the amount of material removed from maintenance of these units in Year 3.

Develop BMP fact sheets and use to train applicable employees to perform inspections. Document training.

Fact sheets for each different type of unit were created in Year 3 as part of this measureable goal. The fact sheets outline the intended purpose of the unit, required maintenance of the unit, and the frequency of maintenance and inspections. These fact sheets will be used for training, in addition to webinars and other means currently used to train employees.



WHAT GOES HERE FLOWS HERE.

Post-Construction BMP Fact Sheet

Concrete Channels

Intended Purpose

Concrete channels are designed to receive diverted flow from parking lots or other channels, slow the velocity of stormwater runoff, and settle any solids that have accumulated in the runoff.

Maintenance

Concrete channels can receive large quantities of water at a time that often carry sediment. After the sediment and debris have settled and the water has subsided, the remaining debris should be removed and disposed of offsite. If the debris is disposed of near or around the channel, the debris will get carried to the nearest waterway during the next rain event.

Over time, the structure may also become damaged. Repairs should be made timely and will be noted on inspection forms.

Frequency

Concrete channels should be inspected after every major rain event and assessed on a case-by-case basis. If the channel has accumulated debris, it should be cleaned out.

Concrete channels should be assessed for damage or other needed repairs quarterly.

Annual inspection of the facility will determine any increase or decrease of the frequency.

MCM-5 Pollution Prevention/Good Housekeeping for Municipal Operations

Continue SPCC training program for all personnel working with oil and petroleum products.

Spill Prevention, Control and Countermeasures (SPCC) training has been ongoing for several years and is a recognized training program at the University. Staff are trained through the University's online SAP software system using a PowerPoint to explain how to prevent spills and the steps for cleaning and containing them. This program allows for automated reminders when training is required, automated tracking of training, and records retention. The program is also used by Human Resources to track time and process hiring paperwork, so the records in the database are updated constantly. Automated processes such as this are extremely beneficial to a large University, which has a constant influx and outflow of students, staff and faculty. **Table 3-1** shows the number of employees trained in SPCC throughout the Year 3.

Continue with grit trap and oil/water separator cleanout annually at the Facilities garage. Obtain or renew contract for these services.

This activity was covered in **Table 8**.

Continue with licensed applicator required training and records retention. Maintain records electronically.

This activity was covered in **Table 7**.

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos, Texas

Name of Event	Date	Description of Event	Method Used for Stormwater Awareness	Quantity Distributed
#challengeSMTX	11/7/2014 - Present	Anti-litter campaign to encourage people to pick up and recycle or throw away one piece of trash a day. Public Service Announcement Posted to increase awareness about the campaign. The number reflects how many times the video was viewed since its origination. The the number in parenthesis reflects the number of views in Year 3.	Video (+55)	276
Adopt-a-Spot	9/26/2015	Litter and debris removal on campus.	Various promotional items with WGHFH logo	5
Support Staff Resources Fair	10/21/2015	Employee fair for Texas State staff. Education and outreach on stormwater using prize wheel quiz. Participants had to answer a stormwater-related question in order to receive a free promotional item.	Various promotional items with WGHFH logo, stormwater handouts	100

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos, Texas

City of San Marcos Employee Expo	10/29/2015	Employee fair for City of San Marcos staff. Education and outreach on stormwater using prize wheel quiz. Participants had to answer a stormwater-related question in order to receive a free promotional item.	Promotional items with logo, stormwater handouts	100
Stormwater News PSA	10/29/2015	Stormwater News PSA, produced in the style of a news broadcast, was designed to educate the public about stormwater pollution and how it impacts you. The number reflects how many times the video was viewed.	Video	180
Adopt-a-Spot	11/20/2015	Litter and debris removal on campus.	Promotional items with logo	3
Safety Update Newsletter	12/1/2015	Promotion of Illicit Discharge, Detection and Elimination Hotline number (512-245-IDDE). Number reflects how many people receive the newsletter.	Electronic newsletter	297

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos, Texas

FSS Quarterly Newsletter	12/1/2015	Promotion of Illicit Discharge, Detection and Elimination Hotline number (512-245-IDDE). Number reflects how many people receive the newsletter.	Electronic newsletter	497
Safety Update Newsletter	1/1/2016	Promotion of Illicit Discharge, Detection and Elimination Hotline number (512-245-IDDE). Number reflects how many people receive the newsletter.	Electronic newsletter	297
Facebook Page	1/20/2016	What Goes Here Flows Here Facebook page developed to reach a broader audience. The purpose of this page is to relay educational messages, post information about volunteer events, and promote the concept of what goes on the ground flows into the San Marcos River. The number reflects how many "likes" the page has recieved to date.	Likes	142

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos, Texas

IDDE Keytag Distribution	1/25/2016	Keytags with the IDDE hotline number were distributed to employees required to complete the annual Illicit Discharge, Detection and Elimination training. The keytag provides information for employees on who to report illicit discharges to. The number reflects how many employees have received the keytags.	Keytags	54
Safety Update Newsletter	2/1/2016	Promote Annual Great Texas River Clean Up to increase participation. Number reflects how many people receive the newsletter.	Electronic newsletter	297
Annual Great Texas River Clean Up - Email	2/16/2016	Promote Annual Great Texas River Clean Up volunteerism to sudents, staff, and faculty. The number reflects how many received the email.	Email	40,658

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos, Texas

Arbor Day Celebration	2/19/2016	Promote awareness of trees on campus and promote tree planting. The number reflects how many items were given away.	Poster board, handouts about stormwater and porous pavers, promotional items	10
WGHFH Facebook Post - Great Texas River Clean Up	2/26/2016	Facebook post promoting the Annual Great Texas River Clean Up and increase volunteerism. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	15
Safety Update Newsletter	3/1/2016	Promote Annual Great Texas River Clean Up to increase participation. Number reflects how many people receive the newsletter.	Electronic newsletter	297
Annual Great Texas River Clean Up	3/5/2016	Annual cleanup of litter from creeks, drainage channels and river. Volunteers received a What Goes Here Flows Here water bottle. The number reflects how many items were given away.	WGHFH water bottle	400

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos, Texas

Annual Great Texas River Clean Up	3/5/2016	Annual cleanup of litter from creeks, drainage channels and river. Volunteers received t-shirts with a watershed and litter prevention message on them. The number reflects how many shirts were given away.	T-shirt	700
WGHFH Facebook Post - Stormwater News PSA	3/9/2016	Facebook post promoting the Stormwater News PSA video. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	6
Bobcat Break Takes San Marcos	3/16/2016	Student volunteers from Texas State installed curb inlet markers throughout campus to spread the message that storm drains lead to waterways in an effort to discourage dumping of illegal items down storm drains. The number reflects how many promotional items were distributed.	WGHFH water bottle	4

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos, Texas

WGHFH Facebook Post - Bobcat Break Takes San Marcos	3/16/2016	Facebook post promoting Bobcat Break program and "thank you" to the volunteers. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	3
Annual Great Texas River Clean Up - Facebook Page	1/7/2015 - Present	Facebook page dedicated to Annual Great Texas River Clean Up. Goal was to boost interest, increase participation, and spread information about the event. The number reflects how many total "likes" the page has received to date; the number in parenthesis reflects the number of likes in Year 3.	Social Media (+135)	587
WGHFH Facebook Post - Confetti toss photos	3/22/2016	Facebook post on the dangers of using confetti for photoshoots. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	160

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos, Texas

Safety Update Newsletter	4/1/2016	Provide final clean-up stats on Annual Great Texas River Clean Up. Number reflects how many people receive the newsletter.	Electronic newsletter	297
Bobcat Build	4/2/2016	Student volunteers from Texas State (Medical Brigade Organization) installed curb inlet markers throughout campus to spread the message that storm drains lead to waterways in an effort to discourage dumping of illegal items down storm drains. The number reflects how many promotional items were distributed.	WGHFH water bottle	13
WGHFH Facebook Post - Bobcat Build	4/5/2016	Facebook post promoting Bobcat Build program and "thank you" to the volunteers. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	5

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos, Texas

Pet Waste Awareness Campaign	4/7/2016	Provided posters with information on proper disposal of aquarium fish. Each residence hall on campus received one poster per floor. The number reflects how many total posters were provided.	Poster	200
Pet Waste Awareness Campaign	4/7/2016	Provided information for students living in residence halls on proper disposal of aquarium fish. Each student received a move out checklist and this information was added to that checklist. The number reflects how mant total students received the message.	Verbiage on move out checklist	6000
WGHFH Facebook Post - Confetti Concerns KXAN News Story	4/8/2016	Facebook post promoting KXAN news story about confetti concerns on campus. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	11

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos, Texas

KXAN News Story - Confetti Concerns	4/8/2016	KXAN News aired the "Confetti Concerns" story on the 5:00pm news. The number reflects an estimation of how many households viewed the story, based on May 2016 Nielsen ratings.	News broadcast	43245
KXAN News Facebook Post - Confetti Concerns Story	4/8/2016	Facebook post courtesy of KXAN News promoting the story about confetti concerns on campus. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	109
WGHFH Facebook Post - Confetti Alternatives	4/11/2016	Facebook post promoting use of alternative methods for photoshoot besides confetti. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	21

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos, Texas

WGHFH Facebook Post - Pet Waste Awareness	4/12/2016	Facebook post promoting alternate methods of aquarium fish disposal instead of releasing fish to the San Marcos River. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	4
Confetti Concerns Campus-Wide Email	4/18/2016	Educate sudents, staff, and faculty on the environmental impact confetti can have on wildlife if not picked up after use. The number reflects how many received the email.	Email	40,658
WGHFH Facebook Post - Confetti University Star Article	4/22/2016	Facebook post promoting University Star article about the dangers of using confetti during photoshoots. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	3

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos, Texas

HEATstock (Earth Day Celebration)	4/28/2016	Earth Day celebration to encourage students to be mindful of their impact they have on the Earth. The number reflects how many educational items were distributed.	Various promotional items, educational handouts	20
Concert in the Park	4/28/2016	General education and outreach for What Flows Here Goes Here Campaign. The number reflects how many educational items were distributed.	Various promotional items with WGHFH logo, educational handouts	10
Texas State Aquatic Science Adventure Camp	5/17/2016	Provided reusable mesh trash bags with educational message to Aquatic Science Adventure Camp for litter pickups during river recreation. Number reflects how many bags were given to the program coordinator.	Reusable mesh trash bags	50

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos, Texas

Texas State Outdoor Center	5/17/2016	Provided reusable mesh trash bags with educational message to Texas State Outdoor Center for litter pickups during river recreation. Number reflects how many bags were given to the program coordinator.	Reusable mesh trash bags	500
WGHFH Facebook Post - Reusable Mesh Trash Bag	6/2/2016	Faceook post promoting the use of reusable mesh trash bags during recreation on the San Marcos River. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	16
WGHFH Facebook Post - Texas State Aquatic Science Adventure Camp	6/23/2016	Faceook post promoting the Texas State Aquatic Science Adventure Camp using reusable mesh trash bags for litter pickup along the San Marcos River. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	15

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos, Texas

WGHFH Facebook Post - Sally the Salamander on Buoys	7/1/2016	Faceook post promoting the Sally the Salamander buoys encouraging patrons not to litter while tubing the San Marcos River and informing them about the threatened and endangered aquatic life. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	124
Safety Update Newsletter	7/1/2016	Provide proper good housekeeping tips for dumpster management. Number reflects how many people receive the newsletter.	Electronic newsletter	297
Texas State Cable Channel	7/9/2015 - Present	What Goes Here Flows Here campaign publicized on scrolling informational TXST Cable TV Channel. The channel is available on campus, in San Marcos & the surrounding areas. The informational slide scrolls once every fifteen minutes, so it is shown approximately 100 times over a 24 hour period. The number reflects the estimate of how many times the message was broadcast during Year 3.	Electronic Media	5300

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos, Texas

WGHFH Facebook Post - Pokemon Go	7/15/2016	Faceook post promoting litter pickup using the popular cell phone app "Pokemon Go." The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	28
Texas State Aquatic Science Adventure Camp	7/18/2016 and 7/21/2016	Partnered with the Edwards Aquifer Habitat Conservation Plan to educate kids age 8-14 about stormwater awareness, watershed functionality and endangered species that live in the San Marcos River. The number reflects how many promotional items were distributed.	Various promotional items with WGHFH logo, educational handouts	36
Texas State Outdoor Recreation Facebook Post - Mesh River Trash Bag Trash Pickup	7/26/2016	Faceook post promoting the use of mesh river trash bags for litter pickup by giving away a free kayak rental for every full bag of trash you collect. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	1451

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos, Texas

New Employee Orientation (NEOII)	9/1/2015 - 8/31/2016	Attendees received stormwater educational handout with general stormwater awareness presentation at New Employee Orientation. The number reflects the number of employees who received the handout.	Handout	221
University Seminar 1100	9/1/2015 - 8/31/2016	Students received stormwater educational walking tour before Meadows Center Glassbottom Boat Tour. The number reflects the number of students who received this information.	Walking tour guide	4722
Pet Waste Awareness for Adopted Pets	9/1/2015 - 8/31/2016	The San Marcos Regional Animal Shelter received "Avoid Poo-lution" handouts and pet waste bag dispensers to distribute to new pet owners to encourage them to pick up after their pet. The number reflects approximately how many handouts and bag dispensers were distributed over Year 3.	Handout and pet waste bag dispenser	200

Table 1

Summary of Public Education and Outreach Events

Year 3

September 1, 2015 - August 31, 2016

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Texas State University -San Marcos, Texas

Volunteer Newsletter	9/1/2015 - 9/30/2015	Educate students and faculty who are members of volunteer newsletter email list about stormwater awareness. A new tip is updated monthly or every other month. The number reflects number of emails opened that month.	Electronic Newsletter	2343
	10/1/2015 - 10/31/2015			2816
	11/1/2015 - 11/30/2015			1612
	12/1/2015 - 12/31/2015			1449
	1/1/2016 - 1/31/2016			2175
	2/1/2016 - 2/28/2016			2134
	3/1/2016 - 3/31/2016			2070
	4/1/2016 - 4/30/2016			1944
	5/1/2016 - 6/31/2016			922
	6/1/2016 - 6/30/2016			0
	7/1/2016 - 7/31/2016			864
	8/1/2016 - 8/31/2016			811
Total Promotion/Educational Materials				2626
Total Awareness Messages				165,338

Table 2

Summary of Public Participation Events

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos Texas

Name of Event	Date	Description of Event	Number of Participants	Quantity	Method Used for Stormwater Awareness
#challengeSMTX	11/7/2014 - Present	Anti-litter campaign to encourage people to pick up and recycle or throw away one piece of trash a day	82	82	PSA video, photos and videos posted by participants using #challengeSMTX hashtag on social media
Adopt-a-Spot	9/26/2015	Litter and debris removal on campus	7	10 total volunteer hours (7 volunteers x 2 hours). Picked up 5 bags of trash, 2 bags of recycle, various bulky waste.	Stormwater awareness training and promotional items.
Adopt-a-Spot	11/20/2015	Litter and debris removal on campus	3	6 total volunteer hours (3 volunteers x 2 hours). Picked up 7 bags of trash, various bulky waste.	Stormwater awareness training and promotional items.

Table 2

Summary of Public Participation Events

Year 3

September 1, 2015 - August 31, 2016

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Texas State University -San Marcos Texas

Annual Great Texas River Clean Up	3/5/2016	Annual cleanup of litter from creeks, drainage channels and river	700	4 hours X 700 participants = 2800 volunteer hours. Picked up 17,080 pounds of trash and 7,350 pounds of recyclables. 77 tires.	58 leaders were trained in stormwater awareness and provided this training to their crews prior to the cleanup.
Bobcat Break Takes San Marcos	3/16/2016	Curb inlet marker installation on campus to spread the message that storm drains lead to waterways.	4	Installed 49 markers on area drains and curb inlets. 4 total volunteer hours (1 hour event x 4 volunteers)	Stormwater awareness training prior to installation
Bobcat Build	4/2/2016	Curb inlet marker installation on campus to spread the message that storm drains lead to waterways.	13	Installed 49 markers on area drains and curb inlets. 13 total volunteer hours (1 hour event x 13 volunteers)	Stormwater awareness training prior to installation

Table 2

Summary of Public Participation Events

Year 3

September 1, 2015 - August 31, 2016

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Texas State University -San Marcos Texas

Texas State Aquatic Science Adventure Camp	6/15/2016 - 7/13/2016	During four weekly camp sessions, kids age 8-14 used the What Goes Here Flows Here mesh river trash bags to remove trash in the San Marcos River and along the banks. The message of What Goes Here Flows here was presented to them using the bags and during the clean up. The number reflects a total of how many participated in the cleanups throughout four weeks.	92	92 bags of trash	The message of What Goes Here Flows here was displayed on the bags to encourage proper disposal of litter.
Hot Spot Cleanups	9/1/2015 - 8/31/2016	Nine Hot Spot Cleanups were organized throughout Year 3 in which citizens and Texas State student organizations volunteered to help beautify San Marcos.	122	23 volunteer hours, 145 bags of trash, 29 bags of recycles, 2 bags of styrafoam	Anti-litter message provided

Table 3-1
Summary of Staff Training
Year 3
September 1, 2015 - August 31, 2016
Phase II MS4 Annual Report
Texas State University -San Marcos Texas

Month	Training Type					
	General Awareness	**IDDE**	**GH/PP (a)**	**Food Service**	**SPCC (b)**	**NEOII**
Sept 2015 (c)	-	4	-	52	3	46
Oct-14	-	4	-	30	7	23
Nov-14	-	26	-	-	29	42
Dec-14	-	16	-	-	20	32
Jan-15	-	30	-	-	31	17
Feb-15	-	21	-	-	16	17
Mar-15	-	17	-	-	11	18
Apr-15	26	30	-	-	11	26
May-15	-	32	-	-	21	-
Jun-15	-	33	-	-	18	-
Jul-15	-	15	-	-	7	-
Aug 2015 (d)	-	15	-	119	10	-
TOTAL	**26**	**243**	**0**	**201**	**184**	**221**

Notes:
(a) GH/PP = Good Housekeeping/Pollution Prevention
(b) SPCC = Spill Prevention Control and Countermeasures
(c) beginning of the Texas State University fiscal year
(d) ending of the Texas State University fiscal year

Table 3-2
Summary of Training - Student
Year 3
September 1, 2015 - August 31, 2016
Phase II MS4 Annual Report
Texas State University -San Marcos Texas

Month	Training Type
	US1100 Walking Tour
Sept 2014 (c)	-
Oct-14	1480
Nov-14	1751
Dec-14	955
Jan-15	-
Feb-15	-
Mar-15	225
Apr-15	301
May-15	10
Jun-15	-
Jul-15	-
Aug 2015 (d)	-
TOTAL	**4722**

Table 4

Summary of Hazardous Waste and Recycle Volumes

Year 3

September 1, 2015 - August 31, 2016

Phase II MS4 Annual Report

Texas State University -San Marcos Texas

Month		Batteries			Hazardous	Fluorescent		Recyclable Materials			**Grease Trap**
		Alkaline	Lead Acid	Rechargables	Waste (d)	Bulbs	Used Oil	Mixed Stream (a)	Cardboard	Paper	**Pumping**
		(pounds)	(pounds)	(pounds)	(tons)	(pounds)	(gal)	(tons)	(tons)	(tons)	(gallons)
9/1/2015 (b)					see note			138.93	144.37	138.49	10200
Oct-15		420	460	0	see note	1018	0				5350
Nov-15		0		34	see note	0	0				4000
Dec-15		0	0	0	see note	0	0				2250
Jan-16		290	0	58	see note	495	0				100
Feb-16		405	444	85	see note	0	300				11250
Mar-16		0	0	37	see note	1056	20				5250
Apr-16		501	0	13	see note	0	0				1300
May-16		0	327	0	see note	0	0				10000
Jun-16		0	0	25	see note	1145	0				2250
Jul-16		0	0	0	see note	0	245				4600
8/31/2016 (c)		635	588	64	see note	0	0				6250
Year Three Totals		2251	1819	316	77	3714	565	138.93	144.37	138.49	**62800**

Notes:

(a) mixed stream is a combined weight of plastic, glass and aluminum

(b) beginning of the Texas State University fiscal year

(c) ending of the Texas State University fiscal year

(d) data for the hazardous waste generation was taken from the Excel summary table to support the Annual Report

Data for hazardous waste from Sept 2015 to August 2016 taken from the manifest table for the annual report.

Total for hazardous waste Year 3 was 77 tons

Table 5
Plan Review Summary
Year 3
September 1, 2015 - August 31, 2016
Phase II MS4 Annual Report
Texas State University -San Marcos Texas

Project Name	Phase	Project Manager	Origination Date	Due Date	Reviewer	Review Date	Comments
Sabinal Piping Extension	n/a	Ron Humphrey	9/10/2015	9/28/2015	Arceneaux	9/11/2015	n/a
Library Repository	100% SD	David Morris	10/5/2015	10/12/2015	Arceneaux	10/9/2015	Post Construction BMP: Detention Pond
Library Repository	100% DD	Frederick Maddox	1/5/2016	1/19/2016	Arceneaux	1/14/2015	
Library Repository	50% CD	Frederick Maddox	3/11/2016	3/28/2016	Arceneaux	3/28/2016	
Library Repository	100% CD	Frederick Maddox	5/9/2016	5/11/2016	Cantu/ Cockrell	5/11/2016	
Retama Hall	100% SD	Patsy Holtman	10/5/2015	10/15/2015	Arceneaux	10/15/2015	n/a
Retama Hall	100% DD	Patsy Holtman	1/19/2016	1/29/2016	Arceneaux	1/28/2016	n/a
Retama Hall	Bid Pkg #1	Patsy Holtman	4/5/2016	4/15/2016	Cantu/ Cockrell	4/15/2016	n/a
Retama Hall	95% CD	Patsy Holtman	4/5/2016	4/18/2016	Cantu	n/a	no review needed
Retama Hall	Bid Pkg #2	Patsy Holtman	5/5/2016	n/a	Cantu/ Cockrell	n/a	no review needed
Moore Street/Speck Garage Entry Road	60% CD	Tanner Craigen	11/4/2015	11/12/2015	Arceneaux	11/11/2015	n/a
Moore Street/Speck Garage Entry Road	100% (Phase 1)	Kenny Wattinger	1/5/2016	1/12/2016	Arceneaux	1/21/2016	n/a

Table 5
Plan Review Summary
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Moore Street/Speck Garage Entry Road	100% (Phase 1 Addendum)	Kenny Wattinger	2/8/2016	2/12/2016	Arceneaux	n/a	missed reivew
Moore Street/Speck Garage Entry Road	100% (Phase 2)	Kenny Wattinger	2/23/2016	3/1/2016	Arceneaux	2/29/2016	n/a
Moore Street/Speck Garage Entry Road	100% (Phase 3)	Kenny Wattinger	6/3/2016	6/9/2016	Cantu/ Cockrell	6/9/2016	n/a
Music Building/Colorado Building	n/a	Kenny Wattinger	10/23/2015	10/30/2015	Arceneaux	n/a	no review needed
Engineering and Science Building	100% SD	Scott Rouse	12/15/2015	1/8/2016	Arceneaux/Cantu	1/8/2016	Post Construction BMP - Permeable Pavers System
Engineering and Science Building	100% DD	Scott Rouse	4/27/2016	5/4/2016	Cantu/ Cockrell	5/4/2016	
Engineering and Science Building	50% CD (BP 1)	Scott Rouse	6/22/2016	6/27/2016	Cantu	6/27/2016	
Engineering and Science Building	100% CD (BP 1)	Scott Rouse	7/12/2016	7/13/2016	EHSRM	7/13/2016	
Engineering and Science Building	35% CD (BP 2)	Scott Rouse	7/21/2016	8/3/2016	EHSRM	7/28/2016	
Agriculture Building Room 225A	n/a	Missy Mears	1/5/2016	1/12/2016	n/a	n/a	no review needed
Agriculture Building Room 225A	100%	Missy Mears	2/19/2016	2/26/2016	n/a	n/a	
Mitte 5200 Suite	n/a	Stephen Marlow	1/15/2016	1/22/2016	n/a	n/a	no review needed

Table 5
Plan Review Summary
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Round Rock Health Professions Building	100% SD	Patsy Holtman	1/19/2016	1/29/2016	Arceneaux	1/28/2016	n/a
Round Rock Health Professions Building	100% DD	Patsy Holtman	5/24/2016	6/3/2016	Cantu/ Cockrell	6/3/2016	n/a
Round Rock Health Professions Building	50% CD	Patsy Holtman	7/18/2016	7/28/2016	EHSRM	7/21/2016	n/a
Round Rock Health Professions Building	Bid Pkg #1	Patsy Holtman	7/18/2016	7/28/2016	EHSRM	7/21/2016	n/a
KTSW Trinity Relocation Renovation	95% CD	Kristin Kibling	2/2/2016	2/14/2016	n/a	n/a	no review needed
JCK #815-#816 Renovation	n/a	Kristin Kibling	2/25/2016	3/11/2016	n/a	n/a	no review needed
Track and Field Excavation	n/a	Kenny Wattinger	3/11/2016	3/11/2016	Thomas	3/11/2016	n/a
Alkek Teaching Theater Cat Walk Project	n/a	Missy Mears	3/21/2016	3/25/2016	n/a	n/a	no review needed
University Events Center	100% SD	Nathan Wensowitch	3/29/2016	4/11/2016	Cantu	4/11/2016	n/a
University Events Center	100% DD	Nathan Wensowitch	6/9/2016	6/24/2016	Cantu	6/24/2016	n/a
1921 Old RR12 Waterline Extension	60% Drawing Review	Kristin Kibling	3/30/2016	4/18/2016	Cantu/ Cockrell	4/18/2016	n/a

Table 5
Plan Review Summary
Year 3
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FCS Learning Lab		Stephen Marlow	4/12/2016	4/18/2016	n/a	n/a	no review needed
Glade Theather		John Rudolph	5/13/2016	5/19/2016	Cantu/ Cockrell	5/20/2016	n/a
Derrick Hall Mezzanine Remodel		Stephen Marlow	5/17/2016	5/23/2016	n/a	n/a	no review needed
Spring Lake Boat Ramp Remodel		Danny Putegnat	5/18/2016	5/25/2016	Cantu/ Cockrell	5/25/2016	n/a
Softball Field Band Storage Utility Locate		Abraham Fernandez	6/2/2016	6/7/2016	Cantu/ Cockrell	6/8/2016	n/a
LBJ Student Center Expansion (MEP Renovation)		Luiza Maal	7/12/2016	7/20/2016	EHSRM	7/21/2016	n/a

Percentage Completion: 97%

Table 6
Summary of SWPPP Inspections
Year 3
September 1, 2015 - August 31, 2016
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Texas State University -San Marcos Texas

Month	Site	Initial Insp and Sign Off?	Routine SWPPP (a) Inspections	Noncompliance Issues? (If Yes, record date)	Date of Resolution	Final SWPPP Inspection
		Y/N		Y/N		
Sept-15 (b)	Bobcat Trail Utility Upgrade		3	N		
	Moore Street Housing/DHRL		4	N		
	STAR One Expansion		4	N		
Oct-15	Bobcat Trail Utility Upgrade		4	N		
	Moore Street Housing/DHRL		5	N		
	STAR One Expansion		5	N		
Nov-15	Bobcat Trail Utility Upgrade		3	N		
	Moore Street Housing/DHRL		4	Y (11-25-2015)	12/17/2015	
	STAR One Expansion		4	N		
Dec-15	Bobcat Trail Utility Upgrade		4	N		
	Moore Street Housing/DHRL		4	N		
	STAR One Expansion		3	N		
Jan-16	Bobcat Trail Utility Upgrade		4	N		
	Moore Street Housing/DHRL		4	N		
	STAR One Expansion		3	N		
Feb-16	Bobcat Trail Utility Upgrade		4	N		
	Moore Street Housing/DHRL		4	Y (2/3/2016)	2/10/2016	
	STAR One Expansion		4	N		
Mar-16	Bobcat Trail Utility Upgrade		4	N		
	Moore Street Housing/DHRL		4	N		
	STAR One Expansion		4	N		
Apr-16	Bobcat Trail Utility Upgrade		4	N		
	Moore Street Housing/DHRL		4	N		
	STAR One Expansion		3	N		
May-16	Bobcat Trail Utility Upgrade		4	N		
	Moore Street Housing/DHRL		4	N		
	STAR One Expansion		3	N		
Jun-16	Bobcat Trail Utility Upgrade		5	N		
	Library Repository	Y	1	N		
	Moore Street Housing/DHRL		4	N		
	STAR One Expansion		4	N		Y
Jul-16	Bobcat Trail Utility Upgrade		2	N		Y
	Library Repository		4	N		
	Moore Street Housing/DHRL		1	N		
Aug-16 (c)	Library Repository		5	N		
	Moore Street Housing/DHRL		1	N		Y
Total		1	**131**	**2**		**3**

Notes:
(a) Stormwater Pollution Prevention Plan Inspection per the Construction General Permit TXR150000
(b) beginning of the Texas State University fiscal year
(c) ending of the Texas State University fiscal year

Table 7

Summary of Continuing Education Hours

Year 3

September 1, 2015 - August 31, 2016

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Texas State University -San Marcos Texas

Month	Event	Number of Attendees	Hours/each	Total Hours
9/16/2015	Post Construction Stormwater BMPs Master Class Series, Forester University: BMP Fundamentals-Where We Are and Where We're Going	1	1.5	1.5
9/17/2015	Post Construction Stormwater BMPs Master Class Series, Forester University: BMP Fundamentals-Where We Are and Where We're Going	2	1	2
9/23/2015	Post Construction Stormwater BMPs Master Class Series, Forester University: Green Infrastructure- Where When and How to Incorporate It	3	1.5	4.5
9/30/2015	Post Construction Stormwater BMPs Master Class Series, Forester University: BMP Design and Selection - Hydrology, Hydraulics, and Computer Modeling	1	1.5	1.5
10/1/2015	Post Construction Stormwater BMPs Master Class Series, Forester University: BMP Design and Selection - Hydrology, Hydraulics, and Computer Modeling	2	1	2
10/7/2015	Post Construction Stormwater BMPs Master Class Series, Forester University: BMP Construction Methods and Techniques	1	1.5	1.5
10/9/2015	Post Construction Stormwater BMPs Master Class Series, Forester University: BMP Construction Methods and Techniques	6	1	6
10/13/2015	Post Construction Stormwater BMPs Master Class Series, Forester University: BMP Inspection and Maintenance	6	1	6
10/14/2015	Post Construction Stormwater BMPs Master Class Series, Forester University: BMP Inspection and Maintenance	5	1	5
10/21/2015	Post Construction Stormwater BMPs Master Class Series, Forester University: Maximizing Erosion Control	2	1	2

Table 7

Summary of Continuing Education Hours

Year 3

September 1, 2015 - August 31, 2016

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Texas State University -San Marcos Texas

Month	Event	Number of Attendees	Hours/each	Total Hours
12/1/2015	Pesticide Applicator Recertification	1	5	5
1/1/2016	Pesticide Applicator Recertification	1	5	5
2/15/2016	CISEC Course	1	9	9
2/29/2016	Pesticide Applicator Recertification	1	6	6
3/1/2016	Pesticide Applicator Recertification	7	5	35
3/22/2016	ABCs of BMPs: Buttoning Up Large Sites in Small Time, Forester University	10	1	10
4/6/2016	Design, Construction & Application of Pavers & Permeable Concrete Pavers	5	1	5
4/27/2016	ABCs of BMPs: Buttoning Up Large Sites in Small Time, Forester University	11	1	11
5/3-4/2016	TCEQ Environmental Trade Fair	3	8	24
5/16/2016	CISEC Course	9	1	9
5/31/2016	CISEC Course	9	1	9
8/1/2016	Pesticide Applicator Recertification	1	5	5
8/17/2016	Pesticide Applicator Recertification	1	5	5
Total		**89**		**165**

Table 8

Post Construction BMP Maintenance

Year 3

September 1, 2015 - August 31, 2016

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Texas State University -San Marcos Texas

Month	Unit Name	Unit Number	Material Removed (pounds)	Contractor
9/4/2015	Concrete Channel	CC-1-01	223	Utilities Operations
10/26/2016	Water Quality Structure	WQS-1-01	446.88	Utilities Operations
10/27/2015	Concrete Channel	CC-1-01	149	Utilities Operations
10/27/2015	Detention Pond	DP-1-02	654	Utilities Operations
11/4/2015	Concrete Channel	CC-1-01	8208	Utilities Operations
11/4/2015	Detention Pond	DP-1-03	1117.2	Utilities Operations
11/12/2015	Retaining Wall	n/a	2538.2	Utilities Operations
12/8/2015	Detention Pond	DP-1-03	101.84	Utilities Operations
12/16/2015	Grit Trap Garage	GT-3-01	6,255	Gruene Environmental
12/16/2015	Oil Water Separator Garage	OW-3-01	6,255	Gruene Environmental
12/17/2015	Storm Trooper Matthew St Garage-sludge	ST-2-01	1,685	Gruene Environmental
12/15/2015	Storm Trooper Matthew St Garage-water	ST-2-01	75,060	Gruene Environmental
12/14/2015	Contech Unit- sludge	CT-3-01	5,476	Gruene Environmental
12/14/2015	Contech Unit-sludge	CT-3-02	5,476	Gruene Environmental
12/14/2015	Contech Unit-sludge	CT-3-03	5,476	Gruene Environmental
12/14/2015	Contech Unit-sludge	CT-3-04	5,476	Gruene Environmental
12/14/2015	Contech Unit- water	CT-3-01	18,765	Gruene Environmental
12/14/2015	Contech Unit-water	CT-3-02	18,765	Gruene Environmental
12/14/2015	Contech Unit-water	CT-3-03	18,765	Gruene Environmental
12/14/2015	Contech Unit-water	CT-3-04	18,765	Gruene Environmental
2/1/2016	Water Quality Structure	WQS-4-01	25	Utilities Operations
2/29/2016	Water Quality Structure	WQS-1-01	254	Utilities Operations
3/9/2016	Water Quality Structure	WQS-4-01	51	Utilities Operations
3/17/2016	Paver Parking Lot	PP-4-01	none, vacuum only	USA Environmental
3/18/2016	Paver Parking Lot	PP-4-02	none, vacuum only	USA Environmental
3/22/2016	Water Quality Structure	WQS-1-01	152.304	Utilities Operations
3/24/2016	Detention Pond	DP-1-02	101.536	Utilities Operations
3/28/2016	Retaining Wall	n/a	253.84	Utilities Operations

Table 8

Post Construction BMP Maintenance

Year 3

September 1, 2015 - August 31, 2016

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Month	Unit Name	Unit Number	Material Removed (pounds)	Contractor
4/1/2016	Retaining Wall	n/a	2729.16	Utilities Operations
4/13/2016	Detention Pond	DP-2-02	253.84	Utilities Operations
4/14/2016	Concrete Channel	CC-1-01	203.072	Utilities Operations
4/17/2016	Concrete Channel	CC-1-01	304.608	Utilities Operations
5/4/2016	Detention Pond	DP-1-02	6193.696	Utilities Operations
5/9/2016	Water Quality Structure	WQS-4-01	50.768	Utilities Operations
5/11/2016	Concrete Channel	CC-4-01	202.92	Utilities Operations
5/26/2016	Retaining Wall	n/a	114	Utilities Operations
5/26/2016	Rock Gabion	GB-1-02	114	Utilities Operations
6/8/2016	Detention Pond	DP-1-02	1066.128	Utilities Operations
6/9/2016	Water Quality Structure	WQS-4-01	101.84	Utilities Operations
6/20/2016	Retaining Wall	n/a	913.52	Utilities Operations
7/8/2016	Concrete Channel	CC-4-01	202.92	Utilities Operations
7/11/2016	Retaining Wall	n/a	8.36	Utilities Operations
7/11/2016	Rock Gabion	GB-1-02	8.36	Utilities Operations
7/19/2016	Water Quality Structure	WQS-1-01	304.076	Utilities Operations
8/2/2016	Retaining Wall	n/a	507.68	Utilities Operations
8/11/2016	Filter Strip	FS-1-01	609.216	Utilities Operations
8/11/2016	Detention Pond	DP-1-01	405.84	Utilities Operations
8/11/2016	Water Quality Structure	WQS-1-01	304.608	Utilities Operations
8/14/2016	Water Quality Structure	WQS-4-01	203.072	Utilities Operations
8/26/2016	Water Quality Structure	WQS-4-01	50.768	Utilities Operations
Total		**49**	**215,347**	

(a) see tab called "List of BMPs" for IDs)

(b) conversion for cy of water to pounds 1 cy x 1685 pounds/cy = pounds

(c) conversion for cu ft of soil to pounds is ~76 pounds/cu ft

Table 9
Summary of IDDE Responses
Year 3
September 1, 2015 - August 31, 2016
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Texas State University -San Marcos Texas

Date		Description of Release	Method of Reporting (Hotline/Phone/e-mail)	Actions Taken	Samples Collected? (Y/N)	Reportable Quantity? (Y/N)	Date Resolved
10/7/2015		Cooking Oil to Storm Drain	Email	City of San Marcos received call that Our Lady of Wisdom (Catholic Student Center) poured oil into storm drain after a church fish fry. COSM and Texas State investigated the call and noted that the oil was contained in the storm drain behind the building, and none had discharged into the storm sewer system. COSM followed up with the church and explained their options for removal of the oil from the drain and disposal options. Brochures on FOG disposal were also provided.	N	N	10/15/2015
10/21/2015		Harris Food Waste Spill	Email	EHSRM received a report about food waste for Bobcat Blend composting program spilled during transfer. EHSRM investigated the spill and followed up with Tina Cade, Bobcat Blend faculty advisor, to arrange removal of spillage. No considerable amount of food waste was released to the storm sewer system.	N	N	10/21/2015
10/23/2015		Oil Spill JCK Parking lot	Other	EHSRM employee noted an oil spill from a car leak in the parking lot of JCK. Employee returned with assistance to clean up the spill. No oil was released into the storm sewer system.	N	N	10/23/2015
11/6/2015		Oil Spill Parking lot near Spec/Moore St, beside Blanco Hall	EHS Main Phone Line	EHSRM received after-hours report of spilled oil on parking lot. Spill was cleaned up by EHSRM employees. No oil was released into the storm sewer system.	N	N	11/6/2015

Table 9
Summary of IDDE Responses
Year 3
September 1, 2015 - August 31, 2016
Phase II MS4 Annual Report
Texas State University -San Marcos Texas

Date		Description of Release	Method of Reporting (Hotline/Phone/e-mail)	Actions Taken	Samples Collected? (Y/N)	Reportable Quantity? (Y/N)	Date Resolved
1/19/2016		Concrete Washout Water near ASB loading dock, parking lot R-15	EHS Main Phone Line	EHSRM received call concerning "white liquid" flowing into storm drain at parking lot R-15. EHSRM Spill Response Team inspected area and noted no present flow, but did note evidence of prior flow. Absorbent pads were used to clean area and contracter was notified. EHSRM inspected sections of Sessom Creek in the vicinity of the storm drain, the creek showed no signs of being affected. Area was cleaned and reinspected by EHSRM on 1/21/16; corrections were made and all was satisfactory	N	N	1/21/2016
1/29/2016		Food grade hydraulic oil spill in Spring Lake	Other	Aaron Wallendorf, Meadows Center, reported spill to EHSRM. A ruptured cylinder was the source of the leak, it was stopped immediately. A 5" diamater leak of oil on Spring Lake was contained using oil absorbant booms and pads. All materials were bagged, tagged, and disposed of properly.	N	N	1/29/2016
2/19/2016		Transmission fluid leak in the back of Elliot Hall	EHS Main Phone Line	EHSRM Spill Response Team responded and distributed dry absorb material on the leaking area. After the absorbant material was spread out, it was swept up as much as possible. The dry absorb material was removed and in the afternoon, the area was sprayed with microblaze. No oil was released into the storm sewer system.	N	N	2/19/2016

Table 9
Summary of IDDE Responses
Year 3
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Date		Description of Release	Method of Reporting (Hotline/Phone/e-mail)	Actions Taken	Samples Collected? (Y/N)	Reportable Quantity? (Y/N)	Date Resolved
3/21/2016		Latex Paint dump/spill	EHS Main Phone Line	EHSRM was notifed by Richard Medina of intentional dumping of paint into a dumpster at Bobcat Village, which leaked onto the parking lot when the dumpster was emptied by TDS. It was observed that approximately 2 gallons of paint was spilled into the adjacent storm drain. The TDS Driver deployed booms and created an earthen berm to prevent the discharge from traveling further downstream. It was observed that no paint was discovered at any drains downstream of the spill. The remaining liquid from the storm drain was vacummed out of the drain and the remaining absorbent was removed and placed in a 55 gallon steel drum to be disposed by contractor. CG Environmental cleaned the pavement surface using street sweeper type equipment.	N	N	3/21/2016
3/23/2016		Green liquid to storm drain on Pickard Street	IDDE Hotline	The first IDDE Drill was conducted to assess the efficiency of the IDDE Hotline and communication flow chart. The report on the IDDE Hotline was only a drill and was not an actual discharge to the storm sewer system.	n/a	n/a	3/23/2016

Table 9
Summary of IDDE Responses
Year 3
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Date		Description of Release	Method of Reporting (Hotline/Phone/e-mail)	Actions Taken	Samples Collected? (Y/N)	Reportable Quantity? (Y/N)	Date Resolved
5/26/2016		Oil Sheen in Facilities Parking Lot	IDDE Hotline	EHSRM was notified of an oil sheen on the parking lot at Facilities. Between the time the sheen was reported and the time the Spill Reponse Team arrived, a large rainstorm entered the area and washed most of the sheen into the storm sewer system. The remailing sheen was absorbed and contained with pads and booms. The team inspected downstream of the storm drain and did not see any downstream waters that were affected by the sheen. It was determined that the amount oil that made the sheen was insignificant and not a reportable quantity.	N	N	5/26/2016
6/10/2016		Dry weather flow from outfall	Semiannual inspections	A dry weather flow was noted at outfall OF-3-7. It was determined that the flow was a result of water overflowing from nearby ponds.	Y	N	6/10/2016
7/6/2016		Break Fluid leak	EHS Main Phone Line	EHSRM was contacted by Elsie Romano about a vehicle that lost a wheel at the intersection of Pleasant St. and Sessom Dr and was leaking brake fluid, Chad Thomas was dispatched with equipment. Absorbent was applied and worked onto the spill. Upon departure from scene brake fluid was still dripping, absorbent pads were placed at source of leak and on the ground. No brake fluid was discharged to the storm sewer system.	N	N	7/6/2016
7/22/2016		Domestic water line busted	IDDE Hotline	A Texas State employee called the IDDE Hotline to report that a domestic water line had broken. The line was a City of San Marcos line and they were notified immediately.	N	N	7/22/2016
TOTAL REPORTS: 12							
TOTAL RESOLVED: 12							

C. Stormwater Data Summary

Provide a summary of all information used including any lab results (if sampling was conducted) to assess the success of the SWMP at reducing the discharge of pollutants to the MEP. For example, did the MS4 conduct visual inspections, clean the inlets, look for illicit discharge, clean streets, look for flow during dry weather, etc.? (Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(b))

Sampling not required for Level 2 MS4s. No TMDL for TDS impairment on Segment 1814 Upper San Marcos River.

Ongoing monitoring conducted is as follows:

- Weekly SWPPP inspections for 4 active construction sites during Year 3, totaling 131 inspections. SWPPP inspections were conducted to ensure compliance with Construction General Permit TXR150000 by minimizing pollutants from construction activity from entering the MS4. For more information, see **Table 6** in Attachment A: Narrative Provision of the Annual Report.
- Bi-annual inspections of 36 MS4 outfalls for dry weather flow and maintenance needs. Four of those inspections indicated dry weather flow, but no evidence of illicit discharge was detected.
- Annual inspections of 41 post-construction BMPs for maintenance needs, follow up inspections for 27 units. More than 107 tons of material was removed from the post-construction BMPs throughout Year 3. For more information, see **Table 8** in Attachment A: Narrative Provision of the Annual Report.
- Twelve incidents of illicit discharges were reported during Year 3. Each incident was responded to and resolved the same day, removing or preventing harmful pollutants from entering the storm sewer system. For more information, see **Table 9** in Attachment A: Narrative Provision of the Annual Report.