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): __**4**__

Annual Reporting Year Option Selected by MS4:

Calendar Year_____

Permit Year_____

Fiscal Year: ___**X**___ Last day of fiscal year: (**August 31, 2017**)

Reporting period beginning date: (month/date/year): **September 1, 2016**

Reporting period end date: (month/date/year): **August 31, 2017**

MS4 Operator Level: __**2**___

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

Contact Name: **Gordon Green** Telephone Number: **(512) 245-3616**

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

E-mail Address: **stormwater@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 use of media was continued 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 for stormwater relating to construction was continued for University construction personnel and was provided through Forester University webinars. Subsequent training opportunities were encouraged throughout the year for those with Certified Inspector of Erosion and Sediment Control (CISEC) Certification. Orientation trainings were also provided to contractors and subcontractor superintendents for new capital projects. 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, training using the What Goes Here Flows Here" logo was continued in Year 4 and helped to increase awareness of stormwater for students, staff and faculty and the different ways pollutants can reach the waterways.
	Web Page and Community Hotlines	Yes, the illicit discharge hotline (512-245-IDDE) serves as a way to educate students, staff, and faculty on recognizing and reporting unauthorized discharges, and helps to reduce the number of instances of illicit discharges and illegal dumping activities on campus. The webpage helps to educate the public on basic stormwater awareness, education and outreach events, public involvement opportunities for event focused around reducing pollutants in stormwater runoff, and MS4 documentation and reporting.
	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 were also educated on stormwater runoff, the purpose of curb inlet markers, and that the water that flows into storm drains is not treated or filtered before entering local waterways.

Table 1		
MCM(s)	**BMP**	**BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.**
1. Public Education, Outreach and Involvement	Community Events	Yes, boosting participation at events focused on reducing non-point source pollution in waterways, as well as educating event participants about the importance of keeping stormwater clean, ultimately helps decrease pollutants in stormwater.
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. Companies with contracts through the university are also required to comply with UPPS 04.05.16.
	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 4 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 outfall monitoring procedures for dry weather flow.
	Training on IDDE and Outfall Monitoring	Yes, field personnel trained in outfall monitoring procedures as well as IDDE identification and response procedures are better prepared to identify and isolate potential illicit discharges.

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	IDDE Hotline Number and Follow-Up Procedures	Yes, the goal of the IDDE hotline number is to improve the number of potential releases reported, thus allowing corrective action to stop or prevent the release of pollutants to local waterways.
	Hazardous Waste and Recycle Material Collection Programs	Yes, routine collection of hazardous waste in Year 4 resulted in the transfer and storage of expired chemicals to the RCRA Hazardous Waste Storage Unit, as opposed to outside storage, landfill disposal, or abandonment. Oil, plastics, paper and glass were also successfully kept out of the storm sewer system by routine collection and proper management and disposal.
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 compliance with the TXR150000 and 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 4.
	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.

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	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 gives Texas State University the authority to enforce permit conditions for the campus. This will improve the quality of stormwater discharges to the river.
	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. Two water quality detention ponds and a permeable paver parking lot were included in new construction plans for Year 4.
	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.

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	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.
5. Pollution Prevention/Good Housekeeping for Municipal Operations	Prepare an Operation and Maintenance Program	Yes, continuing to update 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.

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	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. Receiving product inventory and performing inspections on inventory storage areas helps to monitor the products in use and identify expired or empty containers that require proper disposal.
	Inventory of Municipal-Type Operations	Yes, performing inspections on municipal-type operations throughout campus help to identify good practices currently in place as well as practices that need improvement. This ultimately helps to decrease the potential number pollutants released into the storm sewer system as result of day-to-day operations.
	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.
	Contractor Oversight	Monitoring contractor activities to ensure the Campus Stormwater Management UPPS is being enforced helps to decrease the potential number pollutants released into the storm sewer system as a result of contractor operations.

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 4.
	Distribute educational materials such as brochures, fliers, door hangers, magnets at university and city sponsored events.	Met goal. Distributed 1,307 educational/promotional items. **Attachment A** Table 1 lists all Public Education efforts and examples.
	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. Continued promotion of stormwater awareness materials through Facebook page, KTSW Radio, Texas State Cable TV, campus-wide emails, and website postings. 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 13 Texas State construction staff members.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Succe**
1. Public Education, Outreach and Involvement	Provide orientation training to contractor and subcontractor superintendents on basic SWPPP inspection expectations and site controls upon initial startup at jobsite.	Met Goal. 257 contractors/subcontractors were trained in Year 4 on basic SWPPP expectations for construction. **Attachment A** Table 3-1 and Table 3-2 lists all training records.
	Provide basic stormwater pollution prevention awareness input into new employee and new student orientation.	Met Goal. Due to restructuring and staff changes in Year 4, New Employee Orientation is in the process of being reorganized and will be updated in Year 5. New students (2,380) 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 4. Reached approximately 184,595 people with education and outreach messages. See **Attachment A** 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	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. Provided information to the public on proper pet waste disposal. **Attachment A** Table 1 lists all Public Education efforts and examples.
	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, and a link to report illicit discharges online or through a hotline number.
	Incorporate new design on new and replacement storm drain covers.	Met goal. New manhole covers are in the process of being included on storm sewer manholes in current construction projects. Number of manhole covers with new design will be reported when construction in finalized.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
1. Public Education, Outreach and Involvement	Install inlet markers on at least 10 curb inlets annually.	Exceeded goal. Installed 29 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 4, 2017 – 725 volunteers cleaned 6 watershed areas in 3 hours. Picked up 11,500 lbs of trash and 3,430 lbs of recyclable materials, and 37 passenger tires. See **Attachment A** for data and photos. **Attachment A** Table 2 lists all Public Participation events.
	Work with Bobcat Build volunteers once a year on stormwater cleanup, maintenance or other related projects.	Met goal. April 1, 2017 – Used curb inlet marker installation and litter pickup 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. Texas State organizations participated in 19 City-sponsored Adopt-a-Spot clean-ups and five Hot Spot clean-up projects through the Keep San Marcos Beautiful Program. Overall, a combined 628 volunteers spent approximately 1,120 hours picking up 158 bags of trash and 50 bags of recyclables. In addition, 14 student groups participated in a new campus-sponsored Adopt-a-Spot program initiative. See **Attachment A** for data. **Attachment A** Table 2 lists all Public Participation events.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
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. MS4 Outfall Map was updated to show five additional MS4 outfall locations, along with new piping identified in Year 3, identified based on GIS mapping of new development. Year 4 additions include 41 inlets from construction projects finalized at the end of Year 3. Additional updates will be made when current construction projects are finalized.
	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. Storm sewer information not provided for these buildings in Year 3 was provided in Year 4.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
2. Illicit Discharge Detection and Elimination (IDDE)	Continue inspection of grease traps and lift stations and replace broken manhole covers with Texas State salamander covers.	Exceeded goal. 65 grease trap inspections, 1 pumped out, and 4 repaired. 19 lift station inspections and 4 repairs. 32 manhole covers were inspected, 1 replaced. 9 compactors were inspected daily over 49 weeks, totaling 2,142 inspections. 9 incidents were responded to and resolved during Year 4.
	Finalize plan and implement.	Met Goal.
	Implement training with workshops for the Shops, Grounds Operations, Garage, Auxiliary Services, DHRL, FPDC, and Utility Operations followed by annual refresher training.	Met Goal. 261 employees completed Illicit Discharge, Detection and Elimination annual training using SAP software system. See Table 3-1 in **Attachment A**.
	Implement the program and document the types of complaints and corrective actions taken for the annual report.	Met Goal. Seventeen spills/illicit discharges were reported and resolved in Year 4. **Attachment A** Table 9 lists all IDDE responses.
	Continue to provide weekly waste pickups on campus to shops and labs.	Met goal. 48 pickups of hazardous and industrial waste in Year 4.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
2. Illicit Discharge Detection and Elimination (IDDE)	Continue to offer monthly battery pickup and annual electronic waste recycling.	Met goal. 11 pickups of alkaline and rechargeable batteries at 73 locations (803 total) in Year 4.
	Continue to collect recyclable materials from all academic buildings, shops and dorms on a scheduled basis.	Met goal. Two pickups of recycled oil and daily pickups of recyclable materials (cardboard, paper, and mixed stream) over 49 weeks (245 pickups total) in Year 4.
	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 71.5 tons of hazardous and industrial waste in 48 pickups. Recycled a total of over 400 tons of recyclable materials (cardboard, plastics, and mixed stream) through weekly pickups and self-serve drop off. Picked up 2240 gallons of recycled oil. Recycled a total of 2290 pounds of alkaline, 789 pounds of lead acid, and 113 pounds of rechargeable batteries in Year 4. Hazardous waste reported to TCEQ on February 6, 2017 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. Incorporated UPPS information into contractor training in Year 4.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
3. Construction Site Stormwater Runoff Control	Continue to monitor compliance with stormwater program for new construction and redevelopment.	Met Goal.
	Circulate for review, finalize and implement.	Met Goal. 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 100% 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 permeable pavers on a new construction project (Engineering 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 164 SWPPP site inspections in Year 4. See Table 6 in **Attachment A.**
	Continue attending conferences and training to increase skills and knowledge for construction inspectors.	Met goal. Workshops attended – 9 Total professional development hours – 97 Total number of attendees – 44 See Table 7 in **Attachment A.**
	Resolve all noncompliance issues or pursue enforcement actions per the UPPS.	Met goal. 0 incidences of noncompliance resolved in Year 4.
4. Post-Construction Stormwater Management in	Finalize UPPS.	Met Goal.
	Continue compiling information on the location and kinds of structural BMPs on campus.	Met goal.
	Update the table and map as new BMPs are added or discovered.	Met goal.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
4. Post-Construction Stormwater Management in New Development and Redevelopment	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. 121,844 pounds of material was removed during BMP maintenance in Year 4 See Table 8 in **Attachment A.**
	Develop BMP fact sheets and use to train applicable employees to perform inspections. Document training.	Met Goal. Trained four employees on BMP functionality and maintenance using fact sheets. See Table 7 in **Attachment A.**
	Perform compliance inspections annually or more frequently to determine if maintenance is required.	Met goal. EHSRM and Utilities Operations performed initial and spot check inspections on BMPs in Year 4. Utilities Operations performed regular BMP maintenance and additional maintenance on BMPs which require more frequent maintenance (as identified in the BMP Maintenance Manual). The BMP inventory spreadsheet will be updated to identify BMPs which are no longer effective or are currently out of order.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
4. Post-Construction Stormwater Management in New Development and Redevelopment	Collect samples of wastes from campus BMPs as maintenance for each unit is pending.	Met goal. Sludge from Contech hydrodynamic units sampled 5/9/2017 and characterized as Class 2 Industrial Waste for June 2017 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. 207 employees completed Spill Prevention, Control and Countermeasures annual training using SAP software system. See Table 3-1 in **Attachment A**.
	Continue with grit trap and oil/water separator cleanout annually at the Facilities garage. Obtain or renew contract for these services.	Met goal. 25,000 pounds of grit trap and oil/water waste was removed from 2 BMPs. 98,860 gallons of grease was removed from grease traps on campus during Year 4. See Table 4 and Table 8 in **Attachment A**.
	Inventory all product storage areas and update annually.	Met Goal. Existing product inventories were updated by Campus Recreation, Grounds and Waste Management, and Athletics in Year 4.

Table 2		
MCM(s)	**Measurable Goal(s)**	**Success**
5. Pollution Prevention/Good Housekeeping for Municipal Operations	Perform semiannual inspections of areas identified in the inventory.	Met Goal. Inspections performed concurrently with Good Housekeeping/Pollution Prevention inspections.
	Continue with licensed applicator required training and records retention. Maintain records electronically.	8 employees were recertified in licensed pesticide applicator training in Year 4. See Table 7 in **Attachment A**.
	Perform semiannual inspections of areas identified in the inventory.	Met Goal. Performed inspections of 44 facilities during Year 4.
	Provide initial training and then annually for new employees.	In Progress Training video has been developed and uploading training to online database is currently in progress. Will be launched before the end of Year 5.
	Spot check contractors to ensure that BMPs are being followed.	Met Goal.

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))*

   Sampling not required for Level 2 MS4s. No TMDL for TDS impairment on Segment 1814 Upper San Marcos River. Ongoing monitoring activities conducted are as follows:

   - Weekly SWPPP inspections for 4 active construction sites during Year 4, totaling 164 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.**
   - Inspections of 20 MS4 outfalls for dry weather flow and maintenance needs. No evidence of illicit discharge was detected.
   - Annual inspections and spot check inspections of post-construction BMPs were performed to determine maintenance needs. Utilities Operations performed regular BMP maintenance and additional maintenance on BMPs which require more frequent maintenance (as identified in the BMP Maintenance Manual). Some BMPs are currently not in working order and could not be inspected at this time. The effectiveness of these BMPs will be addressed and actions will be taken to improve their functionality. More than 121,844 pounds of material was removed from the post-construction BMPs throughout Year 4. For more information, see Table 8 in **Attachment A: Narrative Provision of the Annual Report**.
   - Seventeen incidents of illicit discharges were reported during Year 4. 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.
   - Utilities Operations performed maintenance on 23 storm inlets, removing nearly 1,800 pounds of material from the MS4.

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 – 4.
	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 – 4.
		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 Years 3 – 4.
	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 Years 3 – 4.

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.	Continuation from 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 – 4.
		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 Years 3 – 4.
	Web Page and Community Hotlines	Expand the website to include hotline numbers, Annual Reports, and event dates and schedules.	Continuation from Years 2 – 4.
	Storm Drain Stenciling or Marker Program	Incorporate new design on new and replacement storm drain covers.	Continuation from Years 2 – 4.
		Install inlet markers on at least 10 curb inlets annually.	Continuation from Years 2 – 4.
	Community Events	Participate in at least one San Marcos River cleanup each year.	Continuation from Years 1 – 4.

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 – 4.
		Continue with Texas State volunteer groups for Keep San Marcos Beautiful (KSMB) "Adopt-a-Spot" projects.	Continuation from Years 1 – 4.
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 – 4.
		Include policy in subcontracts as applicable	Continuation from Years 2 – 4.
	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 – 4.
		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 – 4.
	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 – 4.

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 Years 3 – 4.
	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 Years 3 – 4.
	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 Years 3 – 4.
	Hazardous Waste and Recycle Material Collection Programs	Continue to provide weekly waste pickups on campus to shops and labs.	Continuation from Years 1 – 4.
		Continue to offer monthly battery pickup and annual electronic waste recycling.	Continuation from Years 1 – 4.
		Continue to collect recycle materials from all academic buildings, shops and dorms on a scheduled basis.	Continuation from Years 1 – 4.
		Continue to record the volume of waste and recyclable materials picked up and report to management annually.	Continuation from Years 1 – 4.

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 Years 3 – 4.
		Update construction standards to comply with MS4 Permit.	New Task for Year 5.
	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 – 4.
		Circulate for review, finalize and implement.	Continuation from Years 2 – 4.
	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 – 4.
		Review site plans in terms of protection of water quality impact, including BMP selection and design with emphasis on low impact development.	Continuation from Years 3 – 4.
	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 – 4.

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

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 – 4.
	Characterize BMP Wastes for Disposal	Collect samples of wastes from campus BMPs as maintenance for each unit is pending.	Continuation from Years 2 – 4.
		Document sampling results and volumes of waste removed annually.	Continuation from Years 2 – 4.
5. Pollution Prevention/ Good Housekeeping for Municipal Operations	Prepare an Operation and Maintenance Program	Finalize the program (implement).	Continuation from Years 1 – 4.
	Fleet and Equipment Maintenance	Continue SPCC training program for all personnel working with oil and other petroleum products.	Continuation from Years 1 – 4.
		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 – 4.
	Golf Course, Intramural Fields and Grounds Operations	Perform semiannual inspections of areas identified in the inventory.	Continuation from Year 4.
		Continue with licensed applicator required training and records retention.	Continuation from Years 1 – 4.

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.	Continuation from Year 4.
	Employee Training Program	Provide initial training and then annually for new employees.	Continuation from Year 4.
	Contractor Oversight	Spot check contractors to ensure that BMPs are being followed.	Continuation from 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:

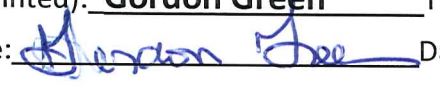
The number of municipal construction activities authorized under this general permit	
The total number of acres disturbed for municipal construction projects	

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): **Gordon Green** Title: **Interim Director, EHSRM**

Signature:  Date: **November 22, 2017**

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

What Goes Here Flows Here

The Texas State University and City of San Marcos separate MS4 Programs have continued to work together on education and outreach efforts throughout Year 4. 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 Years 2 and 3 using the What Goes Here Flows Here logo, additional items have been distributed throughout Year 4. See below for items developed and distributed in Year 4.

In Year 4, 1,307 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 the 72 Degrees Festival, Live on the Lawn, 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 4.

Pet Waste Awareness – Pet Fish Disposal Handout

Developed in Year 2 and updated and distributed in Year 4 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 (200 total) 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 (approximately 6000+).

What Goes Here Flows Promotional Items

Promotional items the What Goes Here Flows Here logo and other anti-litter messages were purchased for the 31st Annual Great Texas River Clean Up (March 4, 2014) and have been distributed at events throughout Year 4.

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 Outdoor Recreation Center were provided these reusable mesh trash bags for distribution to encourage program participants not to litter while enjoying activities that involve river recreation. In Year 4, the recreation center began to tie these bags on tubes they rented to students to discourage littering.

Education and Outreach Events

The What Goes Here Flows Here Partnership participated in various environmental educational events throughout Year 4. Below are examples of those events.

Texas State Support Staff Resources Fair, October 2016

Employee fair for Texas State staff and faculty. The What Goes Here Flows Here program attended (as part of the Environmental Health, Safety & Risk Management department) 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 general stormwater awareness question. The categories were created 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 2016

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, November 2016

Annual event hosted by Texas State University, which has been recognized as a Tree Campus USA by the Arbor Day Foundation. Attendees are 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 stormwater awareness information, including information on how trees can have a positive effect on stormwater runoff.

Landscape Managers Association Conference, February 2017

The Texas State MS4 Program was requested to speak at the Annual University Landscape Managers Conference in Fredericksburg, Texas. The SM4 Program provided education and outreach on good housekeeping/pollution prevention practices to over 50 landscape managers and other grounds staff from over 15 universities and school districts throughout Texas.

Texas State Aquatic Science Adventure Camp, June-July 2017

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.

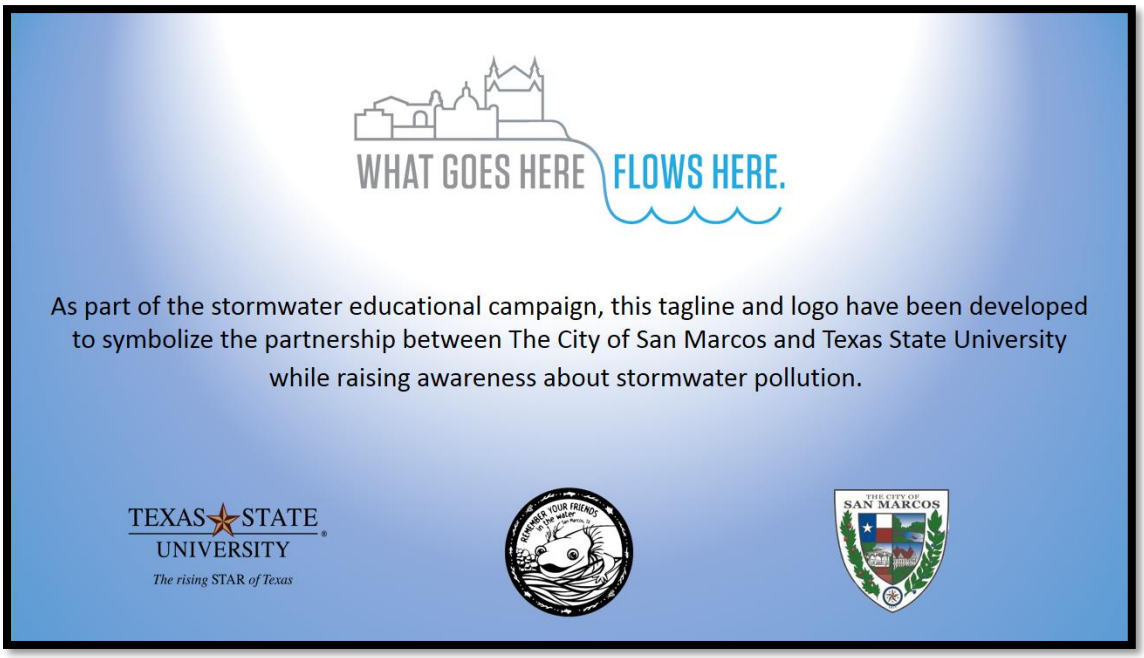
Post or broadcast digital promotional materials onto free media outputs such as Texas State Radio, Texas State and City cable stations, social media and various websites and list serves as appropriate.

Many education and outreach messages were distributed in Year 4 via free media outputs. In Year 4, approximately 185,595 people were reached through various media outputs including campus-wide emails, Facebook, Texas State Cable TV, and KTSW (Texas State radio station) broadcasts.

Table 1 shows a quantified summary of various education and outreach methods in Year 4.

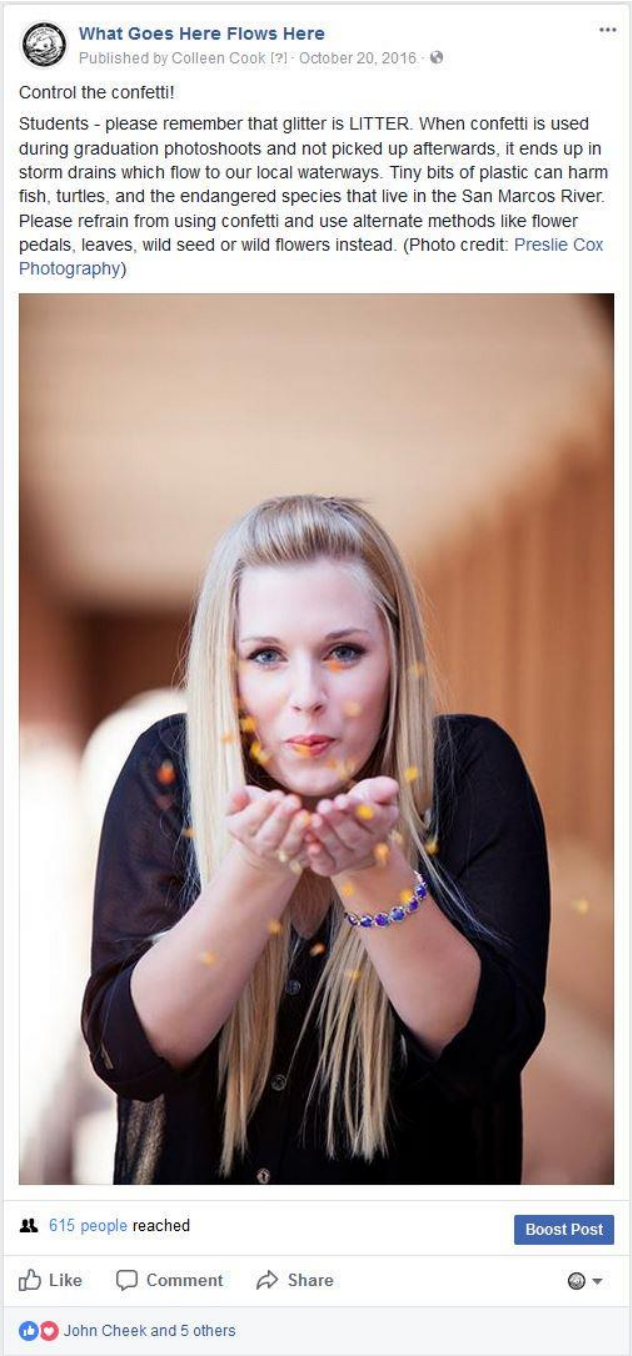
Texas State Cable Channel (TXTV)

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 153 likes since its origination. The following posts were some of the page's most successful postings, receiving a larger than average amount of likes, reactions, and shares, promoting this program as well as the main message.



Control the Confetti

Post discouraging confetti use on campus for graduation photos.

What Goes Here Flows Here shared San Antonio River Authority's photo.

Published by Colleen Cook [?] · April 27 ·

Please celebrate responsibly this weekend during #Fiesta! Remember, what goes on the ground ends up in our creeks and rivers!

San Antonio River Authority
April 24, 2015 ·

Like Page

PLEASE SHARE: What happens on the streets of #Fiesta, ends up in our creeks and river. We wish everyone a Happy Fiesta, but please be considerate of the environment and keep it clean. #missionreach

88 people reached

Boost Post

Like Comment Share

Chelsea Gay, Ryan Scheffer and 4 others

Fiesta

Post discouraging littering during Fiesta celebration.

Video Public Service Announcements

The What Goes Here Flows Here Program has created several videos, which have been posted on Youtube, Facebook, and the Texas State University Stormwater Webpage. Below are examples of videos created by the program and links to the full video.

#challengeSMTX PSA

Public Service Announcement (created in Year 2) designed to challenge the community to pick up trash and keep San Marcos beautiful. The video has 304 total views on YouTube (receieved 28 views in Year 4).

Full Youtube Video

Stormwater News PSA

Public Service Announcement (created in Year 3) produced in the style of a news broadcast and designed to educate the public about stormwater pollution and how it impacts you. The video has 323 total views on Youtube (139 views in Year 4).

Full YouTube Video

"What Goes Here Flows Here" PSA

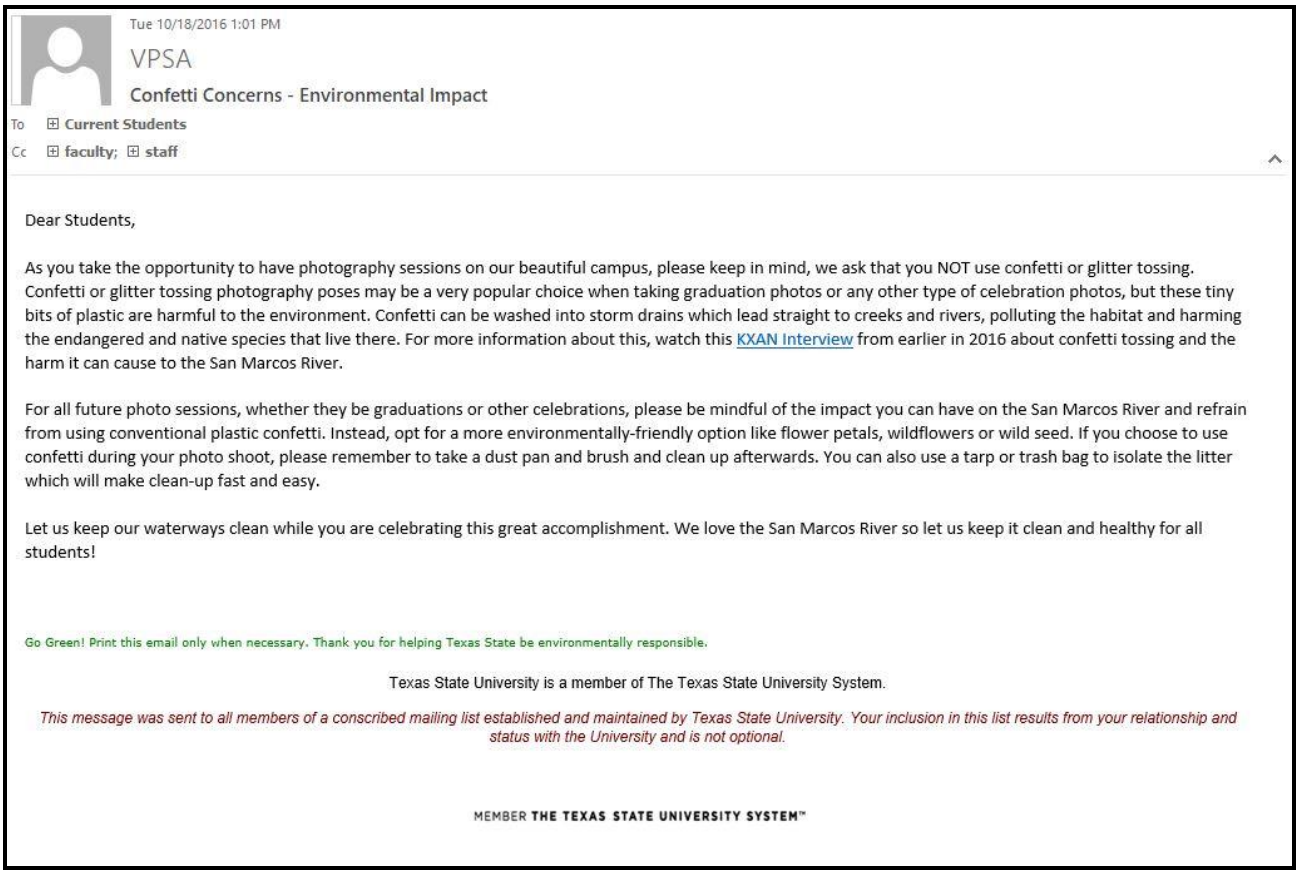
Public Service Announcement (created in Year 4) designed to increase awareness on the impacts of stormwater runoff using phrase and program name "what goes here, flows here." The video has 245 total views on YouTube, all of which were receieved in Year 4. Additionally, the City of San Marcos Facebook shared this PSA and receieved 223 likes, 321 shares, and 32,000 views. This video also aired as a movie advertisement at the Starplex Theater in San Marcos. The PSA played before every movie shown, every day for six months.

[Full YouTube Video]

Campus-Wide Emails

Providing education and outreach through campus-wide emails can be an effective way to relay information. Below is an example of how Texas State University provided stormwater education to the campus community.

This email was sent 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. The email was sent to all current students, staff and faculty totaling more than 40,000 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.



Tue 10/18/2016 1:01 PM

VPSA

Confetti Concerns - Environmental Impact

To ⊞ Current Students

Cc ⊞ faculty; ⊞ staff

Dear Students,

As you take the opportunity to have photography sessions on our beautiful campus, please keep in mind, we ask that you NOT use confetti or glitter tossing. Confetti or glitter tossing photography poses may be a very popular choice when taking graduation photos or any other type of celebration 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 from earlier in 2016 about confetti tossing and the harm it can cause to the San Marcos River.

For all future photo sessions, whether they be 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!

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™

KTSW Radio Station

In addition to visual education methods, providing education and outreach through audio programs (such as radio) can help spread information to a large audience. In Year 4, The What Goes Here Flows Here program was interviewed on the KTSW (Texas State Radio Station) program "Other Side Drive" to promote the Annual Great Texas River Clean Up and discourage environmentally harmful practices such as littering and using confetti use. Additionally, KTSW staff created a radio PSA discouraging confetti use. The PSA has been in rotation since May and plays on air about 2-4 times per day.

Unfortunately, at this time these data are not quantifiable and estimations cannot be made regarding numbers of listeners. However, increasing education and partnership is an important aspect of the MS4 program and we are appreciative of the efforts of KTSW.

Full Radio Confetti PSA

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

Staff Training

Due to program restructuring and recent staff changes, the general stormwater awareness portion of the New Employee Welcome (formerly New Employee Orientation II) program is currently being reorganized.

University staff are also trained through the University's SAP online software system in Illicit Discharge, Detection and Elimination as well as Spill Prevention, Control and Countermeasures. Good Housekeeping/Pollution Prevention training is in the process of being launched on SAP. Annual training for University Construction Department personnel was also provided in Year 4.

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

Training for contractors and subcontractors was implemented in Year 4. Contractors and subcontractors working on active construction sites receive basic introductory SWPPP training before they begin work on the jobsite.

Table 3-1 shows a summary of the number of staff trained through these methods in Year 4.

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 5, 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 4.

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

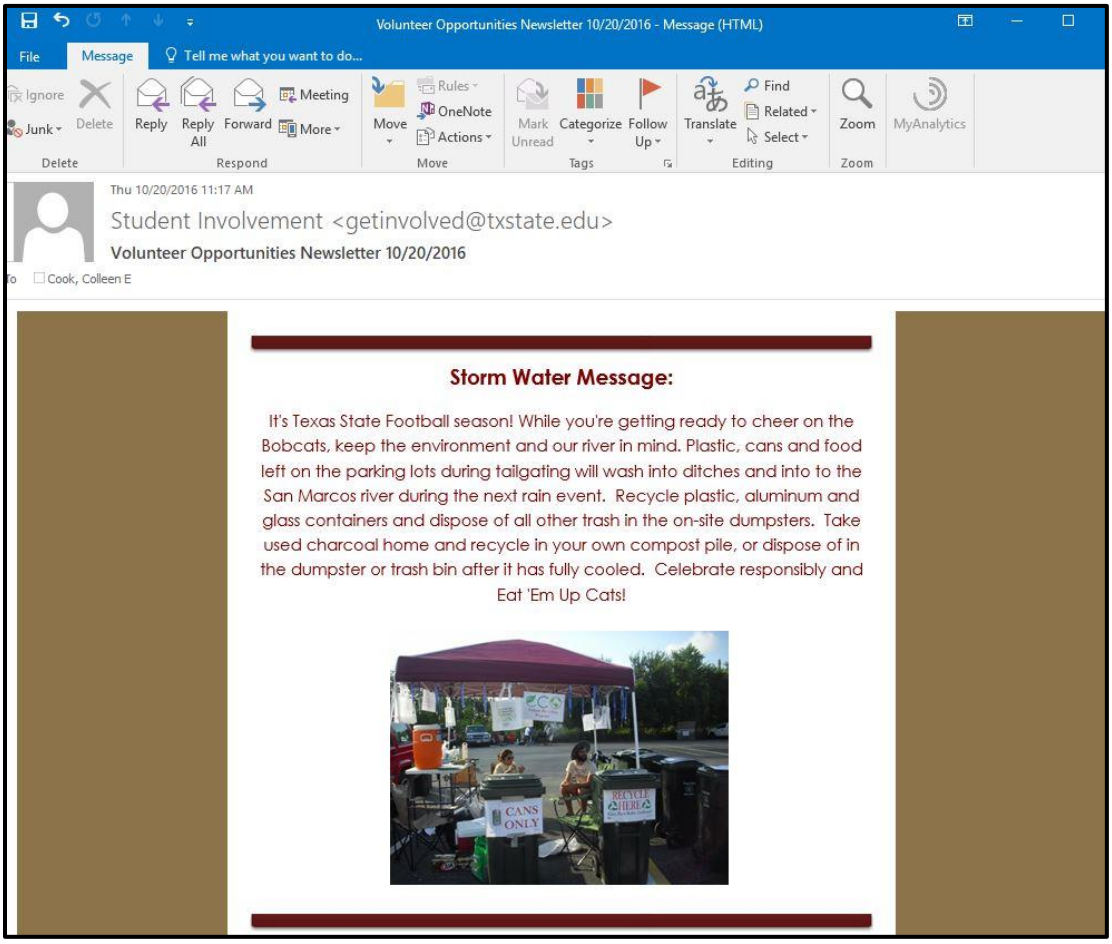
Student Involvement Volunteer Newsletter

Student Involvement at LBJ Student Center, a campus department whose main focus is encouraging student volunteerism, sends their Volunteer Newsletter to an average of 2400 students, staff and faculty 2-4 times per month. During Year 4, Student Involvement sent out four stormwater awareness messages/photos that were opened by recipients approximately 24,193 times. Additionally, the newsletter helped to promote events and initiatives such as the Annual Great Texas River Clean Up and #challengeSMTX. The stormwater awareness messages are typically thematic and are designed to correlate with the month in which they are sent. For instance, the stormwater message sent in March-April 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 4			
9/1/2016 – 9/30/2016	2117	**3/1/2017 – 3/31/2017**	3482
10/1/2016 – 10/31/2016	1564	**4/1/2017 – 4/30/2017**	3312
11/1/2016 – 11/30/2016	1542	**5/1/2017 – 5/31/2017**	2203
12/1/2016 – 12/31/2016	1360	**6/1/2017 – 6/30/2017**	1227
1/1/2017 – 1/31/2017	1974	**7/1/2017 – 7/31/2017**	1348
2/1/2017 – 2/28/2017	1857	**8/1/2017 – 8/31/2017**	2207

Example volunteer newsletter with stormwater message.



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.)

Install inlet markers on at least 10 curb inlets annually.

In Year 4, 29 curb inlet markers were installed on curb inlets and area drains throughout campus. These markers were installed through the Bobcat Build annual event.

Community Events

Texas State University and the What Goes Here Flows Here Program were involved in several stormwater-related public participation events during Year 4. The Annual Great Texas River Clean Up, Bobcat Build, and Keep San Marcos Beautiful Hot Spots 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.

<u>32nd Annual Great Texas River Clean Up, March 2017</u>

The 32nd Annual Great Texas River Cleanup brought out over 725 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 11,500 pounds of trash, 3,430 pounds of recyclable materials, and 37 tires. Each watershed had crews of about twenty volunteers, who 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 promotion item for their efforts. See below for photos.


WILLOW CREEK
WATERSHED
GREAT TEXAS
RIVER CLEANUP

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

Bobcat Build, April 2017

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 4, 23 volunteers from Texas State organizations worked for two hours to install storm drain markers on 29 storm inlets and picked up trash along the Texas State Disc Golf Course. 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 4

The City of San Marcos Keep San Marcos Beautiful program hosts “Hot Spot” cleanups throughout the year, typically in areas with persistent litter problems 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. Over Year 4, 316 volunteer completed 600 hours of work, with volunteers picking up 82 bags of trash and 23 bags of recyclables. See below for photos.

Adopt-a-Spots, ongoing throughout Year 4

Keep San Marcos Beautiful also has an Adopt-a-Spot program, which allows organizations to adopt an area within the city that they are responsible for cleaning multiple times per year. In Year 4, nine Texas State student organizations participated in 19 Adopt-a-Spot events. A total of 312 volunteers worked 527.5 hours and picked up 71.5 bags of trash and 27 bags of recycling.

In Year 4, the Texas State Student Government began a pilot “Adopt-a-Spot” program on campus. This program allowed Texas State student organizations to adopt an area on campus and required the group to clean the area multiple times per year. The program had fourteen active organizations who participated in regular Adopt-a-Spot cleanups. Unfortunately, because this was a pilot program, requirements for recordkeeping were not enforced initially. Student Government is in the process of revamping this program to include stricter parameters for regular pickups, including documentation and minimum annual cleanup events.

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 4.

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 4.

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 4, 100% 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 4 is shown in **Table 6**. Four active construction sites (greater than one acre) were ongoing in Year 4 of the permit and one was completed prior to this year-end reporting period. A total of 164 SWPPP inspections were completed in Year 4.

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 4 of the permit cycle.

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

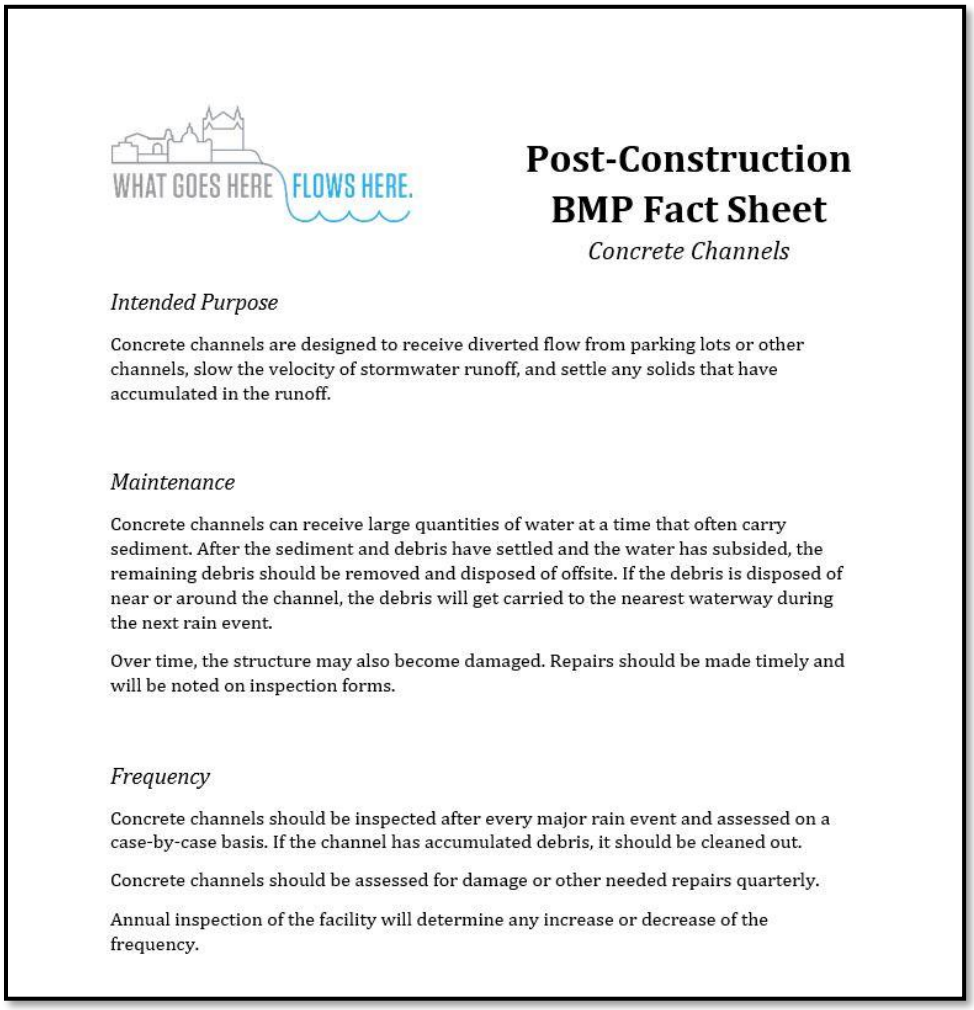
Perform O&M on structural BMPs according to the maintenance schedule.

Structural BMPs received maintenance as either existing initiatives or new work order requests during Year 4. 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 4.

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.

In Year 4, these fact sheets were used as the basis for training Utilities Operations employees who perform ongoing maintenance on post-construction BMPs.



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 documented in **Table 8**.

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

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

Table 1

Summary of Public Education and Outreach Events

Year 4

September 1, 2016 - August 31, 2017

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 Video PSA	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 video 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 (+28)	304
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 4.	Electronic Media	36500

Table 1

Summary of Public Education and Outreach Events

Year 4

September 1, 2016 - August 31, 2017

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
Stormwater News Video PSA	10/29/2015 - Present	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 since its origination. The the number in parenthesis reflects the number of views in Year 4.	Video (+139)	319
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 4.	Social Media (+87)	674

Table 1

Summary of Public Education and Outreach Events

Year 4

September 1, 2016 - August 31, 2017

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
What Goes Here Flows Here Facebook Page	1/20/2016 - Present	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. The the number in parenthesis reflects the number of views in Year 4.	Likes (+11)	153
"What Goes Here Flows Here" Video PSA	9/13/2016 - Present	Video PSA designed to increase awareness on the impacts of stormwater runoff using phrase "what goes here, flows here." The number reflects how many times the video was viewed since its origination. The number reflects views, likes, and comments on both City of San Marcos Youtube and Facebook pages. The number in parentheses reflects how many times the video was shared on Facebook.	Video (320 shares)	32,484

Table 1

Summary of Public Education and Outreach Events

Year 4

September 1, 2016 - August 31, 2017

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
Confetti Concerns Campus-Wide Email	10/18/2016	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 toss photos	10/20/2016	Facebook post showing the consequences of using confetti for photoshoots. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	6
Support Staff Resources Fair	10/26/2016	Employee fair for Texas State staff. Education and outreach on stormwater awareness using trivia game. Participants had to answer a stormwater-related question in order to receive a free promotional item. The number reflects how many items were given away.	Various promotional items with WGHFH logo, stormwater handouts	100

Table 1

Summary of Public Education and Outreach Events

Year 4

September 1, 2016 - August 31, 2017

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
City of San Marcos Employee Expo	10/27/2016	Employee fair for City of San Marcos staff. Education and outreach on stormwater awareness using trivia game. Participants had to answer a stormwater-related question in order to receive a free promotional item. The number reflects how many items were given away.	Promotional items with logo, stormwater handouts	100
WGHFH Facebook Post - Employee Fairs	10/27/2016	Facebook post promoting the San Marcos and Texas State employee fairs. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	2
Arbor Day Celebration	11/18/2016	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	20
Landscape Managers Association Conference	2/8/2017	Provide education and outreach on good housekeeping/pollution prevention to Landscape Managers of 15+ universities and school districts throughout Texas.	PowerPoint Presentation	50

Table 1

Summary of Public Education and Outreach Events

Year 4

September 1, 2016 - August 31, 2017

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
Annual Great Texas River Clean Up - Email	2/24/2017	Promote Annual Great Texas River Clean Up volunteerism to sudents, staff, and faculty. The number reflects how many received the email.	Email	40,658
Annual Great Texas River Clean Up	3/4/2017	Annual cleanup of litter from creeks, drainage channels and river. Volunteers received a What Goes Here Flows Here water bottle and Sally the Salamander Frisbee. The number reflects how many items were with stormwater message were given away.	Promotional items (water bottles and Frisbees)	250
Annual Great Texas River Clean Up	3/4/2017	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	725

Table 1

Summary of Public Education and Outreach Events

Year 4

September 1, 2016 - August 31, 2017

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
WGHFH Facebook Post-Live on the Lawn	3/30/2017	Facebook post promoting the What Goes Here Flows Here booth at Live on the Lawn, a spring concert series hosted by the city of San Marcos. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	1
Live on the Lawn	3/30/2017	Education and outreach on stormwater awareness using trivia game. Participants had to answer a stormwater-related question in order to receive a free promotional item. The number reflects how many items were given away.	Promotional items	20

Table 1

Summary of Public Education and Outreach Events

Year 4

September 1, 2016 - August 31, 2017

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
Bobcat Build	4/1/2017	Student volunteers from Texas State organizations (Delta Gamma and Alpha Phi Omega) 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 volunteers also picked up 6 bags of trash and one bag of recycables from the disc golf course. The number reflects how many promotional items were distributed.	WGHFH water bottle	23
WGHFH Facebook Post - Bobcat Build	4/3/2017	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	4

Table 1

Summary of Public Education and Outreach Events

Year 4

September 1, 2016 - August 31, 2017

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
WGHFH Facebook Post-72° Festival	4/19/2017	Facebook post promoting the What Goes Here Flows Here booth at 72° Festival, an annual event promoting environmental stewardship toward the San Marcos River. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	3
72° Festival	4/22/2017	Education and outreach on stormwater awareness using trivia game. Participants had to answer a stormwater-related question in order to receive a free promotional item. The number reflects how many items were given away.	Promotional items	20
WGHFH Facebook Post-Anti-Littering	4/27/2017	Facebook post discouraging littering during Fiesta, a celebration in the San Antonio area. The number reflects how many "likes" and "shares" the post has recieved to date.	Social media posting	6

Table 1

Summary of Public Education and Outreach Events

Year 4

September 1, 2016 - August 31, 2017

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
Pet Waste Awareness Campaign	4/28/2017	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	5/1/2017	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.	Move-out checklist	6000
Texas State Aquatic Science Adventure Camp	6/9/2017	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	25

Table 1

Summary of Public Education and Outreach Events

Year 4

September 1, 2016 - August 31, 2017

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
Texas State Aquatic Science Adventure Camp	7/6/2017	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	24
University Seminar 1100	9/1/2016 - 8/31/2017	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	2380

Table 1

Summary of Public Education and Outreach Events

Year 4

September 1, 2016 - August 31, 2017

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
Volunteer Newsletter	9/1/2016 - 9/30/2016	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	2117
	10/1/2016 - 10/31/2016			1564
	11/1/2016 - 11/30/2016			1542
	12/1/2016 - 12/31/2016			1360
	1/1/2017 - 1/31/2017			1974
	2/1/2017 - 2/28/2017			1857
	3/1/2017 - 3/31/2017			3482
	4/1/2017 - 4/30/2017			3312
	5/1/2017 - 6/31/2017			2203
	6/1/2017 - 6/30/2017			1227
	7/1/2017 - 7/31/2017			1348
	8/1/2017 - 8/31/2017			2207
Total Promotion/Educational Materials				1307
Total Awareness Messages				184,595

Table 2

Summary of Public Participation Events

Year 4

September 1, 2016 - August 31, 2017

Phase II MS4 Annual Report

Texas State University - San Marcos Texas

Name of Event	Date	Description of Event	Number of Participants / Volunteer Hours	Quantity (Bags of trash, curb inlet markers, etc.)	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. Number reflects number of hashtags used in Year 4.	25	25	PSA video, photos and videos posted by participants using #challengeSMTX hashtag on social media
Adopt-a-Spot	9/1/2016 - 9/30/2016	Litter and debris removal by Texas State organizations (Gnack & HEAT).	28	14 bags of trash	Litter pickup
			63	6 bags of recycling	
Adopt-a-Spot	10/1/2016 - 10/31/2016	Litter and debris removal by Texas State organizations (Beta Beta Beta, Gnack, Phi Beta Sigma, and ECO).	64	22 bags of trash	Litter pickup
			114.5	9 bags of recycling	

Table 2

Summary of Public Participation Events

Year 4

September 1, 2016 - August 31, 2017

Phase II MS4 Annual Report

Texas State University - San Marcos Texas

Name of Event	Date	Description of Event	Number of Participants / Volunteer Hours	Quantity (Bags of trash, curb inlet markers, etc.)	Method Used for Stormwater Awareness
Adopt-a-Spot	11/1/2016 - 11/30/2016	Litter and debris removal by Texas State organizations (ECO).	7	1 bag of trash	Litter pickup
			7	0 bags of recycling	
Adopt-a-Spot	1/1/2017 - 1/31/2017	Litter and debris removal by Texas State organizations (Net Impact & Omega Phi Alpha).	32	8.5 bags of trash	Litter pickup
			32	2 bags of recycling	
Adopt-a-Spot	2/1/2017 - 2/28/2017	Litter and debris removal by Texas State organizations (Sigma Alpha Epsilon, Omega Phi Alpha, ECO, & Chi Beta Delta).	86	16 bags of trash	Litter pickup
			156	8 bags of recycling	

Table 2

Summary of Public Participation Events

Year 4

September 1, 2016 - August 31, 2017

Phase II MS4 Annual Report

Texas State University - San Marcos Texas

Name of Event	Date	Description of Event	Number of Participants / Volunteer Hours	Quantity (Bags of trash, curb inlet markers, etc.)	Method Used for Stormwater Awareness
Adopt-a-Spot	3/1/2017 - 3/31/2017	Litter and debris removal by Texas State organization (Net Impact).	17	1 bag of trash	Litter pickup
			17	1 bag of recycling	
Annual Great Texas River Clean Up	3/4/2017	Annual cleanup of litter from creeks, drainage channels and river	725	11,500 pounds of trash	58 leaders were trained in stormwater awareness and provided this training to their crews prior to and during the cleanup.
			2175	3,430 pounds of recyclables. 37 tires.	
Adopt-a-Spot	4/1/2017 - 4/30/2017	Litter and debris removal by Texas State organizations (Net Impact, Sigma Alpha Epsilon, & Chi Beta Delta).	78	9 bags of trash	Litter pickup
			138	1 bag of recycling	

Table 2

Summary of Public Participation Events

Year 4

September 1, 2016 - August 31, 2017

Phase II MS4 Annual Report

Texas State University - San Marcos Texas

Name of Event	Date	Description of Event	Number of Participants / Volunteer Hours	Quantity (Bags of trash, curb inlet markers, etc.)	Method Used for Stormwater Awareness
Bobcat Build	4/1/2017	Curb inlet marker installation and litter pickup on campus to spread the message that storm drains lead to waterways.	23	Installed 29 curb inlet markers	Stormwater awareness training prior to installation and during litter pickup
			46	6 bags of trash & 1 bag of recycling	
Texas State Adopt-a-Spot Cleanups	9/1/2016 - 8/31/2017	A new Student Government initiative for incorporating the Adopt-a-Spot litter pickup program was initiatied in Year 4. Fourteen groups regularly participated in litter pickup in areas around campus. This was a pilot program, so data were not recorded but will be in the future.	n/a	n/a	Anti-litter message provided
			n/a	n/a	

Table 2

Summary of Public Participation Events

Year 4

September 1, 2016 - August 31, 2017

Phase II MS4 Annual Report

Texas State University - San Marcos Texas

Name of Event	Date	Description of Event	Number of Participants / Volunteer Hours	Quantity (Bags of trash, curb inlet markers, etc.)	Method Used for Stormwater Awareness
Hot Spot Cleanups	9/1/2016 - 8/31/2017	Five Hot Spot Cleanups were organized throughout Year 4 in which citizens and Texas State student organizations volunteered to help beautify San Marcos.	316	82 bags of trash	Anti-litter message provided
			592.5	23 bags of recycles	
Total Number of Volunteers				1401	
Total Volunteer Hours				3341	

Table 3-1
Summary of Staff and Contractor Training
Year 4
September 1, 2016 - August 31, 2017
Phase II MS4 Annual Report
Texas State University - San Marcos, Texas

Month	Training Type					
	IDDE	**GH/PP (a)**	**Food Service**	**SPCC (b)**	**NEOII**	**SWPPP Contractor Training**
Sept 2016 (c)	1	-	40	1	-	2
Oct-16	11	-	74	11	-	-
Nov-16	8	-	-	12	-	-
Dec-16	23	-	-	21	-	-
Jan-17	29	-	-	22	-	17
Feb-17	20	-	-	16	-	-
Mar-17	28	-	-	14	-	-
Apr-17	32	-	-	24	-	-
May-17	28	-	-	22	-	7
Jun-17	21	-	-	19	-	53
Jul-17	19	-	-	12	-	108
Aug 2017 (d)	41	-	39	33	-	70
TOTAL	**261**	**0**	**153**	**207**	**0**	**257**

Table 3-2
Summary of Training - Student
Year 4
September 1, 2016 - August 31, 2017
Phase II MS4 Annual Report
Texas State University - San Marcos, Texas

Month	Training Type
	US1100 Walking Tour
Sept 2016 (c)	-
Oct-16	725
Nov-16	1071
Dec-16	239
Jan-17	-
Feb-17	114
Mar-17	231
Apr-17	-
May-17	-
Jun-17	-
Jul-17	-
Aug 2017 (d)	-
TOTAL	**2380**

Table 4

Summary of Hazardous Waste and Recycle Volumes

Year 4

September 1, 2016 - August 31, 2017

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	Single Stream (a)	Cardboard	Paper	Pumping
		(pounds)	(pounds)	(pounds)	(tons)	(pounds)	(gal)	(tons)	(tons)	(tons)	(gallons)
9/1/2016 (b)		0	0	10	see note	0	0				5250
Oct-16		329	0	0	see note	0	20				120
Nov-16		0	0	0	see note	2200	0				16750
Dec-16		245	0	0	see note	0	0				1250
Jan-17		225	789	0	see note	0	20				11120
Feb-17		0	0	26	see note	1500	0				12250
Mar-17		620	0	0	see note	0	0	51.33	156.19	194.68	1000
Apr-17		0	0	77	see note	0	2200				12250
May-17		221	0	0	see note	0	0				14120
Jun-17		0	0	0	see note	0	0				1250
Jul-17		350	0	0	see note	2010	0				12250
8/31/2017 (c)		300	0	0	see note	0	0				11250
Year Four Totals		2290	789	113	71.5	5710	2240	51.33	156.19	194.68	**98860**

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 2016 to August 2017 taken from the manifest table for the annual report.

Table 5
Plan Review Summary
Year 4
September 1, 2016 - August 31, 2017
Phase II MS4 Annual Report
Texas State University -San Marcos Texas

Project Name	Phase	Project Manager	Origination Date	Due Date	Reviewer	Review Date	Comments
Engineering and Science Building	75% CD (BP 2)	Scott Rouse	8/29/2016	9/6/2016	EHSRM	9/6/2016	n/a
Engineering and Science Building	100% CD (BP 2)	Scott Rouse	10/31/2016	n/a	EHSRM	n/a	No review needed
Engineering and Science Building	100% CD (a)	Scott Rouse	11/7/2016	11/15/2016	Lindsay	n/a	No review needed
Engineering and Science Building	100% CD (b)	Scott Rouse	11/23/2016	12/12/2016	Lindsay	n/a	No review needed
Round Rock Health Professions Building	Bid Pkg #2	Patsy Holtman	9/15/2016	9/23/2016	Lindsay	9/23/2016	n/a
Round Rock Health Professions Building	90% CD	Patsy Holtman	9/26/2016	10/7/2016	Lindsay	10/7/2016	n/a
University Events Center	50% CD	Nathan Wensowitch	9/2/2016	9/9/2016	Lindsay	9/9/2016	n/a
University Events Center	100% CD	Nathan Wensowitch	11/21/2016	12/2/2016	Lindsay	12/2/2016	n/a
RF Mitte 1225 & 1225E	n/a	Danny Putegnat	12/21/2016	1/11/2017	Lindsay	n/a	No review needed
Trinity Building	100%	John Rudolph	1/5/2017	1/13/2017	Lindsay	1/10/2017	n/a
Baseball Field TV Broadcast	100%	Danny Putegnat	3/30/2017	4/7/2017	Lindsay	n/a	No review needed

Table 5
Plan Review Summary
Year 4
September 1, 2016 - August 31, 2017
Phase II MS4 Annual Report
Texas State University -San Marcos Texas

Project Name	Phase	Project Manager	Origination Date	Due Date	Reviewer	Review Date	Comments
Alkek 109	100%	Missy Mears	5/1/2017	5/5/2017	Lindsay	n/a	No review needed
JC Mitte 1125 Lab Renovation	100%	Missy Mears	5/1/2017	5/5/2017	Lindsay	n/a	No review needed
Facilities Plant Fresh Air/Ductwork Project	100%	Abraham Fernandez	5/5/2017	5/15/2017	Lindsay	n/a	No review needed
Old Main 3rd Floor Media Lab	100%	John Rudolph	5/5/2017	5/12/2017	Lindsay	n/a	No review needed
FCS Room 141	100%	Missy Mears	5/8/2017	5/12/2017	Lindsay	n/a	No review needed
Alkek 2nd Floor Buildout	100%	Missy Mears	5/30/2017	6/2/2017	Lindsay	n/a	No review needed

Percentage Completion: 100%

Table 6

Summary of SWPPP Inspections

Year 4

September 1, 2016 - August 31, 2017

Phase II MS4 Annual Report

Texas State University -San Marcos Texas

Month	Site	Initial Insp and Sign Off? (Y/N)	Routine SWPPP (a) Inspections	Noncompliance Issues Resolved? (Y/N)		Final SWPPP Inspection
Sept-16 (b)	Library Repository		4	N/A		
	Engineering & Science Building	Y	3	N/A		
	RR Health Professions	Y	2	N/A		
Oct-16	Library Repository		3	N/A		
	Engineering & Science Building		3	N/A		
	RR Health Professions		3	N/A		
	University Event Center	Y	3	N/A		
Nov-16	Library Repository		4	N/A		
	Engineering & Science Building		4	N/A		
	RR Health Professions		3	N/A		
	University Event Center		5	N/A		
Dec-16	Library Repository		4	N/A		
	Engineering & Science Building		3	N/A		
	RR Health Professions		2	N/A		
	University Event Center		3	N/A		

Table 6

Summary of SWPPP Inspections

Year 4

September 1, 2016 - August 31, 2017

Phase II MS4 Annual Report

Texas State University -San Marcos Texas

Month	Site	Initial Insp and Sign Off? (Y/N)	Routine SWPPP (a) Inspections	Noncompliance Issues Resolved? (Y/N)		Final SWPPP Inspection
Jan-17	Library Repository		4	N/A		
	Engineering & Science Building		4	N/A		
	RR Health Professions		4	N/A		
	University Event Center		4	N/A		
Feb-17	Library Repository		4	N/A		
	Engineering & Science Building		4	N/A		
	RR Health Professions		4	N/A		
	University Event Center		4	N/A		
Mar-17	Library Repository		3	N/A		
	Engineering & Science Building		4	N/A		
	RR Health Professions		4	N/A		
	University Event Center		4	N/A		
Apr-17	Library Repository		4	N/A		
	Engineering & Science Building		4	N/A		
	RR Health Professions		4	N/A		
	University Event Center		4	N/A		

Table 6

Summary of SWPPP Inspections

Year 4

September 1, 2016 - August 31, 2017

Phase II MS4 Annual Report

Texas State University -San Marcos Texas

Month	Site	Initial Insp and Sign Off? (Y/N)	Routine SWPPP (a) Inspections	Noncompliance Issues Resolved? (Y/N)		Final SWPPP Inspection
May-17	Library Repository		4	N/A		
	Engineering & Science Building		5	N/A		
	RR Health Professions		4	N/A		
	University Event Center		5	N/A		
Jun-17	Library Repository		4	N/A		
	Engineering & Science Building		4	N/A		
	RR Health Professions		4	N/A		
	University Event Center		4	N/A		
Jul-17	Library Repository		1	N/A		Y
	Engineering & Science Building		4	N/A		
	RR Health Professions		4	N/A		
	University Event Center		4	N/A		
Aug-17	Engineering & Science Building		5	N/A		
	RR Health Professions		4	N/A		
	University Event Center		5	N/A		
Total			**164**			**1**

Table 7

Summary of Continuing Education Hours

Year 4

September 1, 2016 - August 31, 2017

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Texas State University -San Marcos Texas

Month	Event	Number of Attendees	Hours/each	Total Hours
10/13/2016	TCEQ Autumn Environmental Conference and Expo - Stormwater Seminar	3	4	12
11/1/2017	CISEC Certification Course	1	9	9
1/12/2017	Enlisting Citizens to Report Illicit Discharges	3	1	3
2/29/2016	Pesticide Applicator Recertification	1	5	5
3/1/2016	Pesticide Applicator Recertification	6	5	30
3/29/2017	BMP Training - Stormwater System Maintenance	4	1	4
4/12/2017	Bio Clean BMP Maintenance	2	2	4
7/18/2017	Evolving Approaches to Evolving Streams	2	2	4
8/1/2016	Pesticide Applicator Recertification	1	5	5
8/11/2017	Limitations of Commonly Found Construction Site Sediment Control BMPs	13	1	13
8/16/2017	General Stormwater Awareness Training - SSC Solutions (Custodial Contractor)	8	1	8
Total		**44**		**97**

Table 8

Post Construction BMP Maintenance

Year 4

September 1, 2016 - August 31, 2017

Phase II MS4 Annual Report

Texas State University -San Marcos Texas

Month	Unit Name	Unit Number	Material Removed (pounds)	Contractor/Department
12/19/2016	Grit Trap Garage	GT-3-01	12,450	Alamo
12/19/2016	Oil Water Separator Garage	OW-3-01	12,450	Alamo
9/7/2016	Concrete Channel	CC-4-01	812.29	Utilities Operations
9/9/2016	Detention Pond	DP-1-02	1218.28	Utilities Operations
9/12/2016	Water Quality Structure	WQS-4-01	203.07	Utilities Operations
9/13/2016	Concrete Channel	CC-1-01	258.40	Utilities Operations
9/14/2016	Detention Pond	DP-1-03	1624.88	Utilities Operations
9/19/2016	Water Quality Structure	WQS-4-01	101.54	Utilities Operations
10/4/2016	Detention Pond	DP-2-02	609.22	Utilities Operations
10/4/2016	Detention Pond	DP-1-02	406.14	Utilities Operations
10/6/2016	Water Quality Structure	WQS-4-01	50.77	Utilities Operations
10/7/2016	Water Quality Structure	WQS-1-01	253.84	Utilities Operations
10/13/2016	Water Quality Structure	WQS-4-01	50.77	Utilities Operations
10/14/2016	Detention Pond	DP-1-03	152.30	Utilities Operations
10/16/2016	Water Quality Structure	WQS-1-01	101.54	Utilities Operations
10/20/2016	Detention Pond	DP-1-03	50.77	Utilities Operations
10/20/2016	Detention Pond	DP-1-02	405.84	Utilities Operations
10/20/2016	Concrete Channel	CC-1-01	101.54	Utilities Operations
10/21/2016	Water Quality Structure	WQS-4-01	25.38	Utilities Operations
11/4/2016	Water Quality Structure	WQS-4-01	456.91	Utilities Operations
11/8/2016	Detention Pond	DP-1-02	406.14	Utilities Operations
11/8/2016	Concrete Channel	CC-1-01	101.54	Utilities Operations
11/14/2016	Water Quality Structure	WQS-4-01	50.54	Utilities Operations
12/12/2016 - 12/15/2016	Concrete Channel	CC-4-01	6156	Utilities Operations
12/15/2016	Concrete Channel	CC-4-01	76.304	Utilities Operations
1/4/2017	Concrete Channel	CC-4-01	405.84	Utilities Operations
1/4/2017	Water Quality Structure	WQS-4-01	1621.84	Utilities Operations
1/9/2017	Concrete Channel	n/a	3249	Utilities Operations
1/18/2017	Water Quality Structure	WQS-4-01	1218.432	Utilities Operations
1/19/2017	Detention Pond	DP-1-01	3648	Utilities Operations

Table 8

Post Construction BMP Maintenance

Year 4

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Texas State University -San Marcos Texas

Month	Unit Name	Unit Number	Material Removed (pounds)	Contractor/Department
1/20/2017	Concrete Channel	CC-1-01	812.288	Utilities Operations
1/26/2017	Water Quality Structure	WQS-1-01	1015.36	Utilities Operations
1/30/2017	Detention Pond	DP-1-02	1218.432	Utilities Operations
1/30/2017	Concrete Channel	n/a	1015.36	Utilities Operations
2/22/2017	Concrete Channel	CC-1-01	812.288	Utilities Operations
2/22/2017	Water Quality Structure	WQS-4-01	2436.864	Utilities Operations
2/23/2017	Concrete Channel	n/a	3249	Utilities Operations
3/16/2017	Water Quality Structure	WQS-4-01	152.304	Utilities Operations
3/16/2017	Concrete Channel	n/a	812.288	Utilities Operations
3/23/2017	Concrete Channel	n/a	406.144	Utilities Operations
3/23/2017	Water Quality Structure	WQS-4-01	203.072	Utilities Operations
3/30/2017	Filter Strip	FS-1-01	609.216	Utilities Operations
3/30/2017	Detention Pond	DP-1-03	203.072	Utilities Operations
4/7/2017	Concrete Channel	n/a	812.44	Utilities Operations
4/7/2017	Detention Pond	DP-1-02	406.144	Utilities Operations
4/7/2017	Concrete Channel	CC-1-01	6092.16	Utilities Operations
4/7/2017	Concrete Channel	CC-1-01	203.072	Utilities Operations
4/24/2017	Concrete Channel	CC-1-01	456.912	Utilities Operations
4/24/2017	Detention Pond	DP-2-02	355.376	Utilities Operations
4/24/2017	Concrete Channel	n/a	812.44	Utilities Operations
5/7/2017	Concrete Channel	n/a	609.216	Utilities Operations
5/7/2017	Water Quality Structure	WQS-4-01	203.072	Utilities Operations
5/18/2017	Concrete Channel	n/a	541.88	Utilities Operations
5/18/2017	Water Quality Structure	WQS-4-01	228.456	Utilities Operations
5/18/2017	Filter Strip	FS-1-01	209.912	Utilities Operations
5/26/2017	Concrete Channel	CC-1-01	253.84	Utilities Operations
6/8/2017	Water Quality Structure	WQS-1-01	888.44	Utilities Operations
6/9/2017	Detention Pond	DP-1-01	761.52	Utilities Operations
6/9/2017	Concrete Channel	n/a	558.6	Utilities Operations
6/9/2017	Water Quality Structure	WQS-4-01	203.072	Utilities Operations

Table 8

Post Construction BMP Maintenance

Year 4

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Texas State University -San Marcos Texas

Month	Unit Name	Unit Number	Material Removed (pounds)	Contractor/Department
6/9/2017	Paver Parking Lot	PP-4-01	none, vacuum only	Sweep Across Texas/ Elizabeth Arceneaux, Envrionmental Engineer
6/13/2017	Concrete Channel	CC-1-01	203.072	Utilities Operations
6/13/2017	Detention Pond	DP-1-02	1116.896	Utilities Operations
6/15/2017	Concrete Channel	CC-4-01	1675.344	Utilities Operations
6/15/2017	Contech Unit- sludge	CT-3-01	7,898	Gruene Environmental
6/15/2017	Contech Unit-sludge	CT-3-02	7,898	Gruene Environmental
6/15/2017	Contech Unit- water	CT-3-01	10,110	Gruene Environmental
6/15/2017	Contech Unit-water	CT-3-02	10,110	Gruene Environmental
6/27/2017	Concrete Channel	CC-1-01	50.768	Utilities Operations
6/27/2017	Concrete Channel	n/a	1116.896	Utilities Operations
7/7/2017	Water Quality Structure	WQS-1-01	1218.432	Utilities Operations
7/12/2017	Concrete Channel	n/a	253.84	Utilities Operations
7/12/2017	Water Quality Structure	WQS-4-01	76.152	Utilities Operations
7/28/2017	Water Quality Structure	WQS-4-01	50.768	Utilities Operations
8/4/2017	Concrete Channel	n/a	634.6	Utilities Operations
8/4/2017	Concrete Channel	CC-4-01	558.448	Utilities Operations
8/8/2017	Detention Pond	DP-2-02	837.52	Utilities Operations
8/8/2017	Concrete Channel	CC-1-01	406.144	Utilities Operations
8/9/2017	Detention Pond	DP-1-02	1254	Utilities Operations
8/22/2017	Concrete Channel	n/a	837.52	Utilities Operations
8/22/2017	Water Quality Structure	WQS-4-01	279.224	Utilities Operations
Total		**80**	**121,844**	

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

(b) conversion for CY of sludge to pounds 1 cy x 1215 pounds/cy = pounds

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

Table 9
Summary of IDDE Responses
Year 4
September 1, 2016 - August 31, 2017
Phase II MS4 Annual Report
Texas State University -San Marcos Texas

Date	Description of Release	Method Report was Received	Actions Taken	Samples Collected? (Y/N)	Reportable Quantity? (Y/N)	Date Resolved
9/13/2016	Bleach spill, maggots, and trash outside of Jone's Dining Hall Compactor	Other, In Person	After consultation, EHSRM met at Jones Dining Hall to address the maggot infestation. Upon arival, a bleach spill was discovered. There was a makeshift plug for the strorm drain. A cleanup plan was made for the spill and the bleach in the storm drain was addressed first. It was determined that food and waste that fell between the compactor and loading dock was the leading cause of the infestation. A wood plate was installed to catch the food and waste. Bleach was vacuumed and cleaned in area and removed from storm drain. Material was not released into the MS4.	N	N	9/13/2016
10/6/2016	Oil spill at Pleasant Street Parking Garage	Phone	EHSRM was called to respond to an oil spill at Pleasant Street Parking Garage. The source was identified as a Texas State University vehicle and was towed to the garage for repairs. Oil booms, pads, and Micro-Blaze were used to clean up the spill. Material was not released into the MS4.	N	N	10/6/2017
10/24/2016	Concrete Waste on Creek Bank at Freeman Aquatic Building	Phone	Leftover concrete mix from retianing wall blowout hardened on the creek bed. Contractor removed the concrete on 11/9/2016. Concrete had dried on the bank and no material was released into the creek.	N	N	11/9/2016

Table 9
Summary of IDDE Responses
Year 4
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Texas State University -San Marcos Texas

Date	Description of Release	Method Report was Received	Actions Taken	Samples Collected? (Y/N)	Reportable Quantity? (Y/N)	Date Resolved
11/8/2016	Oil sheen at Facilities	Phone	Oil sheen on the parking lot at Facilities was reported to EHSRM. Oil booms were placed down gradient. Oil pads and granules were used to absorb oil. Materials were cleaned and taken to 007. Source was not identified. Material was not released into the MS4.	N	Y	11/8/2016
11/16/2016	Hydraulic Fluid Spill on Golf Course	Phone	A Campus Recreation employee (Dustin Olivo) notified EHSRM that a hydraulic oil line on a piece of equipment had ruptured while cutting grass on the golf course. The spill had been tracked approximately 1500 feet from the point of origin to the end point. Oil pads, absorbant granuels, and microblaze were used to clean up the spill. Oil was removed from area and disposed of. Material was not released into the MS4.	N	N	11/16/2016
12/12/2016	Coolant leak	Phone	Semi-truck making a delivery on campus leaked approximately 5 gallons of coolant onto the road, stretching approximately 800 feet. The source was identified and material cleaned up. Material was not released into the MS4.	N	N	12/12/2016
1/20/2017	Persistent dry weather flow discharge	Email	Nathan Lawrence (Grounds) requested an inspection of the RR12 drainage way for dry weather flow. The area is persistently wet, even after a preiod of dry weather. It was determined that the most likely cause of this presistent discharge is groundwater.	N	N	1/20/2017

Table 9
Summary of IDDE Responses
Year 4
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Texas State University -San Marcos Texas

Date	Description of Release	Method Report was Received	Actions Taken	Samples Collected? (Y/N)	Reportable Quantity? (Y/N)	Date Resolved
1/12/2017	Transmission Leak at Engineering Building Site	Phone	EHSRM was notified of a transmission fluid spill at the Engineering and Science Buidling site. (Academy and James Street). The spill was estimated at 5 gallons and was cleaned using dry absorbant. Material was not released into the MS4.	N	N	1/12/2017
1/25/2017	Fuel Spill at Comanche/Woods	Phone	EHSRM was notified of a fuel spill at Woods and Comanche streets. The spill was estimated at 1 gallon and was cleaned using clay absorbant and brooms. Material was not released into the MS4.	N	N	1/25/2017
2/16/2017	Hydraulic Line Break at UEC Site	Phone	EHSRM was notified of a hydraulic oil spillat the University Event Center site. The spill was estimated at 1 gallon and was limited to soils. The liquid material was cleaned up and the contaminated soils were ecavated. Material was not released into the MS4.	N	N	2/16/2017
3/31/2017	Cooking Oil in Quad	Phone	EHSRM was notified of a cooking oil spill in the Quad near Flowers and Evans Liberal Arts buildings. The spill was estimated at 2 gallons and was cleaned up using dry absorbant and Micro-blaze. Material was not released into the MS4.	N	N	3/31/2017

Table 9
Summary of IDDE Responses
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Date		Description of Release	Method Report was Received	Actions Taken	Samples Collected? (Y/N)	Reportable Quantity? (Y/N)	Date Resolved
5/31/2017		Hydraulic Oil Spill at Strahan	Email	EHSRM was notified of two spills of hydraulic oil at Strahan Coliseum. The spill was estimated at no more than 1 gallon and originated from the same source (Gator vehicle). One spill was cleaned up using dry absorbant and the other spill was cleaned using Micro-blaze and soil excavation. Material was not released into the MS4.	N	N	5/31/2017
6/13/2017		Illegal dumping in storm drain	Phone	An unknown gray/white substance was illegally dumped in a storm drain between Derrick and Taylor Murphy Hall. The one-gallon spill was cleaned out of the storm drain and the responsible party was not found. Material was not released into the MS4. The investigation is ongoing.	N	N	6/13/2017
6/15/2017		Illegal dumping in storm drain	Phone	Similar gray/white substance as 6/13/2017 was found in the same storm drain near Derrick Hall. The spill was cleaned and material was disposed of. Upon investigation, the SSC (Custodial contractor) night crew had cleaned the floors the prior night and more than likely disposed of the excess material in the nearby storm drain. The SSC manager ensured that proper training would take place in reguards to their policies. Material was not released into the MS4.	N	N	6/15/2017

Table 9
Summary of IDDE Responses
Year 4
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Date		Description of Release	Method Report was Received	Actions Taken	Samples Collected? (Y/N)	Reportable Quantity? (Y/N)	Date Resolved
6/22/2017		Pro-Strip and Wax Spill on Pickard Street	Witness	EHSRM identified a spill of an unknown material on Pickard Street behind Derrick Hall. After investigation, it was determined that approximately 30 gallons of a solution of floor wax and stripper was spilled onto the ground. The material, which had mostly dried up, was cleaned using dry absorbant to remove any remaining material that could impact the environment. Material was not released into the MS4.	N	N	6/22/2017
6/28/2017		Diesel Fuel Spill at Supple	Witness	EHSRM identified a spill of diesel at Supple Science neat Vista Street. The spill was estimated at 2 gallons and was cleaned using dry absorbant. Material was not released into the MS4.	N	N	6/28/2017
7/10/2017		Leaking Gasoline at LBJ Parking Garage	Phone	EHSRM was notified of a gasoline spill in the LBJ Parking Garage from a leaking vehicle. The spill was estimated at less than 1 gallon and was cleaned using pads and dry absorbant. Material was not released into the MS4.	N	N	7/10/2017
TOTAL REPORTS: 17							
TOTAL RESOLVED: 17							